

# WEST 29<sup>th</sup> STREET

601 WEST 29<sup>th</sup> STREET  
NEW YORK COUNTY  
NEW YORK, NEW YORK

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## SITE MANAGEMENT PLAN

**NYSDEC Site Number: C231107**

**AKRF Project Number: 170087**

**Prepared for:**

NYSDEC  
625 Broadway  
Albany, NY 12233

**On Behalf Of:**

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**Prepared by:**



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**Revisions to Final Approved Site Management Plan:**

Revision No.	Date Submitted	Summary of Revision	NYSDEC Approval Date
1	April 2023	Removal of groundwater monitoring requirements	May 2, 2023
2	April 2025	Reducing inspection and PRR frequency to 5 years	May 2, 2025

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**DECEMBER 2020; REVISED APRIL 2023 AND APRIL 2025**

## CERTIFICATION STATEMENT

I, Michelle Lapin, P.E., certify that I am currently a New York State registered Professional Engineer as in defined in 6 NYCRR Part 375 and that this Site Management Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).



5/2/2025

A handwritten signature in cursive script, appearing to read "Michelle Lapin".

NYS Professional Engineer #073934-1

Date

Signature

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## LIST OF ACRONYMS

Acronym	Definition
ACM	Asbestos Containing Material
AGV	Air Guidance Value
ASTM	American Society for Testing and Materials
AWQSGV	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	A group of VOCs comprising benzene, toluene, ethylbenzene, and xylenes
CAMP	Community Air Monitoring Plan
CFR	Code of Federal Regulations
COC	Certificate of Completion
CP	Commissioner's Policy
DD	Decision Document
DER	Division of Environmental Remediation
EC	Engineering Control
ECL	Environmental Conservation Law
EFR	Enhanced Fluid Recovery
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
EWP	Excavation Work Plan
FEMA	Federal Emergency Management Agency
FLS	Fleming-Lee Shue, Inc.
HASP	Health and Safety Plan
HVDPE	High Vacuum Dual-Phase Extraction
IC	Institutional Control
LBP	Lead-based Paint
LNAPL	Light Non-Aqueous Phase Liquid
MTBE	Methyl tert butyl ether
NY	New York
NYCRR	New York Codes, Rules and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	United States Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PBS	Petroleum Bulk Storage
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
PDI	Pre-Design Investigation
PDIWP	Pre-Design Investigation Work Plan
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photoionization detector
PRR	Periodic Review Report
QA	Quality Assurance
QAPP	Quality Assurance Project Plan

Acronym	Definition
QC	Quality Control
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRSCO	Restricted Residential Soil Cleanup Objective
RSO	Remedial Site Optimization
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SQG	Small Quantity Generator
SSDS	Sub-slab Depressurization System
SSSCO	Site-Specific Soil Cleanup Objective
SVE	Soil Vapor Extraction
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethylene
TCL	Target Compound List
TOGS	Technical Operational and Guidance Series
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	Volatile Organic Compound

## **EXECUTIVE SUMMARY**

The following provides a brief summary of the controls implemented for the Controlled Property, as well as the inspections, monitoring, maintenance and reporting activities required by this Site Management Plan:

Site Identification:                      Site No. C231107  
    West 29<sup>th</sup> Street – Track 4 Area (Controlled Property)  
    601 West 29<sup>th</sup> Street, New York, New York

Institutional Controls:	1. The property may be used for restricted residential, commercial, and industrial use.	
	2. Environmental Easement	
	3. All ECs must be inspected at a frequency and in a manner defined in the SMP.	
Engineering Controls:	1. Composite Cover System	
Inspections:		Frequency
1. Cover inspection		Every 5 years
Reporting:		
1. Periodic Review Report		Every 5 years

Further descriptions of the above requirements are provided in detail in the latter sections of this Site Management Plan.

## SITE MANAGEMENT PLAN

### 1.0 INTRODUCTION

#### 1.1 General

This Site Management Plan (SMP) is a required element of the remedial program for the West 29<sup>th</sup> Street Site located at 601 West 29<sup>th</sup> Street in Manhattan, New York (hereinafter referred to as the “Site”). A Site location plan is provided as Figure 1. The Site is also identified as Block 675, Lot 12 (formerly Lots 12, 29, and 36). The Site is currently enrolled in the New York State (NYS) Brownfield Cleanup Program (BCP) (Site No. C231107), which is administered by the New York State Department of Environmental Conservation (NYSDEC).

The Site was investigated and remediated in accordance with Brownfield Cleanup Agreement (BCA) Index No. C231107-02-18, which was executed in March 2018 by DD West 29<sup>th</sup> LLC (the “Volunteer”). The Site was remediated to split Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Track 4 Site Specific Soil Cleanup Objectives (SSSCOs) in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) and Decision Document (DD), as described in this SMP. The Track 4 area is hereby referred to as the “Controlled Property”. The Site location and Site plan for the Controlled Property are provided on Figures 1 and 2, respectively. The boundaries of the Controlled Property are more fully described in the metes and bounds Site description that is part of the Environmental Easement provided in Appendix A.

#### 1.2 Purpose

After completion of the remedial work, some contamination was left in place in the Track 4 area of the Site, which is hereafter referred to as “remaining contamination.” Institutional and Engineering Controls (ICs and ECs) have been incorporated into the remedy for the Track 4 area of the Site to control exposure to remaining contamination to ensure protection of public health and the environment. An Environmental Easement granted to the NYSDEC, and recorded with the New York County Clerk, requires compliance with this SMP and all ECs and ICs placed on the Site in the Track 4 cleanup area (Controlled Property).

This SMP was prepared to manage remaining contamination at the Controlled Property until the Environmental Easement is extinguished in accordance with Environmental Conservation Law (ECL) Article 71, Title 36. This plan has been approved by the NYSDEC, and compliance with this plan is required by the grantor of the Environmental Easement and the grantor’s successors and assigns. This SMP may be revised only with the approval of the NYSDEC.

It is important to note that:

- This SMP details the site-specific implementation procedures required by the Environmental Easement that pertain to the Controlled Property. Failure to properly implement the SMP is a violation of the Environmental Easement, which is grounds for revocation of the Certificate of Completion (COC); and
- Failure to comply with this SMP is also a violation of Environmental Conservation Law, 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and the BCA, (Index No. C231107-02-18, Site No. C231107) for the Site, and thereby subject to applicable penalties.

All reports associated with the Controlled Property can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in New York State. A list of contacts for persons involved with the Site is provided in Table 2 of this SMP.

This SMP was prepared by AKRF, Inc. (AKRF), on behalf of the Volunteer, in accordance with the requirements of NYSDEC's DER-10 ("Technical Guidance for Site Investigation and Remediation"), dated May 2010, and the guidelines provided by NYSDEC. This SMP addresses the means for implementing the ICs and/or ECs that are required by the Environmental Easement for the Site.

### **1.3 Revisions**

Revisions to this SMP will be proposed in writing to the NYSDEC's project manager. Revisions will be necessary upon, but not limited to, the following occurring: a change in media monitoring requirements, upgrades to or shut-down of a remedial system, post-remedial removal of contaminated sediment or soil, or other significant change to the site conditions. In accordance with the Environmental Easement for the Controlled Property, the NYSDEC will provide a notice of any approved changes to the SMP, and append these notices to the SMP retained in its files.

### **1.4 Notifications**

Notifications will be submitted by the property owner to the NYSDEC, as needed, in accordance with NYSDEC's DER – 10 for the following reasons:

- 60-day advance notice of any proposed changes in Site use that are required under the terms of the BCA, 6 NYCRR Part 375, and/or ECL;
- 7-day advance notice of any field activity associated with the remedial program;
- 15-day advance notice of any proposed ground-intrusive activity pursuant to the Excavation Work Plan (EWP);
- Notice within 48-hours of any damage or defect to the foundation, structures or EC that reduces or has the potential to reduce the effectiveness of an EC, and likewise, any action to be taken to mitigate the damage or defect;
- Verbal notice by noon of the following day of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of ECs in place at the Site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public; and
- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action submitted to the NYSDEC within 45 days describing and documenting actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the Site or the responsibility for implementing this SMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser/Remedial Party has been provided with a copy of the BCA and all approved work plans and reports, including this SMP.
- Within 15 days after the transfer of all or part of the Site, the new owner's name, contact representative, and contact information will be confirmed in writing to the NYSDEC.

Table 1 on the following page includes contact information for the above notifications. The information in this table will be updated as necessary to provide accurate contact information. A full listing of Site-related contact information is provided in Table 2.

**Table 1**  
**Notifications\***

Company/ Regulator	Contact Name	Title	Contact Information
NYSDEC	Erick Bower	Project Manager	625 Broadway, 12 <sup>th</sup> Floor Albany, NY 12233-7016 Phone: (518) 402-9824 Email: erick.bower@dec.ny.gov
	Bill Bennett	Chief, Remedial Section B, Remedial Bureau B Division of Environmental Remediation	625 Broadway, 12 <sup>th</sup> Floor Albany, NY 12233-7016 Phone: (518) 402-9817 Email: william.bennett@dec.ny.gov
NYSDOH	Jacquelyn Nealon	Project Manager	Empire State Plaza – Corning Tower Room 1787 Albany, NY 12237 Phone: (518) 402-7850 jacquelyn.nealon@health.ny.gov

\* Note: Notifications are subject to change and will be updated as necessary.

**Table 2**  
**Contact List**

Company	Individual Name	Title	Contact Number
AKRF	Michelle Lapin	Remedial Engineer	646-388-9520 (office)
	Marc Godick	Project Principal	914-922-2356 (office)
	Adrianna Bosco	Project Manager	646-388-9576 (office) 914-874-3358 (cell)
BCP Volunteer	Steven Charno	Volunteer's Representative	212-400-9292 (office)

## **2.0 SITE BACKGROUND**

### **2.1 Site Location and Description**

The Controlled Property is located in Manhattan, New York County, New York and is identified as a portion of Section 1, Block 675, Lot 12 on the New York City Tax Map, as shown on Figure 1. The Controlled Property is an approximately 0.25-acre parcel consisting of a slab-on-grade parking garage, currently under construction. The Controlled Property is bounded by: a private parking and office facility for the Port Authority of New York and New Jersey, followed by West 30<sup>th</sup> Street to the north; West 29<sup>th</sup> Street, followed by a Con Edison facility to the south; the remainder of the BCP Site to the east; and a private parking facility, followed by 12<sup>th</sup> Avenue and the Hudson River Park to the west. A site plan is provided on Figure 2. The boundaries of the Controlled Property are more fully described in the Environmental Easement, provided as Appendix A. The owner of the Controlled Property at the time of issuance of this SMP is West Side 11<sup>th</sup> & 29<sup>th</sup> LLC.

### **2.2 Site History**

A full site history for the Controlled Property, including historical Sanborn maps and a summary of previous investigations conducted at the Site, was provided in the RAWP. Historic records indicated that the Controlled Property and the remainder of the BCP Site have been used for industrial, automotive, and commercial purposes since the late 1800s. The Controlled Property was developed with a lumber yard as early as 1890. Between approximately 1950 and 1985, the lot was occupied by truck parking and an express terminal, which was later replaced by a warehouse of unspecified use in 1987 through 2005.

Between approximately 1911 and 1930, the southern-central portion of the Site was developed with a smelting and refining works. An asbestos distribution warehouse, freight/transportation businesses, and several gasoline tanks were shown on Sanborn maps up until the late 1970s. The southeastern portion of the Site was developed with an iron works between 1890 and 1899, and later replaced by a woodworking and scenery manufacturer in 1911. By 1950, the lot was occupied by Express Depot and contained gasoline tanks. The southeastern portion of the Site remained relatively unchanged through the late 1980s when it was occupied by commercial uses. An art gallery was identified as early as 2002. The northeastern portion of the Site was occupied historically by a lumber yard and wagon yard up until approximately 1927, when a gasoline station was developed on the lot. The addition of an auto repair shop was noted in the 1950s. The gasoline station and auto repair were decommissioned in January 2018.

### **2.3 Physical Setting**

#### **2.3.1 Land Use**

The overall BCP Site is currently being redeveloped into a 59-story mixed-use building with approximately 938 residential units, including 234 affordable units. There is one cellar level in the eastern and central portions of the Site, beneath the mixed-use building, which will contain residential and retail storage space, residential amenities, utility rooms, and a gym. Retail space will be located on the ground floor of the building fronting 11<sup>th</sup> Avenue and West 30<sup>th</sup> Street. A slab-on-grade parking garage is being constructed on the Controlled Property immediately west-adjacent to the mixed-use building, along West 29<sup>th</sup> Street. The Site is zoned as C6-4X (commercial) and located within the Special Hudson River Park District.

### 2.3.2 Geology

Based on previous investigations, historic fill material (composed of sand and silt, with varying amounts of brick, plastic, wood, concrete, gravel, and asphalt) was observed in the soil borings from just below surface grade to approximately 15 feet below grade. The fill material was underlain by sand and silt to approximately 20 feet below grade. Based on a 2016 geotechnical investigation, competent bedrock, characterized as greenish-gray mica schist, was encountered between 35 below grade in the northeastern portion of the Site and 52 feet below grade in the southern portion of the Site, along West 29<sup>th</sup> Street.

### 2.3.3 Hydrogeology

Depth to groundwater beneath the Site was encountered between approximately 10 and 11 feet below grade on the Controlled Property. Based on topography and local hydrogeology, groundwater is expected to flow in a westerly to southwesterly direction toward the Hudson River.

## 2.4 Investigation and Remedial History

The following narrative provides a remedial history timeline and a brief summary of the available project records to document key investigative and remedial milestones for the overall BCP Site. Full titles for each of the reports referenced below are provided in Section 8.0 - References.

*Phase I Environmental Site Assessment, 301-309 11<sup>th</sup> Avenue & 603-613 West 29<sup>th</sup> Street, New York, NY, Fleming-Lee Shue, Inc., April 2012*

The 2012 Phase I Environmental Site Assessment (ESA) was performed by Fleming-Lee Shue, Inc. (FLS) in conformance with ASTM Standard E1527-05 (the standard at that time) and assessed the potential for the presence of hazardous materials, based on reconnaissance of the Site and surrounding area, review of data on geology and hydrology of the surrounding area, examination of historical Sanborn Fire Insurance maps and aerial photographs, review of prior reports, and review of pertinent federal and state regulatory databases. “Recognized Environmental Conditions” (RECs), meaning the presence or likely presence of any hazardous substances or petroleum products, were identified at the Site, specifically:

- The northeastern corner of the Site (former Lot 36) was utilized as a gas station since circa 1927 (and was still in operation at the time of this assessment). The gasoline station was registered in the NYSDEC Petroleum Bulk Storage (PBS) database (PBS Facility ID 2-157953) with 29 underground storage tanks (USTs), six of which were in service at the time of the Phase I ESA.
- Petroleum Spill No. 9305598 was reported in August 1993 when contaminated soil was encountered during removal of seventeen 550-gallon gasoline USTs. According to *Site Status Update Reports* by ARCADIS of New York, Inc. (ARCADIS), enhanced fluid recovery (EFR) events were conducted between January 2006 and March 2010, with additional vacuum-enhanced recovery, high vacuum dual-phase extraction (HVDPE), and soil vapor extraction (SVE) occurring in 2012 in response to continuing free product (LNAPL). Chemical oxidation injections were performed in June 2010. ARCADIS reported that further recovery and remediation of residual free product was not feasible due to low soil permeability and Site logistics. According to the spill file notes, the cleanup did not meet NYSDEC standards, but further remediation was infeasible. Contamination was reportedly limited to groundwater in one area and was not migrating off-site.



- Historical on-site uses included automobile/truck repair, freight businesses, a smelting and refining facility, an iron works, a waste transfer business, an asbestos warehouse, and an art studio with paint booths.
- Historical and current industrial uses in the surrounding area, included rail and freight yards, garages and auto-related facilities with gasoline tanks, and a Con Edison Service Center. The regulatory database identified additional nearby sites with PBS, Brownfield, Resource Conservation and Recovery Act (RCRA), and active- and closed-status spill listings.
- The on-site gasoline station used two hydraulic lifts, which were noted to have possibly contained polychlorinated biphenyls (PCBs). Based on the ages of the buildings, lead-based paint (LBP), asbestos-containing materials (ACM), and PCBs were noted to have the potential to be present in building materials.
- The southeastern corner of the Site (former Lot 29) was identified as a Small Quantity Generator (SQG) of hazardous wastes, with waste manifests indicating generation of spent non-halogenated solvents, ignitable, methyl ethyl ketone, chromium, and barium. Paints and solvents were observed during the Site inspection, with no evidence of material release noted. There were no violations reported for this SQG facility.

Based on the findings of the Phase I ESA, a Phase II assessment was recommended to determine whether the subsurface conditions had been affected by former and/or then-current on- and off-site uses.

Phase II Environmental Site Investigation Report, 301-309 11<sup>th</sup> Avenue & 603-613 West 29<sup>th</sup> Street, New York, NY, Fleming-Lee Shue, Inc., August 2013

FLS conducted a Subsurface (Phase II) Investigation at the Site in May and June 2013. The investigation consisted of: a geophysical survey; the advancement of eight soil borings with the collection and laboratory analysis of eight soil samples; the installation of five temporary groundwater monitoring wells and the collection and laboratory analysis of five groundwater samples; and the installation of two temporary soil vapor points with the collection and laboratory analysis of two soil vapor samples. A Geoprobe<sup>®</sup> direct-push probe equipped with a two-inch diameter Macro-Core<sup>®</sup> sampler was used to advance the soil borings and install soil vapor points.

The geophysical survey identified anomalies along the western side of former Lot 12. Although the geophysical survey could not verify whether these anomalies were UST structures, they were in the area where USTs were shown on historic maps.

Historic fill materials (including silty sand, brick, concrete, ash, cinders, and wood) were encountered from just below surface down to approximately 15 feet below grade, underlain by sand and silt to the boring termination depth of 20 feet below grade. Soil samples were screened for volatile organic compounds (VOCs) with a photoionization detector (PID). Elevated PID readings up to 98.3 parts per million (ppm) were detected in the majority of the borings, with the exception of SB-4, located in the south-central portion of the Site on former Lot 12. Groundwater was encountered between approximately 10 and 15 feet below grade and was assumed to flow in a westerly direction toward the Hudson River.

Soil samples were analyzed for VOCs by United States Environmental Protection Agency (USEPA) Method 8260, semivolatile organic compounds (SVOCs) by EPA Method 8270, target analyte list (TAL) Metals by EPA Method 6010, pesticides by EPA Method 8081, and PCBs by EPA Method 8082. Soil sample analytical results were compared to the NYSDEC 6 NYCRR Part 375 UUSCOs and Restricted Residential Use (RRSCOs).

Results of the soil sample analysis were reported as follows:

- No VOCs were detected at concentrations above the UUSCOs or RRSCOs in any of the soil samples analyzed.
- Up to 14 polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs commonly associated with fill materials and combustion products such as coal and/or petroleum, were detected above their respective UUSCOs and RRSCOs in four soil samples at concentrations ranging from 0.99 to 330 milligrams per kilogram (mg/kg). Several samples required dilution during analysis due to elevated SVOC concentrations.
- Metals were detected in each of the eight soil samples analyzed. Copper (maximum concentration of 50.5 mg/kg), lead (maximum concentration of 503 mg/kg), mercury (maximum concentration of 0.91 mg/kg), and zinc (maximum concentration of 206 mg/kg) were detected at concentrations above their respective UUSCOs. Mercury and lead were detected above their respective RRSCOs.
- PCBs were detected in one soil sample [SB-8 (8-9)] at a concentration of 0.28 mg/kg, above the UUSCO of 0.1 mg/kg but below the RRSCO of 1 mg/kg. PCBs were not detected in any other soil samples. Pesticides were not detected above laboratory detection limits in the soil samples.

Groundwater samples were analyzed for VOCs by EPA Method 8260; no groundwater samples were analyzed for SVOCs, metals, PCBs, or pesticides. Analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs). Results of the groundwater sample analyses were as follows:

- Isopropylbenzene was detected in groundwater sample MW-1 at a concentration of 6.2 micrograms per liter ( $\mu\text{g/L}$ ), above the AWQSGV of 5  $\mu\text{g/L}$ . Toluene was detected in groundwater sample MW-3 at a concentration of 19  $\mu\text{g/L}$ , above the AWQSGV of 5  $\mu\text{g/L}$ . No other VOCs were detected above their respective AWQSGVs.

Soil vapor samples were analyzed for VOCs by EPA Method TO-15. FLS compared the analytical results to the New York State Department of Health (NYSDOH) 2006 Guidance for Evaluating Soil Vapor Intrusion Air Guidance Values (AGVs). Results of the soil vapor sample analyses were as follows:

- Methylene chloride was detected in soil vapor sample SG-1 at a concentration of 99 micrograms per cubic meter ( $\mu\text{g/m}^3$ ), above the NYSDOH AGV of 60  $\mu\text{g/m}^3$ . No other VOCs were detected above the AGVs.
- Tetrachloroethene (PCE) was detected in soil vapor sample SG-2 at a concentration of 33  $\mu\text{g/m}^3$ , below the NYSDOH AGV of 60  $\mu\text{g/m}^3$ . Trichloroethene (TCE) was detected in soil vapor sample SG-2 at a concentration of 0.64  $\mu\text{g/m}^3$ , below the NYSDOH AGV of 2  $\mu\text{g/m}^3$ .
- VOCs commonly associated with petroleum (1,2,4-trimethylbenzene, n-butane, n-heptane, n-hexane, toluene, and xylenes) and solvents (carbon disulfide and chloroform), for which there are no AGVs were established, were detected at elevated levels, likely due to the Site's historic industrial use.

#### Site Status Update Reports, ARCADIS

Between 1993 and 2014, GSC/Kleinfelder and Kleinfelder East Inc. (Kleinfelder) and ARCADIS conducted investigation and remediation of a petroleum spill at 309 11<sup>th</sup> Avenue (former Lot 36). Petroleum Spill No. 9305598 was reported in August 1993 when contaminated soil was encountered during removal of seventeen, 550-gallon gasoline USTs. According to multiple *Site*

*Status Update Reports* prepared by ARCADIS, EFR events were conducted from January 2006 to March 2010, with additional HVDPE and SVE occurring in 2012 and 2013 in response to continuing free product (LNAPL). Chemical oxidation injections were performed in June 2010. Gauging of nine groundwater monitoring wells and replacing product-absorbing socks were conducted until August 2014. ARCADIS reported that further recovery/remediation of residual free product was not feasible due to low soil permeability and Site logistics. According to the spill file notes, the cleanup did not meet NYSDEC standards, but further remediation was infeasible. Contamination was reportedly limited to groundwater in one area and was not migrating off-site. In a letter dated November 26, 2014, the NYSDEC granted closure to the spill case with a “does not meet standards” classification. The spill was also subject to a Consent Order dated February 23, 2012, which was satisfied with spill closure.

Routine groundwater monitoring conducted between 2005 and 2014 largely consisted of sampling for select VOCs; full VOCs, SVOCs, PCBs and TAL metals were analyzed during one round in July 2007. ARCADIS indicated that July 2014 was the first month where groundwater monitoring well MW-8R did not contain measurable LNAPL since May 2014; however, measureable LNAPL was reported in other wells during the latest groundwater sampling events conducted in 2013 and 2014, prior to the spill closure in November 2014. Furthermore, petroleum-related VOCs were detected at concentrations well above the NYSDEC AWQSGV in up to six monitoring wells during the last groundwater sampling events.

*Preliminary Geotechnical Engineering Report, West 29<sup>th</sup> Street, New York, NY, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C., December 2016*

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C., (Langan) conducted a geotechnical investigation at the Site in August and September 2016. Twenty-one borings were advanced to maximum depths between 44 to 94.5 feet below grade. Soil samples were collected and submitted to a laboratory for analysis of geotechnical properties; no environmental sampling was performed during this investigation.

The results of the investigation indicated that the stratigraphy beneath the Site consisted of uncontrolled fill material composed of sand with varying amounts of gravel, silt, clay, brick, wood, concrete, asphalt, tile, glass, and occasional boulders. Fill material was encountered up to maximum depths between 20 and 35 feet below grade and was observed to increase in thickness toward the western portion of the Site. Fill material was underlain by silty clay and silty sand. The top of weathered rock was encountered between 40 and 86 feet below grade. Competent bedrock, characterized as greenish-gray mica schist, was encountered between 35 and 93 feet below grade.

Two observation wells were installed in borings B-2 and B-9, located in the northeastern and southwestern portions of the Site, respectively. Groundwater was encountered at approximately 14 feet and 8 feet below grade in observation wells B-2 and B-9, respectively.

*Tank Closure Report – Former Mobil Branded #10357, 309 11<sup>th</sup> Avenue, New York, NY, ARCADIS, March 2018*

Between January 24 and 30, 2018, ARCADIS oversaw the removal of five 4,000-gallon USTs, one 550-gallon underground used oil UST, two hydraulic lifts, and associated underground piping from the former gasoline station located on former Lot 36. Tank contents were pumped out and the tanks were cleaned prior to off-site disposal as scrap metal. Upon removal, the tanks and surrounding soil were inspected for evidence of product leakage. No evidence of a leak or spill was observed during the tank removal or cleaning process. ARCADIS collected confirmatory post-excavation endpoint samples from the bottom of excavation and the sidewalls. Soil samples were analyzed by Contest Analytical Laboratories of East Longmeadow, Massachusetts for VOCs and SVOCs. Laboratory analytical results were compared to Tables 2 and 3 of the NYSDEC Commissioners

Policy (CP-51) Soil Cleanup Guidance. Up to seven SVOCs (consisting of PAHs) were detected in three bottom excavation samples and one sidewall sample at concentrations above the CP-51 SCOs. Mixed and total xylenes and trimethylbenzene were detected at concentrations above the CP-51 SCOs in three post-excavation samples collected from beneath the tank dispenser piping. Groundwater was not encountered during any of the tank removal activities.

Following collection of the post-excavation endpoint samples, approximately 60 cubic yards of fill and 40 cubic yards of crushed stone aggregate were imported to the Site for use as backfill. The material was obtained from Evergreen Recycling of Corona in Corona, New York. Prior to importation to the Site, ARCADIS collected one composite sample from each type of backfill material for analysis of total VOCs, total SVOCs, total inorganics, PCBs, pesticides, and herbicides. Laboratory analytical results were compared to the DER-10 Commercial or Industrial Use and Restricted Residential Use criteria. No exceedances of the criteria were reported.

The PBS registration was updated with NYSDEC to reflect the tank closure for facility number 2-157953.

Remedial Investigation Report, 601 West 29<sup>th</sup> Street, New York, NY, AKRF, Inc., January 2019

AKRF conducted a Remedial Investigation (RI) at the Site in July 2018 in accordance with the NYSDEC-approved Remedial Investigation Work Plan (RIWP). The sampling procedures of the RI were performed in accordance with the NYSDEC Technical Guidance for Site Investigation and Remediation DER-10. The RI Report (RIR) also includes findings from AKRF's June 2017 Phase II Investigation.

Soil observed in the borings consisted of fill comprising sand and gravel with varying amounts of concrete, brick, wood, and asphalt, down to the terminus of the borings at approximately 15 feet below grade. One boring was advanced to 20 feet below grade, which identified fill material down to 15 feet below grade, underlain by sand with a trace of gravel from 15 to 20 feet below grade.

Results of the soil sample analysis were as follows:

Phase II Investigation

- Evidence of grossly-contaminated media, as defined in 6 NYCRR Part 375 and DER-10, was encountered during the Phase II Investigation in borings advanced in the western portion of the Site. Elevated PID readings up to 1,300 parts per million (ppm) and petroleum-like odors were detected in boring SB-9 down to 25 feet below grade. Additionally, a sheen was observed in soil samples at approximately 23 to 24 feet below grade. Based on the field observations, a spill was reported to NYSDEC; Spill No. 1702811 was assigned to the Site in June 2017.
- The petroleum-related VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, n-propylbenzene, and total xylenes were detected at concentrations above their respective UUSCOs in three soil samples. Acetone, a common laboratory contaminant, was also detected in one soil sample [SB-9 (2-4)] at a concentration of 0.0508 mg/kg, above its UUSCO of 0.05 mg/kg. No VOCs were detected above their respective RRSCOs.
- Up to seven SVOCs were detected above their respective UUSCOs and/or RRSCOs in eight soil samples. Individual concentrations ranged from 0.557 to 38.3 mg/kg. The detections consisted of PAHs.
- PCBs were detected above the UUSCO of 0.1 mg/kg in 5 soil samples at concentrations ranging from 0.247 to 1.83 mg/kg. Of these exceedances, PCBs were also detected above the RRSCO of 1 mg/kg in 3 soil samples [SB-9(2-4), SB-10(3-5), and the associated blind duplicate SB-X(3-5)]. The pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and/or dieldrin were detected in four

soil samples at concentrations above their respective UUSCOs. No pesticides were detected above the RRSCOs.

- Up to 20 metals were detected in the soil samples analyzed during the Phase II Investigation. Arsenic (maximum concentration of 15.9 mg/kg), barium (maximum concentration of 522 mg/kg), cadmium (maximum concentration of 6.4 mg/kg), copper (maximum concentration of 513 mg/kg), hexavalent chromium (maximum concentration of 11.6 mg/kg), lead (maximum concentration of 509 mg/kg), mercury (maximum concentration of 2 mg/kg), silver (maximum concentration of 4.4 mg/kg), and zinc (maximum concentration of 4,660 mg/kg) were detected at concentrations above their respective UUSCOs. Of these exceedances, barium, cadmium, copper, lead, and mercury were also detected at concentrations above their respective RRSCOs.

#### Remedial Investigation

- In an effort to delineate the extent of petroleum contamination observed at boring SB-9 during the 2017 Phase II Investigation, soil borings RI-SB-1, RI-SB-1N, RI-SB-10, RI-SB-11, RI-SB-12, RI-SB-12E, and RI-SB-12E2 were advanced around boring SB-9. Evidence of grossly-contaminated media, including petroleum-like odors and elevated PID readings, were encountered at borings RI-SB-1, RI-SB-10, RI-SB-11, RI-SB-12, and RI-SB-12E down to a maximum depth of approximately 20 feet below grade. PID readings were detected up to 4,254 ppm, the highest of which were detected in boring RI-SB-12E, immediately above the water table. Elevated PID readings up to 15,000 ppm and petroleum-like odors were detected in borings RI-SB-7, RI-SB-8, and RI-SB-9, advanced in the former gasoline station. The highest PID readings were detected in boring RI-SB-7 down to approximately 15 feet below grade.
- Acetone, benzene, and total xylenes were detected at concentrations above their respective UUSCOs, but below the RRSCOs, at concentrations up to 6.9 mg/kg. No VOCs were detected above their respective RRSCOs.
- Up to 8 PAHs were detected above their respective UUSCOs and/or RRSCOs in 16 soil samples. Individual concentrations ranged from 0.34 to 10 mg/kg.
- PCBs were detected above the UUSCO of 0.1 mg/kg in 11 soil samples at concentrations ranging from 0.59 to 2.1 mg/kg. Total PCBs were also detected above the RRSCO of 1 mg/kg in 3 samples [RI-SB-1 (3-5), RI-SB-X, and RI-SB-10(7-9)] at concentrations of 1.4 mg/kg, 1.3 mg/kg, and 2.1 mg/kg, respectively. The pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, delta-BHC, dieldrin, and endrin were detected in up to 13 soil samples at concentrations above UUSCOs, but below RRSCOs. Concentrations ranged from 0.011 mg/kg to 0.14 mg/kg.
- Up to 13 metals were detected in the soil samples analyzed during the RI. Arsenic (maximum concentration of 27.5 mg/kg), barium (maximum concentration of 508 mg/kg), cadmium (maximum concentration of 13.9 mg/kg), copper (maximum concentration of 9,540 mg/kg), lead (maximum concentration of 839 mg/kg), mercury (maximum concentration of 3.2 mg/kg), nickel (maximum concentration of 44.3 mg/kg), silver (maximum concentration of 4.2 mg/kg), and zinc (maximum concentration of 6,220 mg/kg) were detected at concentrations above their respective UUSCOs. Of these exceedances, arsenic, barium, cadmium, copper, lead, and mercury were detected at concentrations above the RRSCOs.

Results of the groundwater sample analysis from the RI were as follows:

- Up to seven petroleum-related VOCs, including benzene, toluene, ethylbenzene, xylenes, isopropylbenzene, methyl-tert butyl ether (MTBE), were detected in groundwater samples RI-MW-7 and RI-MW-9 at concentrations above the AWQSGV. Individual concentrations ranged from 2.2 µg/L to 75 µg/L.

- Up to 15 SVOCs were detected in the groundwater samples at concentrations ranging from 0.57 µg/L to 20 µg/L. Detections primarily consisted of PAHs. Benzo(a)anthracene was detected above its AWQSGV of 0.002 µg/L in samples RI-MW-2, and the associated blind duplicate, RI-MW-X, at concentrations of 1.1 µg/L and 0.83 µg/L, respectively. Benzo(a)pyrene was detected above its AWQSGV of non-detect in samples RI-MW-2 and RI-MW-X at concentrations of 0.91 µg/L and 0.57 µg/L, respectively. Chrysene was detected above its AWQSGV of 0.002 µg/L in sample RI-MW-2 at a concentration of 1.1 µg/L. Naphthalene was detected above its AWQSGV of 10 µg/L in sample RI-MW-7 at a concentration of 11 µg/L.
- No pesticides or PCBs were detected above laboratory reporting limits in any of the groundwater samples.
- Seven metals (antimony, chromium, iron, lead, magnesium, manganese, and sodium) were detected in at least one groundwater sample in either the total analyses and/or dissolved analyses at concentrations exceeding the AWQSGV. Individual metal concentrations above the AWQSGV ranged from 4.1 µg/L to 475,000 µg/L.
- Three groundwater samples (RI-MW-1, RI-MW-3, and RI-MW-9) were analyzed for the list of 21 per- and polyfluoroalkyl substances (PFAS) compounds by EPA Method Modified 537. While there is no standard for individual PFAS compounds in groundwater, the USEPA Drinking Water Health Advisory Level is 70 nanograms per liter (ng/L), or parts per trillion (ppt), for the combined concentrations of PFAS. The combined concentration of PFAS were reported above 70 ppt in each of the three groundwater samples at concentrations ranging from 158 to 1,149 ppt.

There are currently no regulatory standards or guidance values for VOCs in soil vapor. As such, the detected compounds were not compared to a standard. Results of the soil vapor sample analysis from the RI were as follows:

- VOCs typically associated with petroleum (including benzene, toluene, ethylbenzene, xylenes, 2,2,4-trimethylbenzene, cyclohexane, ethanol, methyl ethyl ketone, heptane, and hexane) were detected at individual concentrations up to 6,800,000 µg/m<sup>3</sup>.
- Solvent-related VOCs (including 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, acetone, carbon disulfide, chloroform, PCE, and TCE) and the refrigerants dichlorodifluoromethane and trichlorofluoromethane were detected at individual concentrations up to 16,000 µg/m<sup>3</sup> (1,1-dichloroethane in sample RI-SV-4). 1,1-dichloroethene was detected in sample RI-SV-4 at a concentration of 93 µg/m<sup>3</sup>. PCE was detected in four samples at concentrations ranging from 7.6 to 140 µg/m<sup>3</sup>. TCE was detected above its AGV of 2 µg/m<sup>3</sup> in two soil vapor samples (RI-SV-1 and RI-SV-4) at concentrations of 150 µg/m<sup>3</sup> and 25 µg/m<sup>3</sup>, respectively.

Pre-Design Investigation Report, 601 West 29<sup>th</sup> Street, New York, NY, AKRF, Inc., March 2019

AKRF conducted a Pre-Design Investigation (PDI) at the Site between November 2018 and January 2019, in accordance with the NYSDEC-approved PDI Work Plan (PDIWP). This PDIWP was prepared to further delineate known on-site contamination and to aid in the design of the proposed remedy, which was detailed in the Remedial Action Work Plan (RAWP). The sampling procedures of the PDI were performed in accordance with the NYSDEC Technical Guidance for Site Investigation and Remediation DER-10. The PDI included: the advancement of 12 soil borings with the collection of 31 soil samples; installation of 4 temporary groundwater monitoring wells with the collection of 4 groundwater samples; and the installation of 6 soil vapor points with the collection of 6 soil vapor samples and 1 ambient (outdoor) air sample.

Soil observed in the borings advanced as part of the PDI consisted of fill comprising sand and gravel with varying amounts of concrete, brick, wood, and asphalt, from just below surface grade down to approximately 6 to 15 feet below grade. The fill material was underlain by sand, gravel, and silt to a maximum depth of 21 feet below grade. Groundwater was encountered between approximately 7 and 12 feet below grade in on-site groundwater monitoring wells. Bedrock was not encountered in any of the borings.

Results of the soil sample analysis were as follows:

- Nine of the 53 VOCs analyzed for during the PDI were detected in one or more of the soil samples. Ethylbenzene and total xylenes were detected above the RRSCOs in sample PDI-SB-12(16-18) at concentrations of 67 mg/kg and 202 mg/kg, respectively.
- Up to seven SVOCs were detected above their respective UUSCOs and/or RRSCOs in 16 soil samples. Individual concentrations ranged from 0.34 to 14 mg/kg.
- PCBs and pesticides were not detected above the UUSCOs or RRSCOs in any soil samples.
- Six metals (arsenic, barium, copper, lead, mercury, and zinc) were detected in at least one of the soil samples at concentrations above UUSCOs and/or RRSCOs. Arsenic (maximum concentration of 32.2 mg/kg), barium (maximum concentration of 607 mg/kg), copper (maximum concentration of 103 mg/kg), lead (maximum concentration of 1,660 mg/kg), mercury (maximum concentration of 1.1 mg/kg), and zinc (maximum concentration of 985 mg/kg) were detected at concentrations above their respective UUSCOs. Of these exceedances, arsenic, barium, lead, and mercury were detected at concentrations above the RRSCOs.

Results of the groundwater sample analysis were as follows:

- The petroleum-related VOCs, benzene and MTBE, were detected in groundwater sample PDI-MW-05 at concentrations of 2.1 µg/L and 34 µg/L, respectively, above the AWQSGV. No other VOCs were detected above the AWQSGV in the groundwater samples.
- Up to 12 SVOCs were detected in each of the groundwater samples at concentrations ranging from 0.79 µg/L to 32 µg/L. Acenaphthene was detected in sample PDI-MW-05 at a concentration of 32 µg/L, above the AWQSGV of 20 µg/L. Benzo(a)anthracene was detected in sample PDI-MW-01 at a concentration of 1.1 µg/L, above the AWQSGV of 0.002 µg/L. Benzo(a)pyrene was detected in sample PDI-MW-01 at an estimated concentration of 0.79 µg/L, above the AWQSGV of non-detected. Chrysene was detected in sample PDI-MW-01 at an estimated concentration of 1 µg/L, above the AWQSGV of 0.002 µg/L.
- Groundwater samples collected during the PDI were not analyzed for PCBs, pesticides, or metals.

Results of the soil vapor sample analysis were as follows:

- VOCs typically associated with petroleum (including BTEX, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, butane, cyclohexane, n-heptane, n-hexane, and MTBE) were detected at individual concentrations up to 1,700 µg/m<sup>3</sup> (n-hexane in sample PDI-SV-01).
- Solvent-related VOCs (including 1,1-dichloroethane, 2-hexanone, acetone, carbon disulfide, carbon tetrachloride, chloroform, PCE, tetrahydrofuran, and TCE) and the refrigerants chlorodifluoromethane, dichlorodifluoromethane, and trichlorofluoromethane were detected at individual concentrations up to 270 µg/m<sup>3</sup> (acetone in sample PDI-SV-06).

Remedial Action Work Plan, West 29<sup>th</sup> Street, 601 West 29<sup>th</sup> Street, New York, NY, AKRF, Inc., May 2019

AKRF prepared a RAWP in May 2019, which outlined the remedial activities and cleanup objectives for the Site. The RAWP proposed excavation of soil above the Track 1 UUSCOs with a Track 4 contingency in areas where Track 1 could not be achieved. The remedy also included installation of a waterproofing membrane/vapor barrier into the proposed building design as part of construction.

RAWP approval and the DD were both issued in July 2019.

## 2.5 Remedial Action Objectives

The Remedial Action Objectives (RAOs) for the Site as listed in the Decision Document dated July 2019 are as follows:

### Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection

- Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

### Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

### Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

## 2.6 Remaining Contamination

### 2.6.1 Soil

Following excavation of soil and fill material across the Site, 53 post-excavation endpoint samples were collected across the Site from the proposed remedial depth, in accordance with the RAWP. In addition, 10 endpoint samples were collected from below the tank



graves and one groundwater sample was collected from the tank grave in the northeastern portion of the Site. Track 1 UUSCOs were achieved at sample locations on the eastern and central portions of the Site beneath the proposed mixed-use building.

Track 4 site-specific soil clean-up objectives (SSSCOs) for restricted-residential use were achieved in the western portion of the Site in the area of the slab-on-grade parking garage (the Controlled Property), which is the subject to this SMP. The endpoint sample analytical results for the Controlled Property are included in Tables 6a through 6e. The post-excavation endpoint sample locations and comparison to the UUSCOs and RRSCOs in the Track 4 cleanup area are shown on Figure 3.

### **3.0 INSTITUTIONAL AND ENGINEERING CONTROL PLAN**

#### **3.1 General**

Since remaining contamination exists at the Controlled Property, ICs and ECs are required to protect human health and the environment. This IC/EC Plan describes the procedures for the implementation and management of all IC/ECs at the Controlled Property. The IC/EC Plan is one component of the SMP and is subject to revision by the NYSDEC.

This plan provides:

- A description of all IC/ECs on the Controlled Property;
- The basic implementation and intended role of each IC/EC;
- A description of the key components of the ICs set forth in the Environmental Easement;
- A description of the controls to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of IC/ECs, such as the implementation of the EWP (as provided in Appendix B) for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the Controlled Property; and
- Any other provisions necessary to identify or establish methods for implementing the IC/ECs required by the Controlled Property remedy, as determined by the NYSDEC.

#### **3.2 Institutional Controls**

A series of ICs is required by the RAWP to: (1) implement, maintain and monitor EC systems; (2) prevent future exposure to remaining contamination; and, (3) limit the use and development of the Controlled Property to restricted residential or commercial uses only for those portions of the Site where Track 1 was not achieved (i.e., Controlled Property). Adherence to these ICs on the Controlled Property is required by the Environmental Easement and will be implemented under this SMP. ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. The IC boundaries are shown on Figure 2. These ICs that apply to the Controlled Property are:

- The Controlled Property may be used for restricted residential, commercial, or industrial use;
- All ECs must be operated and maintained as specified in this SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the Controlled Property is prohibited without necessary water quality treatment to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from NYSDEC;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;

- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
- Access to the Controlled Property must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any future occupied buildings developed in the area within the IC boundaries (Controlled Property) noted on Figure 2, and any potential impacts that are identified must be monitored or mitigated; and
- In-ground vegetable gardens and farming on the Controlled Property are prohibited.

### **3.3 Engineering Controls**

#### **3.3.1 Composite Cover System**

Exposure to remaining contamination is prevented by a composite cover system placed over the Controlled Property. The cover system beneath the slab-on-grade parking garage is composed of a geotextile fabric indicating the extent of remedial soil excavation and remaining contamination, overlain by a minimum of 24 inches of clean, virgin crushed stone, GCP® Preprufe 300R (20-mil vapor barrier), and 12 inches of the concrete building slab. Figure 4 presents the location and components of the cover system for the Controlled Property.

The EWP provided in Appendix B outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying remaining contaminated soil is disturbed. Procedures for the inspection of this cover system are provided in the Monitoring and Sampling Plan included in Section 4.0 of this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and associated Community Air Monitoring Plan (CAMP) prepared for the Controlled Property and provided in Appendix C.

The composite cover system is a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in accordance with this SMP in perpetuity.

## **4.0 MONITORING AND SAMPLING PLAN**

### **4.1 General**

This Monitoring and Sampling Plan describes the measures for evaluating the overall performance and effectiveness of the remedy within the Controlled Property. This Monitoring and Sampling Plan may only be revised with the approval of NYSDEC. Details regarding the sampling procedures, data quality usability objectives, analytical methods, etc. for all samples collected as part of site management for the Controlled Property are included in the Quality Assurance Project Plan (QAPP) provided in Appendix D.

This Monitoring and Sampling Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media;
- Assessing compliance with applicable NYSDEC standards, criteria and guidance (SCGs), particularly Part 375 SCOs for soil; and
- Evaluating Controlled Property information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

To adequately address these issues, this Monitoring and Sampling Plan provides information on:

- Sampling locations, protocol, and frequency;
- Information on all designed monitoring systems;
- Analytical sampling program requirements; and
- Periodic inspection and certification.

Reporting requirements are provided in Section 7.0 of this SMP.

### **4.2 Site-Wide Inspections**

Inspections of the Controlled Property were performed at a minimum of once per year through 2024, and will be performed at a minimum of once every five years thereafter. Modification to the frequency or duration of the inspections will require approval from the NYSDEC. Site-wide inspections will also be performed after all severe weather conditions that may affect ECs. During these inspections, an inspection form will be completed as provided in Appendix E (Site Management Forms). The form will compile sufficient information to assess the following:

- Compliance with all ICs, including Site usage;
- An evaluation of the condition and continued effectiveness of ECs;
- General site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection; and
- Confirm that site records are up to date.

Inspections of all remedial components installed at the Controlled Property will be conducted. A comprehensive site-wide (Controlled Property) inspection will be conducted and documented according to the SMP schedule, regardless of the frequency of the Periodic Review Report (PRR). The inspections will determine and document the following:

- Whether ECs continue to perform as designed;

- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Environmental Easement;
- Achievement of remedial performance criteria; and
- If site records are complete and up to date.

Reporting requirements are outlined in Section 7.0 of this SMP. Inspections will also be performed in the event of an emergency. If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs that reduces or has the potential to reduce the effectiveness of ECs in place at the site, verbal notice to the NYSDEC must be given by noon of the following day. In addition, an inspection will be conducted within five days of the event to verify the effectiveness of the IC/ECs implemented at the Controlled Property by a Qualified Environmental Professional (QEP), as determined by NYSDEC. Written confirmation must be provided to NYSDEC within seven days of the event that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.

## **4.3 Monitoring and Sampling**

### **4.3.1 Composite Cover System**

Exposure to residual contaminated soil remaining at the Controlled Property is being prevented by an engineered composite cover system, as shown on Figure 4. The composite cover system will remain intact 24-hours a day, 7 days a week, and 365 days a year. Disturbance of the composite cover system or EC components is prohibited by the Environmental Easement.

Monitoring of the composite cover system within the Controlled Property occurred on an annual basis through 2024, and will be conducted at a minimum of once every five years thereafter as long as the Environmental Easement is in effect to ensure the system's integrity. Monitoring will consist of a visual inspection to evaluate the integrity of the exposed concrete foundation slabs, support columns into the floors, and the wall joints. If any cracks or openings are identified, they will be screened for organic vapors using a PID and any readings will be noted. In addition, any cracks or openings in the floor will be properly sealed. The results of the inspection will be included in the PRR. In addition, the composite cover system must be inspected and certified any time a disturbance in the system occurs. The inspection frequency is subject to change with the approval of NYSDEC. Unscheduled inspections and/or sampling may take place when a suspected failure of the composite cover system has been reported or an emergency occurs that is deemed likely to affect the operation of the system.

### **4.3.2 Soil Vapor Intrusion Evaluation**

The Controlled Property consists of a ventilated parking garage, which was constructed with a 20-mil vapor barrier beneath the foundation slab. Additionally, no VOCs, with the exception of acetone, were detected above the UUSCOs or RRSCOs in post-excavation endpoint samples collected beneath the Controlled Property. As the vapor barrier and ventilation requirements for indoor parking will address potential vapor intrusion concerns (if any), no additional mitigation, monitoring, or sampling is required at this time.

### **4.3.3 Soil Vapor Intrusion Sampling**

Based on the soil vapor intrusion evaluation conducted for the proposed new building, soil vapor intrusion sampling is not needed at this time. However, if the parking garage is

replaced by a new structure or if a structure is converted to an occupied use, vapor intrusion sampling consisting of soil vapor, indoor air, and ambient air sampling will be conducted in accordance with the NYSDOH Soil Vapor Intrusion Guidance. A vapor intrusion work plan outlining the proposed sampling plan will be submitted to NYSDEC and NYSDOH for their review and approval prior to conducting any sampling.

#### **4.3.4 Groundwater Sampling**

Groundwater monitoring was required to demonstrate post-remedial bulk reduction of VOC contaminants in groundwater in comparison to pre-remedial conditions. The Volunteer submitted a Groundwater Monitoring Plan to NYSDEC for review and approval, which outlined the well installation methods, sampling procedures, and frequency, to demonstrate achievement of the remedial goals for groundwater in the former gas station lot, which was located within the northeastern portion of the Track 1 area of the Site.

The newly constructed building foundation in the Track 1 portion of the Site includes a waterproofed pressure slab installed approximately 5 feet below the water table, which prohibits direct (vertical) installation of monitoring wells within the building.

The support of excavation (SOE) system used to construct the foundation included driving permanent interlocking steel sheeting to bedrock (depths of approximately 40 to 60+ feet below grade) along the entire perimeter of the building to create a "bathtub" for excavation and dewatering for the foundation. While the sheeting was interlocking and was intended to restrict the flow of groundwater through the perimeter during foundation construction, the seams were not grouted and no gaskets were installed to seal the sheets. The foundation was then built with a waterproofed pressure slab approximately 5 feet below the water table and sidewalls up against the sheeting. Most of the gaps between the sheeting and the sidewalls were then filled with "flowable fill", which is low-strength concrete.

Potential locations along the perimeter of the foundation where the interior of the sheeting (between the foundation sidewall and sheeting) was not filled with flowable fill were identified for monitoring well installation. This would allow for the collection of groundwater samples that would approximate conditions below the building, since the soil inside the sheeting was excavated and subject to dewatering (as opposed to sampling groundwater in the sidewalk outside of the sheeting where no excavation or dewatering occurred).

#### **4.3.5 Quarterly Groundwater Monitoring**

AKRF prepared a Groundwater Monitoring Plan in February 2021, which outlined the proposed well installation locations and methods, sampling procedures, and frequency to demonstrate achievement of the remedial goals for groundwater in the former gas station lot. The Groundwater Monitoring Plan was approved by NYSDEC in a letter dated March 2, 2021.

In April 2021, AKRF installed three 1-inch diameter permanent groundwater monitoring wells (MW-01, MW-02, and MW-03) along the northern and eastern boundaries of the former gas station lot. Quarterly groundwater sampling was conducted between April 2021 and January 2022. The well construction, development, and sampling details are provided in the May 2022 Groundwater Monitoring Report (see Appendix G). The laboratory results are included in Table 7 and summarized below:

- Across the four sampling events, the compounds benzene, cymene, ethylbenzene, m,p-xylenes, o-xylene, and/or toluene were detected in the groundwater samples at

concentrations above the Class GA AWQSGVs. In April 2021, concentrations above the AWQSGVs ranged from 1.5 µg/L (benzene in sample MW-01\_20210430) to 69 µg/L (m,p-xylene in sample MW-01\_20210430).

- In monitoring well MW-01, VOC concentrations significantly decreased from April 2021 through January 2022 in monitoring well MW-01, with low levels of benzene, ethylbenzene, m,p-xylenes, and o-xylenes detected at concentrations ranging from 0.45 to 4.5 µg/L, below their respective AWQSGVs.
- In monitoring well MW-02, concentrations of benzene, ethylbenzene, m,p-xylenes, o-xylene, and toluene were detected at concentrations up to 25 µg/L above the AWQSGVs during the first two sampling events in April and July 2021. In October 2021 and January 2022, VOC concentrations decreased and benzene was detected at concentrations of 5.5 µg/L and 3.9 µg/L, respectively, above the AWQSGV of 1 µg/L. No other VOCs were detected above the AWQSGVs during the October 2021 and January 2022 sampling events.
- In monitoring well MW-03, cymene was detected above the AWQSGV of 5 µg/L at concentrations ranging from 6.8 to 26 µg/L. Although concentrations decreased, they remained relatively consistent during the last two sampling events in October 2021 and January 2022.

#### 4.3.5.1 Comparison to Pre-Remedial Conditions

Post-remedial groundwater sample analytical results were compared to groundwater samples collected near the former gas station lot during spill monitoring by ARCADIS in 2014 and the 2018 RI conducted by AKRF. Petroleum-related VOCs were detected in groundwater at concentrations up to 1,900 µg/L in 2014. During the 2018 RI, isopropylbenzene, MTBE, m,p-xylenes, naphthalene, o-xylene, and toluene were detected at elevated concentrations up to 75 µg/L, above their respective AWQSGVs. By October 2021 and through January 2022, these compounds were not detected at concentrations above the AWQSGVs. Furthermore, during the January 2022 sampling event, only benzene and cymene were detected at relatively low concentrations, but above the AWQSGVs (3.9 µg/L and 15 µg/L, respectively).

#### 4.3.5.2 July 2022 Groundwater Sampling and Discontinuance

As requested by NYSDEC, an additional round of groundwater sampling was performed in July 2022. The latest round of data was consistent with the previous quarterly results and indicates that VOC concentrations have stabilized. Additionally, the benzene concentration in MW-02 has declined. As the parameters are consistent or indicate a decreasing trend and indicate that bulk remediation of VOCs has been demonstrated, AKRF, on behalf of the Volunteer, requested that groundwater monitoring be discontinued.

In a letter dated March 15, 2023, NYSDEC indicated that the Department reviewed the May 2022 Groundwater Monitoring Report and the subsequent results from the July 2022 sampling event and approved the recommendation for the discontinuance of groundwater monitoring.

## **4.4 Monitoring Reporting Requirements**

Forms and any other information generated during regular monitoring events and inspections will be kept on file on-site. All forms, and other relevant reporting formats used during the

monitoring/inspection events, will be (1) subject to approval by NYSDEC and (2) submitted at the time of the PRR, as specified in Section 7.2 of this SMP.

All monitoring results will be reported to NYSDEC on a periodic basis in the PRR. The document submittal will include, at a minimum:

- Date of event;
- Personnel conducting sampling;
- Description of the activities performed;
- Type of samples collected (e.g., soil, sub-slab vapor, indoor air, outdoor air, etc.);
- Copies of all field forms completed (e.g., chain-of-custody documentation);
- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- Copies of all laboratory data sheets and the required laboratory data deliverables required for all points sampled (to be submitted electronically in the NYSDEC-identified format);
- Any observations, conclusions, or recommendations; and
- A determination as to whether conditions have changed since the last reporting event.

Data will be reported in digital format sent to the attention of the current NYSDEC Project Manager. Annual PRRs were prepared by AKRF and submitted to NYSDEC between 2022 and 2024. In a letter dated January 31, 2025, NYSDEC approved the PRR for the 2023 through 2024 reporting period, and indicated that the certification and inspection frequency going forward is five years. The next PRR is due on May 29, 2029. A summary of the monitoring program deliverables is summarized in Table 3:

**Table 3**  
**Schedule of Monitoring/Inspection Reports**

<b>Task</b>	<b>Reporting Frequency<sup>1</sup></b>
Periodic Review Report (PRR)	Annually beginning 18 months after issuance of COC <sup>2</sup> through 2024, and every five years thereafter, with the next PRR due on May 29, 2029. Reporting will continue until termination of Environmental Easement.

Notes:

1. The frequency of events will be conducted as specified until otherwise approved by NYSDEC
2. COC – Certificate of Completion issued by NYSDEC.



A summary of the remedial system monitoring requirements and schedule is summarized in Table 4:

**Table 4**  
**Post-Remedial Monitoring Requirements and Schedule**

<b>Monitoring Program</b>	<b>Frequency*</b>	<b>Event</b>	<b>Matrix</b>
Composite Cover System	First inspection no more than 18 months after COC, then annually through 2024. Inspections will be conducted every five years thereafter, with the next inspection event conducted in 2029.	Inspection	Cover system integrity

\*The frequency of events will be conducted as specified until otherwise approved by NYSDEC.

A complete list of components to be inspected is provided in the Inspection Checklist, provided in Appendix E – Site Management Inspection Forms.

## **5.0 OPERATION AND MAINTENANCE PLAN**

### **5.1 General**

The Controlled Property remedy does not rely on any mechanical systems, such as groundwater treatment systems, sub-slab depressurization systems (SSDS), or air sparge/soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in this SMP.

## **6.0 PERIODIC ASSESSMENTS/EVALUATIONS**

### **6.1 Climate Change Vulnerability Assessment**

Increases in both the severity and frequency of storms/weather events, an increase in sea level elevations along with accompanying flooding impacts, shifting precipitation patterns and wide temperature fluctuation, resulting from global climactic change and instability, have the potential to significantly impact the performance, effectiveness and protectiveness of a given site and associated remedial components. Vulnerability assessments provide information so that the Controlled Property and associated remedial components are prepared for the impacts of the increasing frequency and intensity of severe storms/weather events and associated flooding.

This section provides a summary of vulnerability assessments that will be conducted for the site during periodic assessments, and briefly summarizes the vulnerability of the site and/or engineering controls to severe storms/weather events and associated flooding.

- **Flood Plain:** The Controlled Property is located within the New York City Waterfront Revitalization Program Coastal Zone and the Federal Emergency Management Agency (FEMA) Preliminary Flood Insurance Rate Maps (FIRM) Zone “AE” (Special Flood Hazard Area).
- **Site Drainage and Storm Water Management:** Stormwater in the Controlled Property vicinity flows to the New York City combined sewer system.
- **Erosion:** As the Controlled Property will be covered with a concrete cap, erosion is not anticipated to be an issue of concern.
- **High Wind:** All permanent building components are secured against high winds. In the event that high winds are forecasted for the Site, proper precautions will be taken to secure or shelter any Controlled Property components that are not protected against high winds.
- **Electricity:** Electricity to the on-site structures will be supplied by newly installed underground vaults and conduits and is not expected to be affected by severe weather events.
- **Spill/Contaminant Release:** Storage of large amounts of fuel oil or other chemicals at the Controlled Property is not expected, and would not anticipated to be affected by severe weather conditions.

### **6.2 Green Remediation Evaluation**

NYSDEC’s DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program including site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. This section of the SMP provides a summary of any green remediation evaluations to be completed for the Controlled Property during site management, and as reported in the Periodic Review Report (PRR).

#### **6.2.1 Building Operations**

Structures, including buildings, will be operated and maintained to provide for the most efficient operation of the remedy, while minimizing energy, waste generation and water consumption.

### **6.2.2 Frequency of System Checks, Sampling and Other Periodic Activities**

Transportation to and from the Controlled Property and use of consumables in relation to visiting the Controlled Property in order to conduct system checks and or collect samples and shipping samples to a laboratory for analyses have direct and/or inherent energy costs. The schedule and/or means of these periodic activities have been prepared so that these tasks can be accomplished in a manner that does not impact remedy protectiveness, but reduces expenditure of energy or resources.

## **6.3 Remedial System Optimization**

A Remedial Site Optimization (RSO) study will be conducted any time that the NYSDEC or the remedial party requests in writing that an in-depth evaluation of the remedy is needed. An RSO may be appropriate if any of the following occur:

- The remedial actions have not met or are not expected to meet RAOs in the time frame estimated in the Decision Document;
- The management and operation of the remedy is exceeding the estimated costs;
- The remedy is not performing as expected or as designed;
- Previously unidentified source material may be suspected;
- Plume shift has potentially occurred;
- Site conditions change due to development, change of use, change in groundwater use, etc.;
- There is an anticipated transfer of the Site management to another remedial party or agency; or
- A new and applicable remedial technology becomes available.

An RSO will provide a critique of a site's conceptual model, give a summary of past performance, document current cleanup practices, summarize progress made toward the site's cleanup goals, gather additional performance, or media specific data and information and provide recommendations for improvements to enhance the ability of the present system to reach RAOs or to provide a basis for changing the remedial strategy.

The RSO study will focus on overall site cleanup strategy, process optimization and management with the intent of identifying impediments to cleanup and improvements to site operations to increase efficiency, cost effectiveness, and remedial time frames. Green remediation technology and principals are to be considered when performing the RSO.

## 7.0 REPORTING REQUIREMENTS

Maintenance reports (if any) and any other information generated during regular operations at the Controlled Property will be kept on-file on-site. All reports, forms, and other relevant information generated will be available upon request to the NYSDEC and submitted as part of the PRR, as specified in the Section 7.2 of this SMP.

### 7.1 Site Management Reports

All site management inspection, maintenance and monitoring events will be recorded on the appropriate site management forms provided in Appendix E. These forms are subject to NYSDEC revision.

All applicable inspection forms and other records, including media sampling data and system maintenance reports, generated for the Site during the reporting period will be provided in electronic format to the NYSDEC in accordance with the requirements of Table 5 and summarized in the PRR.

**Table 5**  
**Schedule of Interim Monitoring/Inspection Reports**

<b>Task/Report</b>	<b>Reporting Frequency*</b>
Periodic Review Report (PRR)	To begin 18 months after Certificate of Completion is issued through 2024. Every five years thereafter, with the next PRR due on May 29, 2029.

\* The frequency of events will be conducted as specified until otherwise approved by the NYSDEC.

All interim monitoring/inspections reports will include, at a minimum:

- Date of event or reporting period;
- Name, company, and position of person(s) conducting monitoring/inspection activities;
- Description of the activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet);
- Type of samples collected, if applicable (e.g., soil, indoor air, outdoor air, etc.);
- Copies of all field forms completed (e.g., chain-of-custody documentation, etc.);
- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- Copies of all laboratory data sheets and the required laboratory data deliverables required for all points sampled (to be submitted electronically in the NYSDEC-identified format);
- Any observations, conclusions, or recommendations; and
- A determination as to whether contaminant conditions have changed since the last reporting event.

Routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting maintenance activities;
- Description of maintenance activities performed;
- Any modifications to the system;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet); and
- Other documentation such as copies of invoices for maintenance work, receipts for replacement equipment, etc., (attached to the checklist/form).

Non-routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting non-routine maintenance/repair activities;
- Description of non-routine activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and
- Other documentation such as copies of invoices for repair work, receipts for replacement equipment, etc. (attached to the checklist/form).

Data will be reported in digital format as determined by the NYSDEC. Currently, data is to be supplied electronically and submitted to the NYSDEC EQuIS<sup>TM</sup> database in accordance with the requirements found at the following link: <http://www.dec.ny.gov/chemical/62440.html>.

## 7.2 Periodic Review Report

A PRR will be submitted to NYSDEC beginning 18 months after the COC is issued. After submittal of the initial PRR, the next PRR shall be submitted annually to NYSDEC or at another frequency as may be required by NYSDEC. In a letter dated January 31, 2025, NYSDEC indicated that following the 2023 through 2024 reporting period, the inspection and certification period frequency is every five years, and the next PRR is due on May 29, 2029. In the event that the Controlled Property is subdivided into separate parcels with different ownership, a single PRR will be prepared that addresses the Controlled Property described in the Environmental Easement, provided as Appendix A. The PRR will be prepared in accordance with NYSDEC's DER-10 and submitted within 30 days of the end of each certification period. Media sampling results will also be incorporated into the PRR. The report will include:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the Controlled Property.
- Results of the required site inspections and severe condition inspections, if applicable.
- All applicable site management forms and other records generated for the Controlled Property during the reporting period in the NYSDEC-approved electronic format, if not previously submitted.
- A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.
- A site evaluation, which includes the following:

- The compliance of the remedy with the requirements of the site-specific RAWP and Decision Document;
- The operation and the effectiveness of all remedial components, including identification of any needed repairs or modifications;
- Any new conclusions or observations regarding Controlled Property contamination based on inspections or any data generated;
- Recommendations regarding any necessary changes to the remedy and/or Monitoring and Sampling Plan; and
- The overall performance and effectiveness of the remedy.

#### 7.2.1 Certification of Institutional and Engineering Controls

Following the last inspection of the reporting period, a Professional Engineer licensed to practice in New York State will prepare, and include in the PRR, the following certification as per the requirements of NYSDEC DER-10:

*“For each institutional or engineering control identified for the Controlled Property, I certify that all of the following statements are true:*

- *The inspection of the Controlled Property to confirm the effectiveness of the Institutional and Engineering Controls required by the remedial program was performed under my direction;*
- *The Institutional Control and/or Engineering Control employed at this Controlled Property is unchanged from the date the control was put in place, or last approved by the Department;*
- *Nothing has occurred that would impair the ability of the control to protect the public health and environment;*
- *Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;*
- *Access to the Controlled Property will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;*
- *If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document;*
- *Use of the Controlled Property is compliant with the environmental easement;*
- *The Engineering Control systems are performing as designed and are effective;*
- *To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and*
- *The information presented in this report is accurate and complete.*

*I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, [name], of [business address], am certifying as Owner/Remedial Party or Owner’s/Remedial Party’s Designated Site Representative.”*

- *No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid; and*
- *The assumptions made in the qualitative exposure assessment remain valid.*

The signed certification will be included in the PRR.

The PRR will be submitted, in electronic format, to the NYSDEC Central Office, Regional Office in which the Site is located and the NYSDOH Bureau of Environmental Exposure Investigation. The PRR may need to be submitted in hard-copy format, as requested by the NYSDEC project manager.

### **7.3 Corrective Measures Work Plan**

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an institutional or engineering control, a Corrective Measures Work Plan will be submitted to the NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Work Plan until it has been approved by the NYSDEC.

### **7.4 Remedial Site Optimization Report**

In the event that an RSO is to be performed (see Section 6.3), upon completion of an RSO, an RSO report must be submitted to the Department for approval. The RSO report will document the research/ investigation and data gathering that was conducted, evaluate the results and facts obtained, present a revised conceptual site model and present recommendations. RSO recommendations are to be implemented upon approval from the NYSDEC. Additional work plans, design documents, HASPs etc., may still be required to implement the recommendations, based upon the actions that need to be taken. An FER and update to the SMP may also be required.

The RSO report will be submitted, in electronic format, to the NYSDEC Central Office, Regional Office in which the Controlled Property is located, Site Control, and the NYSDOH Bureau of Environmental Exposure Investigation.



## 8.0 REFERENCES

- 6NYCRR Part 375, Environmental Remediation Programs. December 14, 2006.
- NYSDEC DER-10 – “Technical Guidance for Site Investigation and Remediation.”
- NYSDEC, 1998. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. June 1998 (April 2000 addendum).
- Brownfield Cleanup Agreement – West 29<sup>th</sup> Street, 601 West 29<sup>th</sup> Street, New York, NY, March 2018.
- Decision Document – West 29<sup>th</sup> Street, Brownfield Cleanup Program, New York, New York County, July 2019.
- Brownfield Cleanup Agreement Amendment – West 29<sup>th</sup> Street, February 2020.
- *Phase I Environmental Site Assessment*, 301-309 11<sup>th</sup> Avenue & 603-613 West 29<sup>th</sup> Street, New York, NY, Fleming-Lee Shue, Inc., April 2012.
- *Phase II Environmental Site Investigation Report*, 301-309 11<sup>th</sup> Avenue & 603-613 West 29<sup>th</sup> Street, New York, NY, Fleming-Lee Shue, Inc., August 2013.
- *Site Status Update Report*, Service Station #10357 (17-510), 309 11<sup>th</sup> Avenue, New York, NY, ARCADIS, June 2014.
- *Site Status Update Report*, Service Station #10357 (17-510), 309 11<sup>th</sup> Avenue, New York, NY, ARCADIS, November 2014.
- *Preliminary Geotechnical Engineering Report*, West 29<sup>th</sup> Street, New York, NY, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C., December 2016.
- *Tank Closure Report* – Former Mobil Branded #10357, 309 11<sup>th</sup> Avenue, New York, NY, ARCADIS, March 2018.
- *Remedial Investigation Report*, 601 West 29<sup>th</sup> Street, New York, NY, AKRF, Inc., January 2019.
- *Pre-Design Investigation Report*, 601 West 29<sup>th</sup> Street, New York, NY, AKRF, Inc., March 2019.
- *Remedial Action Work Plan*, West 29<sup>th</sup> Street, 601 West 29<sup>th</sup> Street, New York, NY, AKRF, Inc., May 2019.

## TABLES

Table 6a  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00043 U	0.00035 U	0.00029 U	0.00029 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00039 U	0.00032 U	0.00026 U	0.00026 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00055 U	0.00045 U	0.00037 U	0.00037 U
1,1,2-Trichloroethane	NS	NS	0.00033 U	0.00026 U	0.00022 U	0.00022 U
1,1-Dichloroethane	0.27	26	0.00038 U	0.00031 U	0.00025 U	0.00025 U
1,1-Dichloroethene	0.33	100	0.00041 U	0.00033 U	0.00028 U	0.00028 U
1,2,3-Trichlorobenzene	NS	NS	0.00033 UJ	0.00027 U	0.00022 U	0.00022 U
1,2,4-Trichlorobenzene	NS	NS	0.00066 UJ	0.00053 U	0.00044 U	0.00044 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00084 U	0.00068 U	0.00056 U	0.00056 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00033 UJ	0.00027 U	0.00022 U	0.00022 U
1,2-Dichlorobenzene	1.1	100	0.00026 UJ	0.00021 U	0.00018 U	0.00018 U
1,2-Dichloroethane	0.02	3.1	0.00054 U	0.00044 U	0.00036 U	0.00036 U
1,2-Dichloropropane	NS	NS	0.00077 U	0.00063 U	0.00052 U	0.00052 U
1,3-Dichlorobenzene	2.4	49	0.00029 UJ	0.00024 U	0.00019 U	0.0002 U
1,4-Dichlorobenzene	1.8	13	0.00041 UJ	0.00033 U	0.00028 U	0.00028 U
2-Hexanone	NS	NS	0.0031 U	0.0025 U	0.0021 U	0.0021 U
Acetone	0.05	100	0.01 U	0.0085 U	0.0064 J	0.028 J
Benzene	0.06	4.8	0.00047 U	0.00038 U	0.00032 U	0.00032 U
Bromochloromethane	NS	NS	0.00051 U	0.00042 U	0.00034 U	0.00035 U
Bromodichloromethane	NS	NS	0.00047 U	0.00038 U	0.00031 U	0.00032 U
Bromoform	NS	NS	0.00078 U	0.00063 U	0.00052 U	0.00052 U
Bromomethane	NS	NS	0.00087 U	0.0007 U	0.00058 U	0.00058 U
Carbon Disulfide	NS	NS	0.00049 U	0.00026 U	0.00033 U	0.00033 U
Carbon Tetrachloride	0.76	2.4	0.00071 U	0.00057 U	0.00047 U	0.00048 U
Chlorobenzene	1.1	100	0.00032 UJ	0.00026 U	0.00022 U	0.00022 U
Chloroethane	NS	NS	0.00096 U	0.00078 U	0.00064 U	0.00064 U
Chloroform	0.37	49	0.00058 U	0.00047 U	0.00039 U	0.00039 U
Chloromethane	NS	NS	0.0008 U	0.00065 U	0.00053 U	0.00053 U
Cis-1,2-Dichloroethylene	0.25	100	0.00028 U	0.00023 U	0.00019 U	0.00019 U
Cis-1,3-Dichloropropene	NS	NS	0.0005 U	0.00041 U	0.00033 U	0.00034 U
Cyclohexane	NS	NS	0.0004 U	0.00033 U	0.00027 U	0.00027 U
Dibromochloromethane	NS	NS	0.00036 U	0.00029 U	0.00024 U	0.00024 U
Dichlorodifluoromethane	NS	NS	0.00062 U	0.0005 U	0.00041 U	0.00042 U
Ethylbenzene	1	41	0.00036 UJ	0.0003 U	0.00024 U	0.00024 U
Isopropylbenzene (Cumene)	NS	NS	0.00023 UJ	0.00019 U	0.00015 U	0.00015 U
M,P-Xylenes	NS	NS	0.00032 UJ	0.00026 U	0.00021 U	0.00021 U
Methyl Acetate	NS	NS	0.0079 U	0.0064 U	0.0053 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.005 U	0.004 U	0.0033 U	0.0033 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0028 U	0.0023 U	0.0019 U	0.0019 U
Methylcyclohexane	NS	NS	0.00091 U	0.00074 U	0.00061 U	0.00061 U
Methylene Chloride	0.05	100	0.00085 U	0.00069 U	0.00057 U	0.00057 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00036 UJ	0.00029 U	0.00024 U	0.00024 U
Styrene	NS	NS	0.00051 UJ	0.00041 U	0.00034 U	0.00034 U
Tert-Butyl Methyl Ether	0.93	100	0.00023 U	0.00019 U	0.00015 U	0.00015 U
Tetrachloroethylene (PCE)	1.3	19	0.00026 U	0.00021 U	0.00018 U	0.00018 U
Toluene	0.7	100	0.00043 U	0.00035 U	0.0003 J	0.00029 U
Trans-1,2-Dichloroethene	0.19	100	0.00045 UJ	0.00037 U	0.0003 U	0.0003 U
Trans-1,3-Dichloropropene	NS	NS	0.00049 UJ	0.00039 U	0.00033 U	0.00033 U
Trichloroethylene (TCE)	0.47	21	0.00026 UJ	0.00021 U	0.00018 U	0.00018 U
Trichlorofluoromethane	NS	NS	0.00074 U	0.0006 U	0.0005 U	0.0005 U
Vinyl Chloride	0.02	0.9	0.001 U	0.00081 U	0.00067 U	0.00067 U
Xylenes, mixed	0.26	100	0.00068 UJ	0.00055 U	0.00045 U	0.00045 U

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West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00031 U	0.00029 UJ	0.00059 U	0.00044 UJ
1,1,2,2-Tetrachloroethane	NS	NS	0.00029 U	0.00026 U	0.00054 U	0.0004 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0004 U	0.00037 U	0.00076 U	0.00056 U
1,1,2-Trichloroethane	NS	NS	0.00024 U	0.00022 U	0.00045 U	0.00033 U
1,1-Dichloroethane	0.27	26	0.00028 U	0.00025 U	0.00052 U	0.00038 U
1,1-Dichloroethene	0.33	100	0.0003 U	0.00028 U	0.00057 U	0.00042 U
1,2,3-Trichlorobenzene	NS	NS	0.00024 U	0.00022 U	0.00046 U	0.00034 U
1,2,4-Trichlorobenzene	NS	NS	0.00048 U	0.00044 U	0.00091 U	0.00067 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00062 U	0.00057 U	0.0012 U	0.00086 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00024 U	0.00022 U	0.00046 U	0.00034 U
1,2-Dichlorobenzene	1.1	100	0.00019 U	0.00018 U	0.00037 U	0.00027 U
1,2-Dichloroethane	0.02	3.1	0.0004 U	0.00036 U	0.00075 U	0.00055 U
1,2-Dichloropropane	NS	NS	0.00057 U	0.00052 U	0.0011 U	0.00079 U
1,3-Dichlorobenzene	2.4	49	0.00021 U	0.0002 U	0.0004 U	0.0003 U
1,4-Dichlorobenzene	1.8	13	0.0003 U	0.00028 U	0.00057 U	0.00042 U
2-Hexanone	NS	NS	0.0023 U	0.0021 U	0.0043 U	0.0032 U
Acetone	0.05	100	0.0077 U	0.007 U	0.015 U	0.011 U
Benzene	0.06	4.8	0.00035 U	0.00033 U	0.00065 U	0.00048 U
Bromochloromethane	NS	NS	0.00038 U	0.00035 U	0.00071 U	0.00053 U
Bromodichloromethane	NS	NS	0.00034 U	0.00032 U	0.00065 U	0.00048 U
Bromoform	NS	NS	0.00057 U	0.00052 U	0.0011 U	0.00079 U
Bromomethane	NS	NS	0.00063 U	0.00058 U	0.0012 U	0.00089 U
Carbon Disulfide	NS	NS	0.00036 U	0.00033 U	0.00068 U	0.0005 U
Carbon Tetrachloride	0.76	2.4	0.00052 U	0.00048 UJ	0.00098 U	0.00072 UJ
Chlorobenzene	1.1	100	0.00024 U	0.00022 U	0.00045 U	0.00033 U
Chloroethane	NS	NS	0.0007 U	0.00064 U	0.0013 U	0.00098 U
Chloroform	0.37	49	0.00043 U	0.00039 U	0.00081 U	0.0006 U
Chloromethane	NS	NS	0.00058 U	0.00054 U	0.0011 U	0.00081 U
Cis-1,2-Dichloroethylene	0.25	100	0.0002 U	0.00019 U	0.00039 U	0.00028 U
Cis-1,3-Dichloropropene	NS	NS	0.00037 U	0.00034 U	0.00069 U	0.00051 U
Cyclohexane	NS	NS	0.0003 U	0.00027 U	0.00056 U	0.00041 U
Dibromochloromethane	NS	NS	0.00026 U	0.00024 U	0.00049 U	0.00036 U
Dichlorodifluoromethane	NS	NS	0.00045 U	0.00042 U	0.00086 U	0.00063 U
Ethylbenzene	1	41	0.00027 U	0.00025 U	0.00051 U	0.00037 U
Isopropylbenzene (Cumene)	NS	NS	0.00017 U	0.00016 U	0.00032 U	0.00024 U
M,P-Xylenes	NS	NS	0.00023 U	0.00021 U	0.00044 U	0.00067 U
Methyl Acetate	NS	NS	0.0058 U	0.0053 U	0.011 U	0.008 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0036 U	0.0033 U	0.0069 U	0.0051 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0021 U	0.0019 U	0.0039 U	0.0029 U
Methylcyclohexane	NS	NS	0.00067 U	0.00061 U	0.0013 U	0.00093 U
Methylene Chloride	0.05	100	0.00062 U	0.00057 U	0.0012 U	0.0009 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00026 U	0.00024 U	0.00049 U	0.00036 U
Styrene	NS	NS	0.00037 U	0.00034 U	0.00071 U	0.00052 U
Tert-Butyl Methyl Ether	0.93	100	0.00017 U	0.00015 U	0.00032 U	0.00023 U
Tetrachloroethylene (PCE)	1.3	19	0.00019 U	0.00018 U	0.00036 U	0.00027 U
Toluene	0.7	100	0.00031 U	0.00071 J	0.00059 U	0.00084 J
Trans-1,2-Dichloroethene	0.19	100	0.00033 U	0.0003 U	0.00062 U	0.00046 U
Trans-1,3-Dichloropropene	NS	NS	0.00036 U	0.00033 U	0.00068 U	0.0005 U
Trichloroethylene (TCE)	0.47	21	0.00019 U	0.00018 U	0.00037 U	0.00027 U
Trichlorofluoromethane	NS	NS	0.00054 U	0.0005 U	0.001 U	0.00076 U
Vinyl Chloride	0.02	0.9	0.00073 U	0.00067 U	0.0014 U	0.001 U
Xylenes, mixed	0.26	100	0.00049 U	0.00045 U	0.00093 U	0.00067 J

Table 6a  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00031 UJ	0.00036 UJ	0.00035 UJ	0.00034 UJ
1,1,2,2-Tetrachloroethane	NS	NS	0.00028 U	0.00033 U	0.00032 U	0.00031 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0004 U	0.00047 U	0.00046 U	0.00044 U
1,1,2-Trichloroethane	NS	NS	0.00024 U	0.00028 U	0.00027 U	0.00026 U
1,1-Dichloroethane	0.27	26	0.00027 U	0.00032 U	0.00031 U	0.0003 U
1,1-Dichloroethene	0.33	100	0.0003 U	0.00035 U	0.00034 U	0.00033 U
1,2,3-Trichlorobenzene	NS	NS	0.00024 U	0.00028 U	0.00027 U	0.00027 U
1,2,4-Trichlorobenzene	NS	NS	0.00047 U	0.00056 U	0.00054 U	0.00052 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00061 U	0.00072 U	0.0007 U	0.00067 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00024 U	0.00028 U	0.00027 U	0.00026 U
1,2-Dichlorobenzene	1.1	100	0.00019 U	0.00022 U	0.00022 U	0.00021 U
1,2-Dichloroethane	0.02	3.1	0.00039 U	0.00046 U	0.00045 U	0.00043 U
1,2-Dichloropropane	NS	NS	0.00056 U	0.00066 U	0.00064 U	0.00062 U
1,3-Dichlorobenzene	2.4	49	0.00021 U	0.00025 U	0.00024 U	0.00023 U
1,4-Dichlorobenzene	1.8	13	0.0003 U	0.00035 U	0.00034 U	0.00033 U
2-Hexanone	NS	NS	0.0023 U	0.0027 U	0.0026 U	0.0025 U
Acetone	0.05	100	0.0081	0.024	0.027	0.079
Benzene	0.06	4.8	0.00034 U	0.0004 U	0.00039 U	0.00038 U
Bromochloromethane	NS	NS	0.00037 U	0.00044 U	0.00043 U	0.00041 U
Bromodichloromethane	NS	NS	0.00034 U	0.0004 U	0.00039 U	0.00038 U
Bromoform	NS	NS	0.00056 U	0.00066 U	0.00064 U	0.00062 U
Bromomethane	NS	NS	0.00063 U	0.00074 U	0.00072 U	0.00069 U
Carbon Disulfide	NS	NS	0.00035 U	0.0016	0.0004 U	0.0011 J
Carbon Tetrachloride	0.76	2.4	0.00051 UJ	0.0006 UJ	0.00059 UJ	0.00057 UJ
Chlorobenzene	1.1	100	0.00023 U	0.00028 U	0.00027 U	0.00026 U
Chloroethane	NS	NS	0.00069 U	0.00081 U	0.00079 U	0.00076 U
Chloroform	0.37	49	0.00042 U	0.0005 U	0.00048 U	0.00047 U
Chloromethane	NS	NS	0.00058 U	0.00068 U	0.00066 U	0.00064 U
Cis-1,2-Dichloroethylene	0.25	100	0.0002 U	0.00024 U	0.00023 U	0.00022 U
Cis-1,3-Dichloropropene	NS	NS	0.00036 U	0.00043 U	0.00041 U	0.0004 U
Cyclohexane	NS	NS	0.00029 U	0.00034 U	0.00033 U	0.00032 U
Dibromochloromethane	NS	NS	0.00026 U	0.0003 U	0.00029 U	0.00028 U
Dichlorodifluoromethane	NS	NS	0.00045 U	0.00053 U	0.00051 U	0.0005 U
Ethylbenzene	1	41	0.00026 U	0.00031 U	0.0003 U	0.00029 U
Isopropylbenzene (Cumene)	NS	NS	0.00017 U	0.0002 U	0.00019 U	0.00018 U
M,P-Xylenes	NS	NS	0.00023 U	0.00027 U	0.00026 U	0.00025 U
Methyl Acetate	NS	NS	0.0057 U	0.0067 U	0.0065 U	0.0063 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0036 U	0.0045 J	0.0041 U	0.011
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0021 U	0.0024 U	0.0024 U	0.0023 U
Methylcyclohexane	NS	NS	0.00066 U	0.00078 U	0.00075 U	0.00073 U
Methylene Chloride	0.05	100	0.00062 U	0.00072 U	0.0007 U	0.00068 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00026 U	0.0003 U	0.00029 U	0.00028 U
Styrene	NS	NS	0.00037 U	0.00043 U	0.00042 U	0.00041 U
Tert-Butyl Methyl Ether	0.93	100	0.00017 U	0.00019 U	0.00019 U	0.00018 U
Tetrachloroethylene (PCE)	1.3	19	0.00019 U	0.00022 U	0.00022 U	0.00021 U
Toluene	0.7	100	0.00031 U	0.00036 U	0.00035 U	0.00037 J
Trans-1,2-Dichloroethene	0.19	100	0.00033 U	0.00038 U	0.00037 U	0.00036 U
Trans-1,3-Dichloropropene	NS	NS	0.00035 U	0.00041 U	0.0004 U	0.00039 U
Trichloroethylene (TCE)	0.47	21	0.00019 U	0.00022 U	0.00022 U	0.00021 U
Trichlorofluoromethane	NS	NS	0.00054 U	0.00063 U	0.00061 U	0.00059 U
Vinyl Chloride	0.02	0.9	0.00072 U	0.00085 U	0.00083 U	0.0008 U
Xylenes, mixed	0.26	100	0.00049 U	0.00057 U	0.00055 U	0.00053 U

Table 6a  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L	TB_20200103 460-200051-11 1/3/2020 2:05:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00035 UJ	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00032 U	0.37 U	0.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00045 U	0.31 U	0.31 U
1,1,2-Trichloroethane	NS	NS	0.00027 U	0.43 U	0.43 U
1,1-Dichloroethane	0.27	26	0.00031 U	0.26 U	0.26 U
1,1-Dichloroethene	0.33	100	0.00034 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	NS	NS	0.00027 U	0.36 U	0.36 U
1,2,4-Trichlorobenzene	NS	NS	0.00054 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00069 U	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00027 U	0.5 U	0.5 U
1,2-Dichlorobenzene	1.1	100	0.00022 U	0.43 U	0.43 U
1,2-Dichloroethane	0.02	3.1	0.00045 U	0.43 U	0.43 U
1,2-Dichloropropane	NS	NS	0.00064 U	0.35 U	0.35 U
1,3-Dichlorobenzene	2.4	49	0.00024 U	0.34 U	0.34 U
1,4-Dichlorobenzene	1.8	13	0.00034 U	0.33 U	0.33 U
2-Hexanone	NS	NS	0.0026 U	1.1 U	1.1 U
Acetone	0.05	100	0.0086 U	4.4 U	4.4 U
Benzene	0.06	4.8	0.00039 U	0.2 U	0.2 U
Bromochloromethane	NS	NS	0.00042 U	0.41 U	0.41 U
Bromodichloromethane	NS	NS	0.00039 U	0.34 UJ	0.34 UJ
Bromoform	NS	NS	0.00064 U	0.54 UJ	0.54 UJ
Bromomethane	NS	NS	0.00072 U	0.55 U	0.55 U
Carbon Disulfide	NS	NS	0.0004 U	0.82 U	0.82 U
Carbon Tetrachloride	0.76	2.4	0.00058 UJ	0.21 UJ	0.21 UJ
Chlorobenzene	1.1	100	0.00027 U	0.38 U	0.38 U
Chloroethane	NS	NS	0.00079 U	0.32 U	0.32 U
Chloroform	0.37	49	0.00048 U	0.33 U	0.33 U
Chloromethane	NS	NS	0.00066 U	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	0.25	100	0.00023 U	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	NS	0.00041 U	0.22 U	0.22 U
Cyclohexane	NS	NS	0.00033 U	0.32 U	0.32 U
Dibromochloromethane	NS	NS	0.00029 U	0.28 UJ	0.28 UJ
Dichlorodifluoromethane	NS	NS	0.00051 U	0.31 U	0.31 U
Ethylbenzene	1	41	0.0003 U	0.3 U	0.3 U
Isopropylbenzene (Cumene)	NS	NS	0.00019 U	0.34 U	0.34 U
M,P-Xylenes	NS	NS	0.00026 U	0.3 U	0.3 U
Methyl Acetate	NS	NS	0.0065 U	0.79 U	0.79 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0041 U	1.9 U	1.9 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0023 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	0.00075 U	0.26 U	0.26 U
Methylene Chloride	0.05	100	0.0007 U	0.32 U	0.32 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00029 U	0.36 U	0.36 U
Styrene	NS	NS	0.00042 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	0.93	100	0.00019 U	0.47 U	0.47 U
Tetrachloroethylene (PCE)	1.3	19	0.00022 U	0.25 U	0.25 U
Toluene	0.7	100	0.00035 U	0.38 U	0.38 U
Trans-1,2-Dichloroethene	0.19	100	0.00037 U	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	NS	0.0004 U	0.49 U	0.49 U
Trichloroethylene (TCE)	0.47	21	0.00022 U	0.31 U	0.31 U
Trichlorofluoromethane	NS	NS	0.00061 U	0.32 U	0.32 U
Vinyl Chloride	0.02	0.9	0.00082 U	0.17 U	0.17 U
Xylenes, mixed	0.26	100	0.00055 U	0.66 U	0.66 U

Table 6b  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 2 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.028 UJ	0.028 J	0.26 JL	0.92 J
Acenaphthylene	NS	100	100	0.053 JL	0.041 J	0.042 JL	0.32 J
Anthracene	NS	100	100	0.049 JL	0.12 J	0.41 JL	2.1 J
Benzo(a)Anthracene	NS	1	1	0.24 JL	0.62	1.3 JL	5.4 J
Benzo(a)Pyrene	NS	1	1	0.18 JL	0.61	1.1 JL	4.6 J
Benzo(b)Fluoranthene	NS	1	1	0.23 JL	0.8	1.4 JL	5.7 J
Benzo(g,h,i)Perylene	NS	100	100	0.17 JL	0.33 J	0.61 JL	2.2 J
Benzo(k)Fluoranthene	NS	0.8	3.9	0.062 JL	0.29	0.48 JL	2.2 J
Chrysene	NS	1	3.9	0.44 JL	0.66	1.3 JL	5.2 J
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.071 JL	0.067	0.19 JL	0.61 J
Fluoranthene	NS	100	100	0.21 JL	0.98	2.5 JL	11 J
Fluorene	NS	30	100	0.02 JL	0.03 J	0.17 JL	0.75 J
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	0.12 JL	0.38	0.71 JL	2.5 J
Naphthalene	NS	12	100	0.17 JL	0.08 J	0.23 JL	1.1 J
Phenanthrene	NS	100	100	0.81 JL	0.51	2.3 JL	9.1 J
Pyrene	NS	100	100	0.49 JL	0.99	2.8 JL	10 J
Total PAHs	250	NS	NS	3.32	6.54	15.80	63.70

Table 6b  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.034 J	0.028 U	0.028 U	0.028 U
Acenaphthylene	NS	100	100	0.07 J	0.026 J	0.062 J	0.04 J
Anthracene	NS	100	100	0.07 J	0.11 J	0.052 J	0.013 J
Benzo(a)Anthracene	NS	1	1	0.26	0.41	0.19	0.033 J
Benzo(a)Pyrene	NS	1	1	0.31	0.33	0.13	0.023 J
Benzo(b)Fluoranthene	NS	1	1	0.44	0.45	0.39	0.049
Benzo(g,h,i)Perylene	NS	100	100	0.2 J	0.21 J	0.16 J	0.021 J
Benzo(k)Fluoranthene	NS	0.8	3.9	0.13	0.19	0.1	0.017 J
Chrysene	NS	1	3.9	0.34 J	0.42	0.27 J	0.062 J
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.051	0.065	0.066	0.016 U
Fluoranthene	NS	100	100	0.41	0.69	0.34 J	0.076 J
Fluorene	NS	30	100	0.031 J	0.034 J	0.022 J	0.008 J
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	0.23	0.22	0.18	0.019 J
Naphthalene	NS	12	100	0.25 J	0.043 J	0.14 J	0.24 J
Phenanthrene	NS	100	100	0.45	0.48	0.33 J	0.098 J
Pyrene	NS	100	100	0.45	0.71	0.37 J	0.062 J
Total PAHs	250	NS	NS	3.73	4.39	2.80	0.777



Table 6b  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.055 J	0.05 J	0.087 J	0.06 J
Acenaphthylene	NS	100	100	0.11 J	0.12 J	0.27 J	0.17 J
Anthracene	NS	100	100	0.3 J	0.23 J	0.63	0.29 J
Benzo(a)Anthracene	NS	1	1	0.8	0.87	1.9	1.1
Benzo(a)Pyrene	NS	1	1	0.61	0.71	1.5	0.99
Benzo(b)Fluoranthene	NS	1	1	0.9	0.95	2.1	1.4
Benzo(g,h,i)Perylene	NS	100	100	0.31 J	0.37 J	0.58	0.44
Benzo(k)Fluoranthene	NS	0.8	3.9	0.31	0.39	0.8	0.54
Chrysene	NS	1	3.9	0.8	0.88	1.7	1.1
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.11	0.13	0.19	0.16
Fluoranthene	NS	100	100	1.5	1.5	3.2	1.8
Fluorene	NS	30	100	0.17 J	0.072 J	0.17 J	0.11 J
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	0.35	0.41	0.67	0.53
Naphthalene	NS	12	100	0.092 J	0.19 J	0.18 J	0.1 J
Phenanthrene	NS	100	100	1.4	0.95	1.9	0.99
Pyrene	NS	100	100	1.4	1.6	2.8	1.8
Total PAHs	250	NS	NS	9.22	9.42	18.68	11.58

Table 6b  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.27 J	1.1 U
Acenaphthylene	NS	100	100	0.27 J	0.82 U
Anthracene	NS	100	100	0.68	0.63 U
Benzo(a)Anthracene	NS	1	1	2.8	0.59 U
Benzo(a)Pyrene	NS	1	1	2.2	0.41 U
Benzo(b)Fluoranthene	NS	1	1	3	0.68 U
Benzo(g,h,i)Perylene	NS	100	100	0.92	1.4 UJ
Benzo(k)Fluoranthene	NS	0.8	3.9	1.2	0.67 U
Chrysene	NS	1	3.9	2.6	0.91 U
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.29	0.72 UJ
Fluoranthene	NS	100	100	4.7	0.84 U
Fluorene	NS	30	100	0.27 J	0.91 U
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	1.1	0.94 U
Naphthalene	NS	12	100	0.35 J	1.1 U
Phenanthrene	NS	100	100	3.3	0.58 U
Pyrene	NS	100	100	4.7	1.6 U
Total PAHs	250	NS	NS	28.65	0 U

Table 6c  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
Total PCBs	2	0.1	1	0.011 U	0.011 U	0.011 U	0.011 U

Table 6c  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
Total PCBs	2	0.1	1	0.011 U	0.011 U	0.011 U	0.011 U

Table 6c  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.011 U	0.062 J	0.011 U	0.15
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
Total PCBs	2	0.1	1	0.011 U	0.062 J	0.011 U	0.15

Table 6c  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.01 U	0.12 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.01 U	0.12 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.01 U	0.12 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.01 U	0.12 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.01 U	0.12 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.11 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.11	0.11 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.11 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.11 U
Total PCBs	2	0.1	1	0.11	0.12 U

Table 6d  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00079 U	0.00079 U	0.00082 U	0.00081 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00088 U	0.00088 U	0.0009 U	0.00089 U
Beta Endosulfan	NS	NS	0.002 U	0.002 U	0.0021 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.00048 U	0.00049 U	0.00049 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.001 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00098 U	0.00098 U	0.001 U	0.001 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0018 U	0.0019 U	0.0019 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0016 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.00072 U	0.00075 U	0.00074 U
Heptachlor	0.042	2.1	0.00092 U	0.00092 U	0.00095 U	0.00094 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0018 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0014 U	0.0014 U
P,P'-DDE	0.0033	8.9	0.00092 U	0.00092 U	0.00095 U	0.00094 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0045 J	0.0015 U	0.0015 U
Toxaphene	NS	NS	0.028 U	0.028 U	0.029 U	0.029 U

Table 6d  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00082 U	0.00079 U	0.0008 U	0.00078 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0009 U	0.00087 U	0.00088 U	0.00086 U
Beta Endosulfan	NS	NS	0.0021 U	0.002 U	0.002 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00049 U	0.00048 U	0.00048 U	0.00047 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.001 U	0.001 U
Endosulfan Sulfate	NS	NS	0.001 U	0.00098 U	0.00099 U	0.00096 U
Endrin	0.014	11	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0019 U	0.0018 U	0.0019 U	0.0018 U
Endrin Ketone	NS	NS	0.0016 U	0.0015 U	0.0015 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00075 U	0.00072 U	0.00073 U	0.00071 U
Heptachlor	0.042	2.1	0.00095 U	0.00092 U	0.00093 U	0.0009 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0017 U
P,P'-DDD	0.0033	13	0.0014 U	0.0013 U	0.0013 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00095 U	0.00092 U	0.00093 U	0.0009 U
P,P'-DDT	0.0033	7.9	0.0015 U	0.0037 J	0.0014 U	0.004 J
Toxaphene	NS	NS	0.029 U	0.028 U	0.028 U	0.028 U



Table 6d  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00079 U	0.00081 U	0.00081 U	0.00078 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00087 U	0.00089 U	0.0009 U	0.00086 U
Beta Endosulfan	NS	NS	0.002 U	0.002 U	0.0021 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.00049 U	0.00049 U	0.00047 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.001 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00098 U	0.001 U	0.001 U	0.00097 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0019 U	0.0019 U	0.0018 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0016 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.00074 U	0.00074 U	0.00071 U
Heptachlor	0.042	2.1	0.00092 U	0.00094 U	0.00095 U	0.00091 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0018 U
P,P'-DDD	0.0033	13	0.0013 U	0.0014 U	0.0014 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00092 U	0.00094 U	0.00095 U	0.00091 U
P,P'-DDT	0.0033	7.9	0.0067 J	0.023	0.0015 U	0.0014 U
Toxaphene	NS	NS	0.028 U	0.029 U	0.029 U	0.028 U

Table 6d  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.003 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00079 U	0.007 U
Alpha Endosulfan	NS	NS	0.0012 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00087 U	0.004 U
Beta Endosulfan	NS	NS	0.002 U	0.004 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.005 U
Dieldrin	0.005	0.2	0.001 U	0.003 U
Endosulfan Sulfate	NS	NS	0.00098 U	0.006 U
Endrin	0.014	11	0.0011 U	0.004 U
Endrin Aldehyde	NS	NS	0.0018 U	0.008 U
Endrin Ketone	NS	NS	0.0015 U	0.008 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.012 U
Heptachlor	0.042	2.1	0.00092 U	0.003 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.005 U
Methoxychlor	NS	NS	0.0018 U	0.004 U
P,P'-DDD	0.0033	13	0.0013 U	0.006 U
P,P'-DDE	0.0033	8.9	0.00092 U	0.002 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.004 U
Toxaphene	NS	NS	0.028 U	0.11 U

Table 6e  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 4 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 2 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 4 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	NR	9.6	7.9	NR	6.7
Barium	NS	350	400	NR	173 J	274	NR	129
Cadmium	NS	2.5	4.3	NR	0.59 J	0.63 J	NR	0.39 J
Chromium, Total	NS	NS	NS	NR	9.8	14.4	NR	15.8
Lead	1,000	63	400	NR	166	588	NR	203
Mercury	3	0.18	0.81	0.3 JL	NR	1.1	0.9	NR
Selenium	NS	3.9	180	NR	0.87 J	0.62 U	NR	0.81 U
Silver	NS	2	180	NR	1.3 U	1 U	NR	1.3 U

Table 6e  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 4 mg/kg	EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 4 mg/kg	EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 5 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	NR	6	7.7	NR	NR
Barium	NS	350	400	NR	101	87.2	NR	NR
Cadmium	NS	2.5	4.3	NR	0.22 J	0.51 J	NR	NR
Chromium, Total	NS	NS	NS	NR	15.1	14.1	NR	NR
Lead	1,000	63	400	NR	217	234	NR	NR
Mercury	3	0.18	0.81	0.86	NR	NR	2.6	0.35
Selenium	NS	3.9	180	NR	0.78 U	0.8 U	NR	NR
Silver	NS	2	180	NR	1.3 U	1.3 U	NR	NR

Table 6e  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 2 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 4 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 2 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	8	NR	12.3	NR	4.8
Barium	NS	350	400	273	NR	387	NR	89.3
Cadmium	NS	2.5	4.3	0.46 J	NR	0.81 J	NR	0.28 J
Chromium, Total	NS	NS	NS	13	NR	7.1	NR	5.3
Lead	1,000	63	400	422	NR	152	NR	99.5
Mercury	3	0.18	0.81	NR	0.29	NR	0.37	NR
Selenium	NS	3.9	180	0.63 U	NR	1.3 J	NR	0.59 U
Silver	NS	2	180	1 U	NR	1.3 U	NR	0.98 U

Table 6e  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 2 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 2 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	NR	8.8	NR	7.6	NR
Barium	NS	350	400	NR	249	NR	136	NR
Cadmium	NS	2.5	4.3	NR	0.55 J	NR	0.27 J	NR
Chromium, Total	NS	NS	NS	NR	15	NR	9.1	NR
Lead	1,000	63	400	NR	607	NR	281	NR
Mercury	3	0.18	0.81	0.37	NR	0.47	NR	0.52
Selenium	NS	3.9	180	NR	0.58 U	NR	0.62 U	NR
Silver	NS	2	180	NR	0.95 U	NR	1 U	NR

Table 6e  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 2 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 2 mg/kg	EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 2 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	6.4	7.3	8	NR
Barium	NS	350	400	72.6	108	130	NR
Cadmium	NS	2.5	4.3	0.52 J	0.39 J	0.79	NR
Chromium, Total	NS	NS	NS	27.5	32.2	26.8	NR
Lead	1,000	63	400	287	262	501	NR
Mercury	3	0.18	0.81	NR	1.1	0.97	0.12 U
Selenium	NS	3.9	180	0.62 U	0.57 U	0.58 U	NR
Silver	NS	2	180	1 U	0.95 U	0.95 U	NR

Tables 6a-6e  
West 29th Street  
New York, New York  
Track 4: Post-Excavation Endpoint Sample Results  
Notes

**DEFINITIONS**

**J** : The concentration given is an estimated value.

**K** : Reported concentration value is proportional to dilution factor and may be exaggerated

**L** : Sample result is estimated and biased low.

**NR** : Not reported.

**NS** : No standard.

**U** : The analyte was not detected at the indicated concentration.

**mg/kg** : milligrams per kilogram

**µg/L** : micrograms per Liter

**STANDARDS**

**Part 375 Soil Cleanup Objectives** : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

**Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.**

**Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.**

**Site-Specific Soil Cleanup Objectives** : Site-Specific Soil Cleanup Objectives listed in the NYSDEC-approved Remedial Action Work Plan (RAWP) dated May 2019, prepared by AKRF, Inc.

**Exceedances of Site-Specific Soil Cleanup Objectives (SSSCOs) are highlighted in italics.**

Sample EP-X\_2\_20191230 is a blind duplicate of sample EP-03\_2\_20191230.



Table 7  
West 29th Street  
New York, New York  
Post-Remedial Groundwater Sample Results  
Analytical Results of CP-51 Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-01_20210430 460-233338-1 4/30/2021 µg/L 1	MW-01_20210712 460-238659-1 7/12/2021 µg/L 1	MW-X_20210712 460-238659-6 7/12/2021 µg/L 1	MW-01_20211008 460-244788-1 10/08/2021 µg/L 1	MW-01_20220107 460-250372-1 1/07/2022 µg/L 1	MW-X_20220107 460-250372-2 1/07/2022 µg/L 1	MW-01_20220714 460-262062-1 7/14/2022 µg/L 1
Compound	AWQSGV							
1,2,4-Trimethylbenzene	5	2.7	1 U	1 U	1.5	1 U	1 U	0.61 J
1,3,5-Trimethylbenzene (Mesitylene)	5	0.43 J	1 U	1 U	0.34 J	1 U	1 U	0.33 U
Benzene	1	1.5	1 U	1 U	1.4	0.45 J	0.46 J	0.86 J
Cymene	5	6.2	1 U	1 U	0.71 J	1 U	1 U	0.43 J
Ethylbenzene	5	25	0.6 J	0.5 J	6.5	3.5	3.8	2.9
Isopropylbenzene (Cumene)	5	3.9	0.35 J	0.34 J	2.8	1	1.1	2.6
M,P-Xylenes	5	69	1.5	1.2	2.9	3.5	3.9	3.8
Naphthalene	10	8	1 U	1 U	4.2	1.1	1.3	3
N-Butylbenzene	5	0.44 J	1 U	1 U	1 U	1 U	1 U	0.32 U
N-Propylbenzene	5	3.7	1 U	1 U	2.3	0.66 J	0.7 J	1.5
O-Xylene (1,2-Dimethylbenzene)	5	29	0.87 J	0.77 J	2.7	4.5	4.9	1.4
Sec-Butylbenzene	5	0.83 J	1 U	1 U	0.55 J	1 U	1 U	0.7 J
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	0.34 U
Tert-Butyl Methyl Ether	10	3	1 U	1 U	1.7	0.33 J	0.35 J	1.5
Toluene	5	3.1	0.57 J	0.51 J	1	0.59 J	0.64 J	1.3
Xylenes, Total	NS	99	2.3	1.9 J	5.6	8.1	8.8	5.2

Table 7  
West 29th Street  
New York, New York  
Post-Remedial Groundwater Sample Results  
Analytical Results of CP-51 Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-02_20210430 460-233338-2 4/30/2021 µg/L 1	MW-X_20210430 460-233338-3 4/30/2021 µg/L 1	MW-02_20210712 460-238659-2 7/12/2021 µg/L 1	MW-02_20211008 460-244788-2 10/08/2021 µg/L 1	MW-X_20211008 460-244788-4 10/08/2021 µg/L 1	MW-02_20220112 460-250694-1 1/12/2022 µg/L 1	MW-02_20220714 460-262062-2 7/14/2022 µg/L 1	MW-X_20220714 460-262062-4 7/14/2022 µg/L 1
Compound	AWQSGV								
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	0.37 U	0.37 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	1 U	1 U	0.33 U	0.33 U
Benzene	1	3.7	3.7	2.5	5.5	5.6	3.9	2.3	2.4
Cymene	5	4.3	4.4	2.1	1 U	1 U	1 U	0.37 U	0.37 U
Ethylbenzene	5	7.2	7.3	8.2	1 U	1 U	1 U	0.3 U	0.3 U
Isopropylbenzene (Cumene)	5	1.4	1.3	0.76 J	1.1	1.1	0.78 J	0.51 J	0.41 J
M,P-Xylenes	5	25	27	14	0.34 J	0.38 J	1 U	0.36 J	0.3 U
Naphthalene	10	2.7	3.1	3.9	1 U	1 U	1 U	0.88 U	0.88 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	0.32 U	0.32 U
N-Propylbenzene	5	0.33 J	0.38 J	1 U	0.44 J	0.44 J	1 U	0.32 U	0.32 U
O-Xylene (1,2-Dimethylbenzene)	5	10	11	9.5	1 U	1 U	1 U	0.36 U	0.36 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	0.37 U	0.37 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 UJ	0.34 U	0.34 U
Tert-Butyl Methyl Ether	10	0.58 J	0.61 J	1 U	0.3 J	0.27 J	0.49 J	0.32 J	0.29 J
Toluene	5	3	3.2	7.2	1 U	1 U	1 U	0.38 U	0.38 U
Xylenes, Total	NS	35	37	24	2 U	2 U	2 U	0.65 U	0.65 U

Table 7  
West 29th Street  
New York, New York  
Post-Remedial Groundwater Sample Results  
Analytical Results of CP-51 Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-03_20210430 460-233338-4 4/30/2021 µg/L 1	MW-03_20210712 460-238659-3 7/12/2021 µg/L 1	MW-03_20211008 460-244788-3 10/08/2021 µg/L 1	MW-03_20220107 460-250372-5 1/07/2022 µg/L 1	MW-03_20220714 460-262062-3 7/14/2022 µg/L 1
Compound	AWQSGV					
1,2,4-Trimethylbenzene	5	0.4 J	1 U	0.37 J	0.39 J	0.4 J
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	0.33 U
Benzene	1	0.57 J	0.55 J	0.62 J	1 U	0.43 J
Cymene	5	26	6.8	12	15	21
Ethylbenzene	5	0.5 J	1 U	0.38 J	1 U	0.36 J
Isopropylbenzene (Cumene)	5	0.47 J	1 U	1 U	1 U	0.34 U
M,P-Xylenes	5	0.69 J	0.4 J	0.61 J	0.55 J	0.59 J
Naphthalene	10	2.9	1.1	1.3	1.1	1.4
N-Butylbenzene	5	1 U	1 U	1 U	1 U	0.32 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U	0.32 U
O-Xylene (1,2-Dimethylbenzene)	5	0.53 J	0.42 J	0.42 J	0.42 J	0.44 J
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U	0.37 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	0.34 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U	0.22 U
Toluene	5	0.39 J	0.64 J	1.1	0.59 J	0.79 J
Xylenes, Total	NS	1.2 J	0.82 J	1 J	0.97 J	1 J

Table 7  
West 29th Street  
New York, New York  
Post-Remedial Groundwater Sample Results  
Analytical Results of CP-51 Volatile Organic Compounds (VOCs)

**DEFINITIONS**

**J** : The concentration given is an estimated value.

**NS** : No standard.

**U** : The analyte was not detected at the indicated concentration.

**µg/L** : micrograms per liter

**STANDARDS**

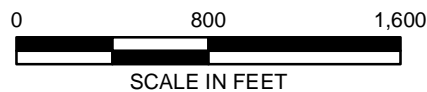
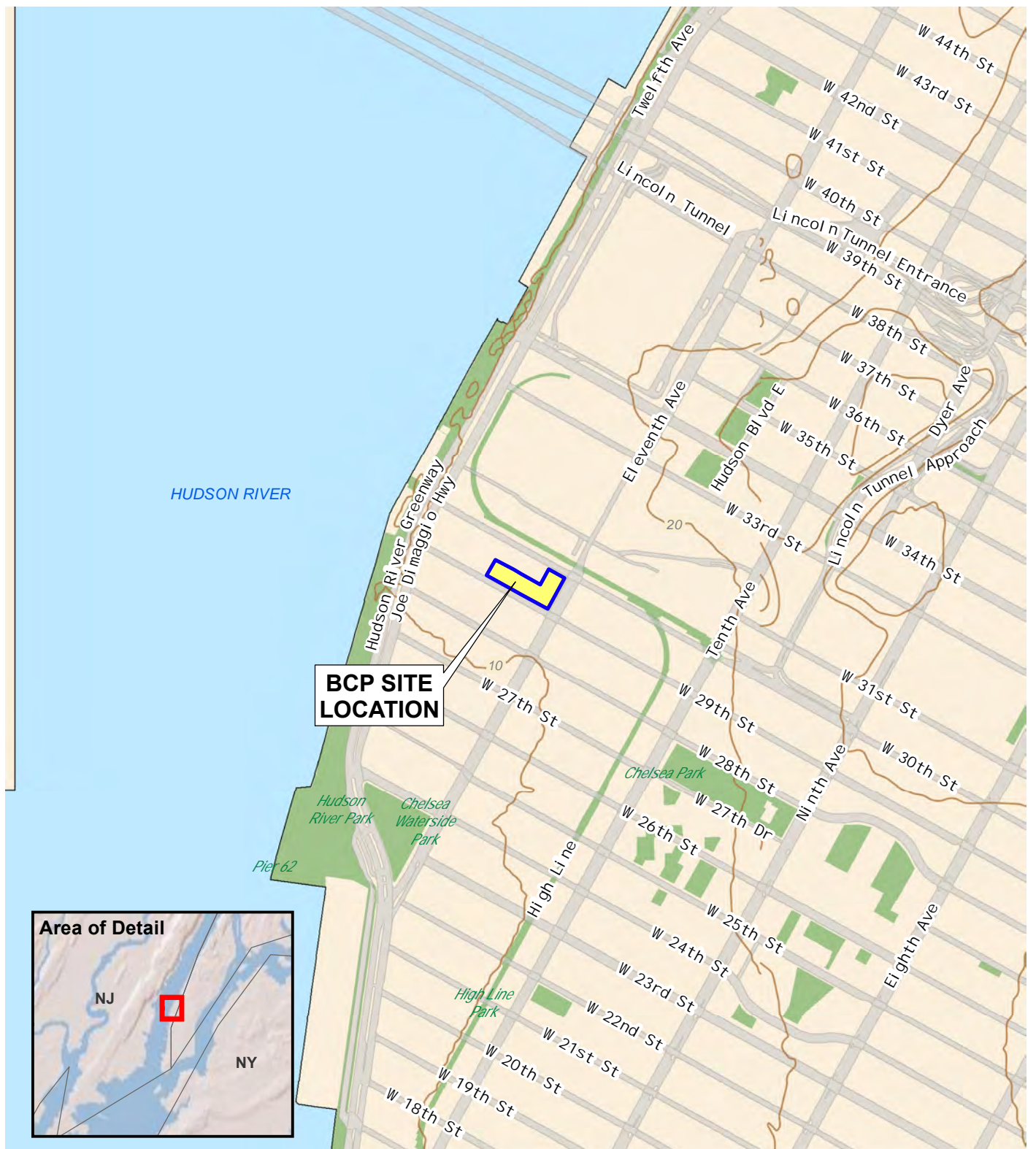
**NYSDEC**  
**Class GA**  
**AWQSGVs** : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance  
Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

**Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.**

**DUPLICATES**

MW-X\_20210430 is a blind duplicate of MW-02\_20210430.  
MW-X\_20210712 is a blind duplicate of MW-01\_20210712.  
MW-X\_20211008 is a blind duplicate of MW-02\_20211008.  
MW-X\_20220107 is a blind duplicate of MW-01\_20220107.  
MW-X\_20220714 is a blind duplicate of MW-02\_20220714.

## FIGURES



440 Park Avenue South, New York, NY 10016

**601 West 29<sup>th</sup> Street**  
Manhattan, New York

**BCP SITE LOCATION**

DATE

**6/2/2020**

PROJECT NO.

**170087**

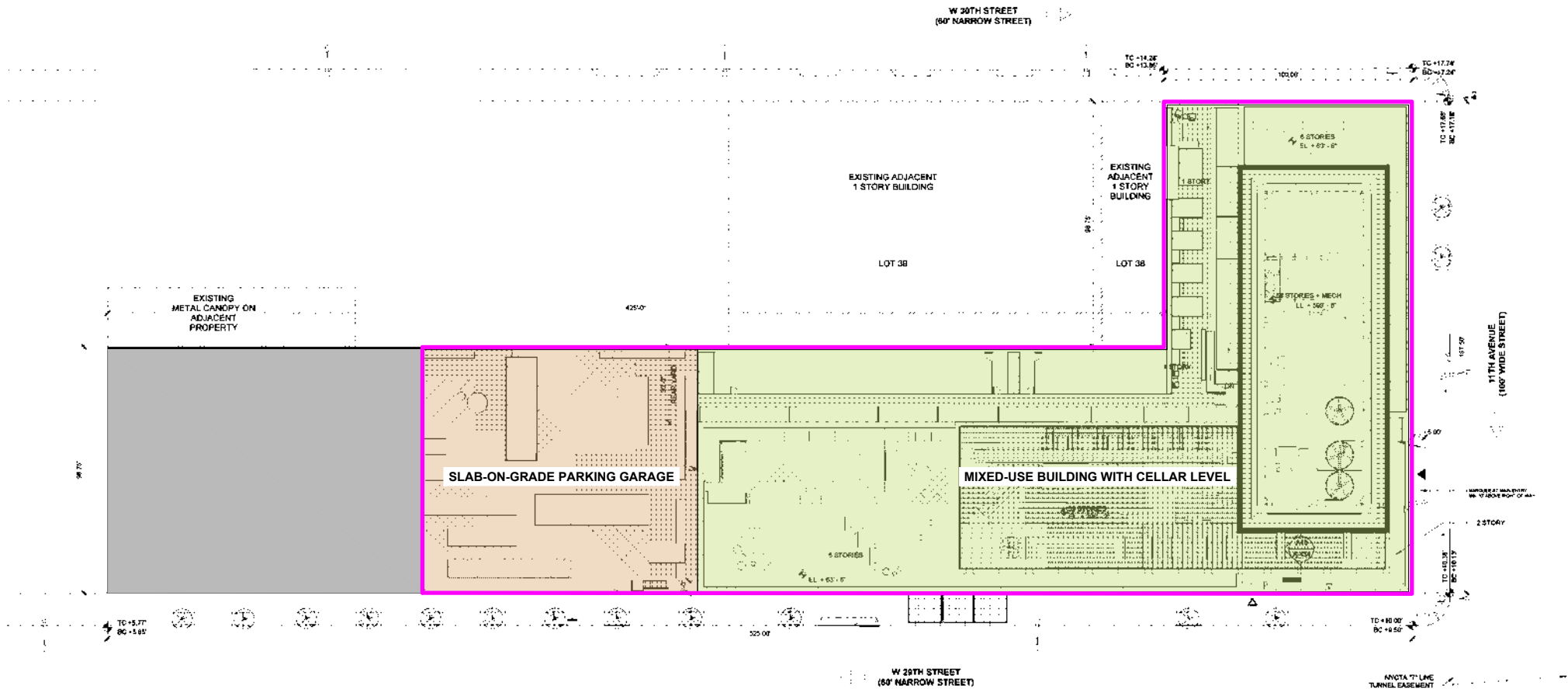
FIGURE

**1**

©2020 AKRF, Inc. W:\Projects\170087 - DD WEST 29TH STREET\Technical\Hazmat\SMP\CAD\170087 Fig 2 Site Plan.dwg last save: Mveilleux 6/2/2020 11:36 AM

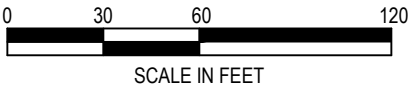
SOURCE:

FXCOLLABORATIVE ARCHITECTS "SITE PLAN, ABBREVIATIONS & SYMBOLS", DRAWING No. A-001, DATED 11-17-17 (CD PROGRESS SUBMISSION 09-21-2018).



LEGEND

- BCP SITE BOUNDARY
- TRACK 1 CLEANUP AREA
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)



601 West 29<sup>th</sup> Street  
Manhattan, New York



440 Park Avenue South, New York, N.Y. 10016

SITE PLAN

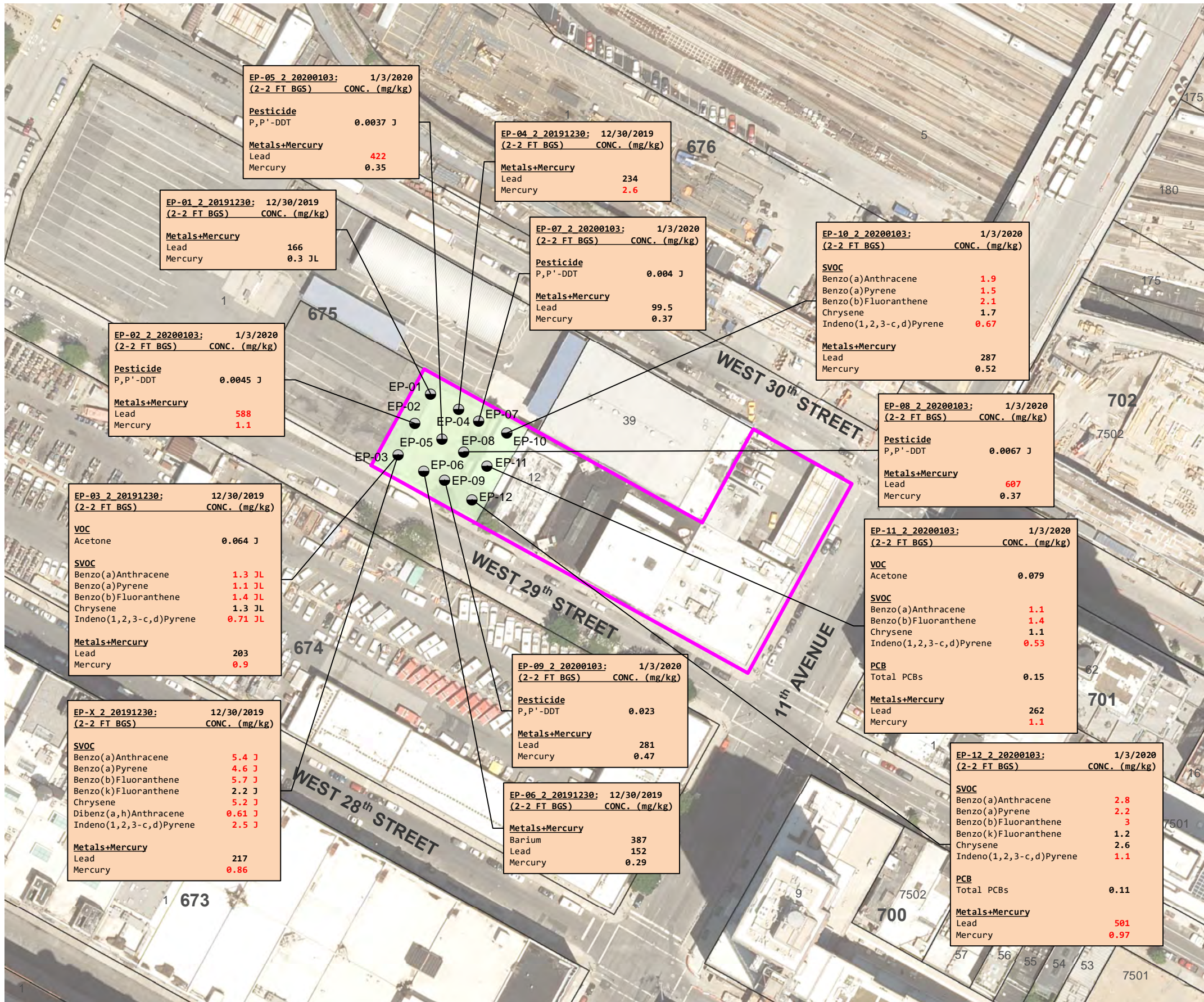
DATE  
6/2/2020

PROJECT NO.  
170087

FIGURE  
2



© 2020 AKRF V:\Projects\170087 - DD WEST 29TH STREET\GIS and Graphics\Hazmat\170087 Fig 3 Endpoint Sampling Plan.mxd 6/9/2020 10:12:57 AM mvelieux



Map Source:  
NYCDDCP (NYC Dept. of City Planning) GIS database

Aerial Source:  
2014 New York Statewide Digital Orthoimagery



	PART 375 UNRESTRICTED mg/kg	PART 375 RESTRICTED RESIDENTIAL mg/kg
Volatile Organic Compounds		
Acetone	0.05	100
Semivolatile Organic Compounds		
Benzo(a)Anthracene	1	1
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenz(a,h)Anthracene	0.33	0.33
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
PCBs		
Total PCBs	0.1	1
Pesticides		
P,P'-DDT	0.0033	7.9
Metals		
Arsenic	13	16
Barium	350	400
Lead	63	400
Mercury	0.18	0.81

#### LEGEND

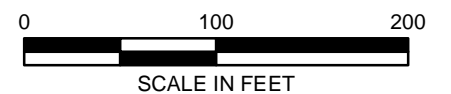
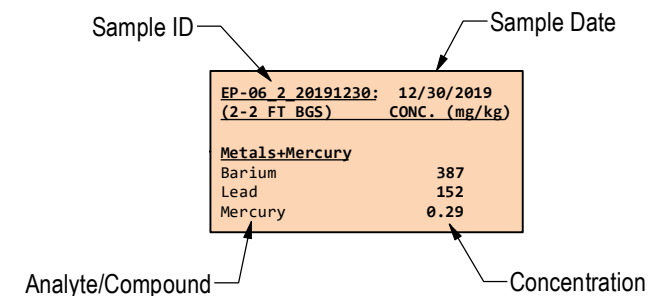
- ENDPOINT SAMPLE LOCATION
- BCP SITE BOUNDARY
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)
- 12 LOT BOUNDARY AND TAX LOT NUMBER
- 675 TAX BLOCK NUMBER

**Part 375 Soil Cleanup Objectives (SCOs):** SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

**Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.**  
**Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.**

mg/kg: milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.  
L: Sample result is estimated and biased low.



601 West 29<sup>th</sup> Street  
Manhattan, New York

POST-EXCAVATION ENDPOINT SOIL SAMPLE CONCENTRATIONS  
ABOVE NYSDEC UUSCOs AND/OR RRSCOs IN THE CONTROLLED PROPERTY

AKRF  
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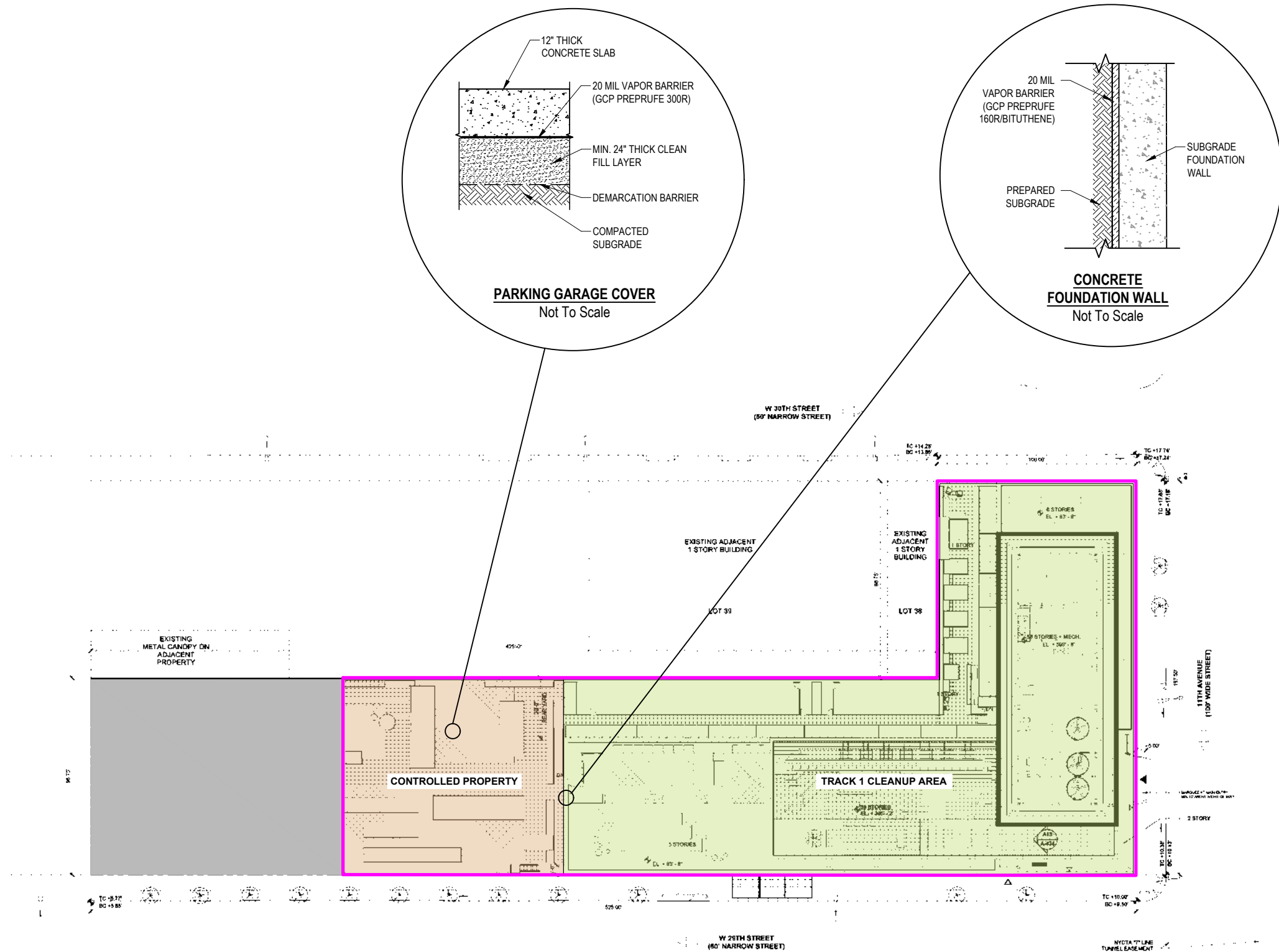
DATE  
6/9/2020  
PROJECT NO.  
170087  
FIGURE  
3



©2020 AKRF, Inc. W:\Projects\170087 - DD WEST 29TH STREET\Technical\Hazmat\SMP\CAD\170087 Fig 4 Composite Site Cover.dwg last save: mvelieux 6/9/2020 8:18 AM

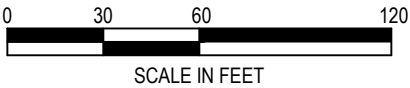
SOURCE:

FXCOLLABORATIVE ARCHITECTS "SITE PLAN, ABBREVIATIONS & SYMBOLS", DRAWING No. A-001, DATED 11-17-17 (CD PROGRESS SUBMISSION 09-21-2018).



LEGEND

- BCP SITE BOUNDARY
- TRACK 1 CLEANUP AREA
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)



601 West 29<sup>th</sup> Street  
Manhattan, New York

COMPOSITE COVER SYSTEM



440 Park Avenue South, New York, N.Y. 10016

DATE  
6/9/2020

PROJECT NO.  
170087

FIGURE  
4

**APPENDIX A**  
**ENVIRONMENTAL EASEMENT**



## LEGEND

(SYMBOLS NOT SHOWN TO SCALE)

	HYDRANT		ANCHOR POLE
	STREET LIGHT		BOLLARD
	SIGNAL POLE		FENCE (TYPE AS NOTED)
	MANHOLE		OVERHEAD WIRE
	WATER VALVE		GUIDE RAIL (TYPE AS NOTED)
	GAS VALVE		TREE LINE
	UNKNOWN VALVE		PROPERTY/RIGHT-OF-WAY LINE
	CATCH BASIN		FILL VALVE
	METAL COVER		BENCH
	ELECTRIC BOX		TRAFFIC FLOW
	DOOR		MONITORING WELL
	DOUBLE DOOR		BORING
	GARAGE DOOR		FLAG POLE
	PARKING METER		CONCRETE
	MAILBOX		FOUNDATION
	CLEAN OUT		FENCE
	TREE		BUILDING
	DROP CURB		COLUMN
	SIGN		POINT OF BEGINNING
	POLE		DEC EASEMENT AREA-GARAGE TRACK 4
	NORTH		BUILDING TRACK 1 AREA
	SOUTH		
	EAST		
	WEST		
	ON LINE		

## TRACK 1 WRITTEN DESCRIPTION

## BUILDING TRACK 1 AREA

ALL THAT CERTAIN PLOT PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF MANHATTAN, COUNTY OF NEW YORK, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT FORMED BY THE INTERSECTION OF THE NORTHERLY SIDE OF WEST 29TH STREET (60' WIDE) AND THE WESTERLY SIDE OF ELEVENTH AVENUE (100' WIDE), BEING THE POINT OR PLACE OF BEGINNING, AND RUNNING THENCE:

WESTERLY, ALONG SAID NORTHERLY SIDE OF WEST 29TH STREET, A DISTANCE OF 285.80 FEET TO A POINT; THENCE NORTHERLY, AND PARALLEL WITH SAID WESTERLY SIDE OF ELEVENTH AVENUE, FORMING AN INTERIOR ANGLE OF 90° WITH THE PREVIOUS COURSE, A DISTANCE OF 98.75 FEET TO THE POINT; THENCE

EASTERLY, AND PARALLEL WITH SAID NORTHERLY SIDE OF WEST 29TH STREET, FORMING AN INTERIOR ANGLE OF 90° WITH THE PREVIOUS COURSE, A DISTANCE OF 185.80 FEET TO A POINT; THENCE

NORTHERLY, AND PARALLEL WITH SAID WESTERLY SIDE OF ELEVENTH AVENUE, FORMING AN INTERIOR ANGLE OF 270° WITH THE PREVIOUS COURSE, A DISTANCE OF 98.75 FEET TO A POINT IN THE SOUTHERLY SIDE OF WEST 30TH STREET (60' WIDE); THENCE

EASTERLY, ALONG SAID SOUTHERLY SIDE OF WEST 30TH STREET, FORMING AN INTERIOR ANGLE OF 90° WITH THE PREVIOUS COURSE, A DISTANCE OF 100.00 FEET TO A POINT FORMED BY THE INTERSECTION OF THE AFOREMENTIONED SOUTHERLY SIDE OF WEST 30TH STREET WITH SAID WESTERLY SIDE OF ELEVENTH AVENUE; THENCE

SOUTHERLY, ALONG SAID WESTERLY SIDE OF ELEVENTH AVENUE, FORMING AN INTERIOR ANGLE OF 90° WITH THE PREVIOUS COURSE, A DISTANCE OF 197.50 FEET TO THE POINT OR PLACE OF BEGINNING.

ENCOMPASSING AND AREA OF 38,098 SQUARE FEET (0.875 ACRES).

## DEC EASEMENT WRITTEN DESCRIPTION

## GARAGE TRACK 4 AREA

ALL THAT CERTAIN PLOT, PIECE, OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF MANHATTAN, COUNTY OF NEW YORK, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT A DISTANCE OF 285.80 FEET WESTERLY ALONG THE NORTHERLY SIDE OF WEST 29TH STREET (60' WIDE), FROM CORNER FORMED BY THE INTERSECTION OF SAID NORTHERLY SIDE OF WEST 29TH STREET AND THE WESTERLY SIDE OF ELEVENTH AVENUE (100' WIDE), BEING THE POINT OR PLACE OF BEGINNING, AND RUNNING THENCE:

WESTERLY, ALONG SAID NORTHERLY SIDE OF WEST 29TH STREET, A DISTANCE OF 112.57 FEET TO A POINT; THENCE NORTHERLY, AND PARALLEL WITH SAID WESTERLY SIDE OF ELEVENTH AVENUE, FORMING AN INTERIOR ANGLE OF 90° WITH THE PREVIOUS COURSE, A DISTANCE OF 98.75 FEET TO THE POINT IN THE CENTERLINE OF THE BLOCK; THENCE

EASTERLY, ALONG SAID CENTERLINE OF THE BLOCK AND PARALLEL WITH SAID NORTHERLY SIDE OF WEST 29TH STREET, FORMING AN INTERIOR ANGLE OF 90° WITH THE PREVIOUS COURSE, A DISTANCE OF 112.57 FEET TO A POINT; THENCE

SOUTHERLY, AND PARALLEL WITH SAID WESTERLY SIDE OF ELEVENTH AVENUE, FORMING AN INTERIOR ANGLE OF 90° WITH THE PREVIOUS COURSE, A DISTANCE OF 98.75 FEET TO A POINT BEING THE POINT OR PLACE OF BEGINNING.

ENCOMPASSING AN AREA OF 11,116 SQUARE FEET (0.255 ACRES).

## LOT 12 DEED DESCRIPTION

ALL THAT CERTAIN PLOT PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE BOROUGH OF MANHATTAN, COUNTY OF NEW YORK, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A THE CORNER FORMED BY THE INTERSECTION OF THE NORTHERLY LINE OF WEST 29TH STREET (60' WIDE) AND THE WESTERLY LINE OF ELEVENTH AVENUE (100' WIDE);

RUNNING THENCE WESTERLY, ALONG SAID NORTHERLY LINE OF WEST 29TH STREET, A DISTANCE OF 525 FEET (525.00 FEET) TO A POINT;

THENCE NORTHERLY, AND PARALLEL WITH SAID WESTERLY LINE OF ELEVENTH AVENUE, A DISTANCE OF 98 FEET 9 INCHES (98.75 FEET) TO A POINT IN THE CENTERLINE OF THE BLOCK;

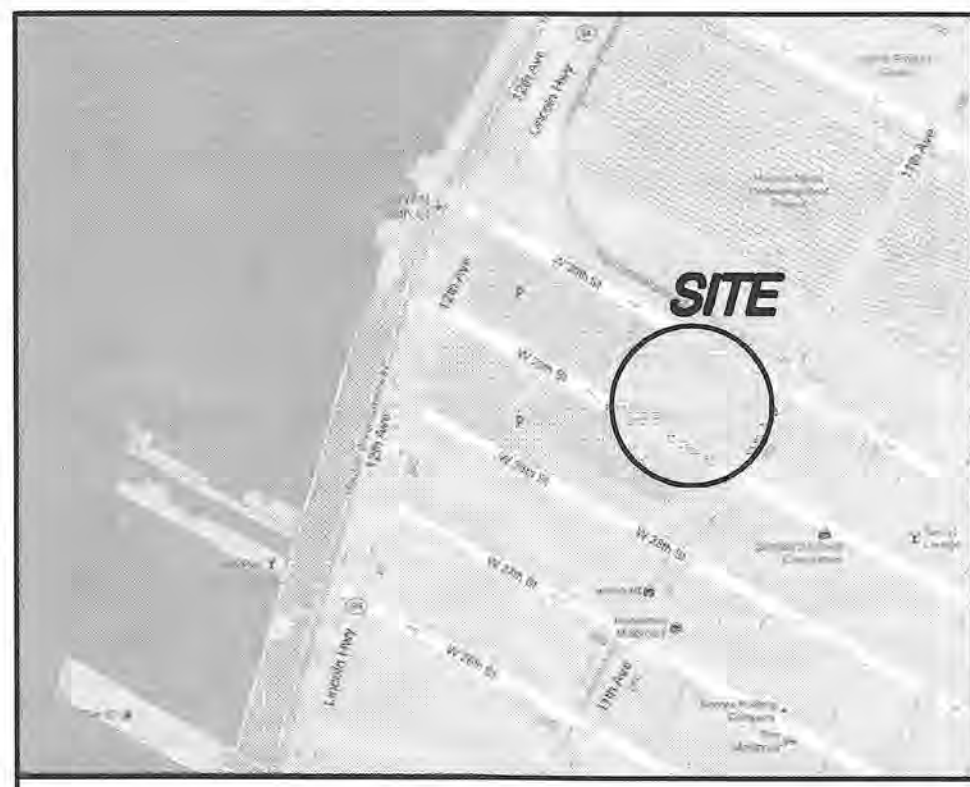
THENCE EASTERLY, ALONG THE CENTERLINE OF THE BLOCK AND PARALLEL WITH THE NORTHERLY LINE OF WEST 29TH STREET, A DISTANCE OF 425 FEET (425.00 FEET) TO A POINT;

THENCE NORTHERLY, AND PARALLEL WITH SAID WESTERLY LINE OF ELEVENTH AVENUE, A DISTANCE OF 98 FEET 9 INCHES (98.75 FEET) TO A POINT ON THE SOUTHERLY LINE OF WEST 30TH STREET (60' WIDE);

THENCE EASTERLY, ALONG SAID SOUTHERLY LINE OF WEST 30TH STREET, A DISTANCE OF 100 FEET (100.00 FEET) TO THE CORNER FORMED BY THE INTERSECTION OF THE SOUTHERLY LINE OF WEST 30TH STREET WITH SAID WESTERLY LINE OF ELEVENTH AVENUE;

THENCE SOUTHERLY, ALONG SAID WESTERLY LINE OF ELEVENTH AVENUE, A DISTANCE OF 197 FEET 6 INCHES (197.5 FEET) TO THE POINT OR PLACE OF BEGINNING.

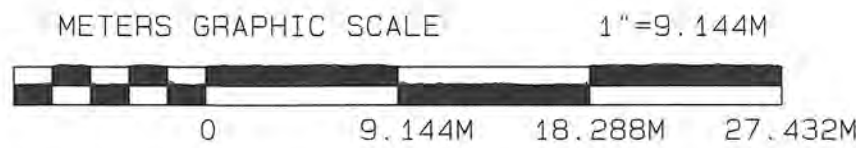
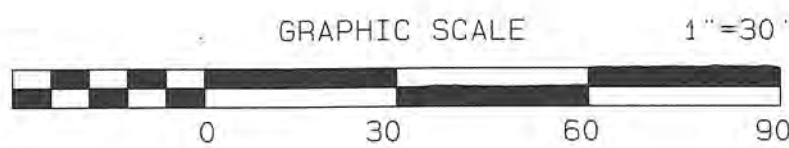
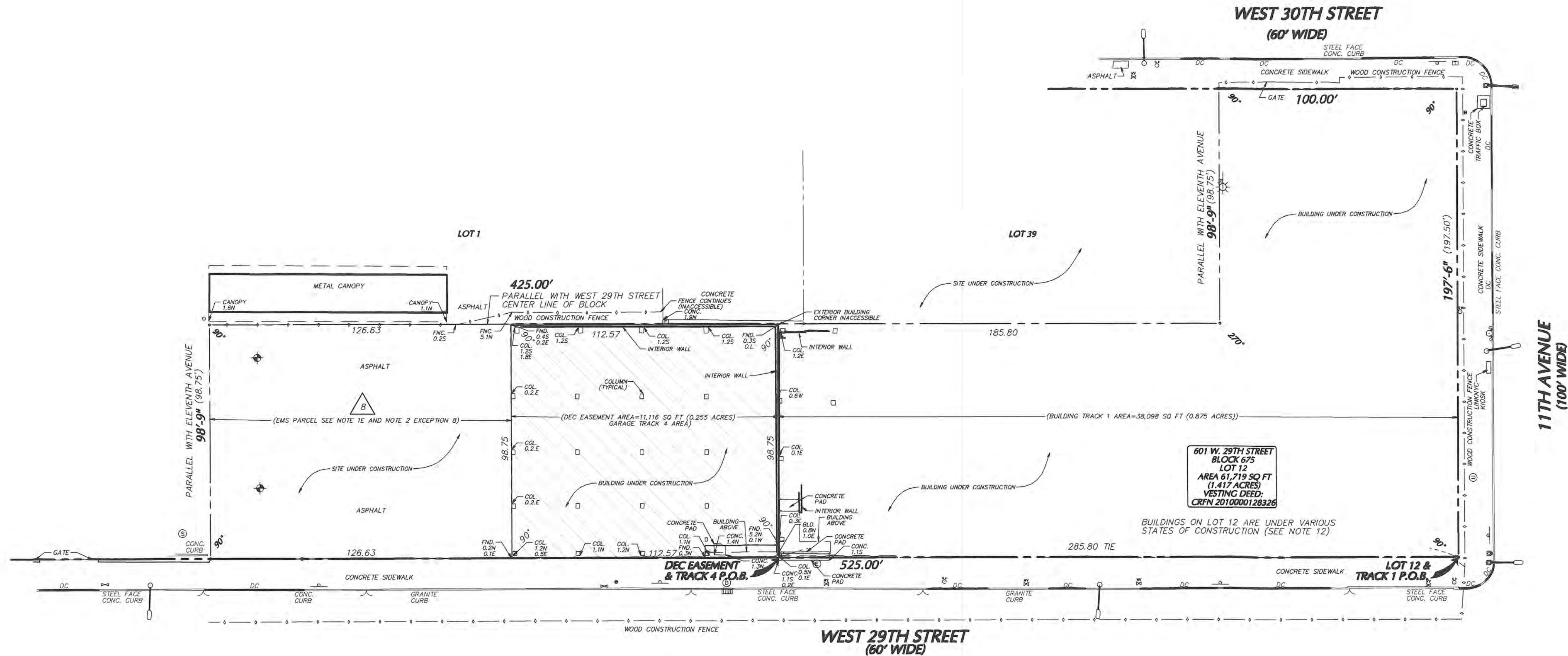
CONTAINING AN AREA OF 61,719 SQUARE FEET, 1.417 ACRES, MORE OR LESS.

PROJECT LOCATION MAP  
NOT TO SCALE

## NOTES

- THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, AND THE FOLLOWING REFERENCES:
  - BOROUGH OF MANHATTAN SECTION MAP NO. 40.
  - CURRENT TAX MAP.
  - "ALTA SURVEY", DATED 6/17/2013, PROJECT NO. 170253901, DRAWING NO.07.01, BY LANGAN.
  - CERTIFICATE OF TITLE BY ROYAL ABSTRACT OF NEW YORK LLC, AS AGENT FOR STEWART TITLE INSURANCE COMPANY, CHICAGO TITLE INSURANCE COMPANY, FIRST AMERICAN TITLE INSURANCE AND OLD REPUBLIC TITLE INSURANCE COMPANY, TITLE NO. 911890, EFFECTIVE DATE 2/2/2019.
  - ULURP DRAWING SET DATED 8/20/2018, SHEET Z-101A "GROUND FLOOR PLAN" DATED 10/23/2018.
  - ALTA/ULURP LAND TITLE SURVEY PREPARED BY LANGAN, PROJECT 170253901, DRAWING NO. 01, DATED 4/15/2019.
  - SITE PLAN 801 WEST 29TH STREET, PREPARED BY AKRF, PROJECT NO. 170087, FIGURE 2, DATED 6/2/2020.
- THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE FOLLOWING FACTS AS REVEALED BY THE HEREON REFERENCED INFORMATION. THE INFORMATION SHOWN HEREON DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR. ALL INFORMATION THAT MAY AFFECT THE QUALITY OF TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE VERIFIED BY AN ACCURATE AND CURRENT TITLE REPORT.

CERTIFICATE OF TITLE BY ROYAL ABSTRACT OF NEW YORK LLC, AS AGENT FOR STEWART TITLE INSURANCE COMPANY, CHICAGO TITLE INSURANCE COMPANY, FIRST AMERICAN TITLE INSURANCE AND OLD REPUBLIC TITLE INSURANCE COMPANY, TITLE NO. 911890, EFFECTIVE DATE 2/2/2019, SCHEDULE B.
- TERMS, COVENANTS, CONDITIONS, PROVISIONS AND REVERTER SET FORTH IN CITY WATER GRANT DATED 6/15/1858 AND RECORDED 11/9/1865 IN LIBER 468 OF DEEDS, PAGE 137 (AND ALSO FILED IN LIBER H OF CITY GRANTS, PAGE 142) [ILLEGIBLE]
- A) CONFIRMATORY CITY WATER GRANT DATED 6/9/1866 AND RECORDED 6/9/1866 IN LIBER 469 OF DEEDS, PAGE 229 (AND ALSO FILED IN LIBER I OF CITY GRANTS, PAGE 336) [ILLEGIBLE]
- UNRECORDED PERMANENT EASEMENT AND DECLARATION OF RESTRICTIVE COVENANTS DATED AS OF 12/17/2009 [NOT PLOTTED]
- RESTRICTIVE DECLARATION, DATED 12/5/2018, RECORDED 12/11/2019 AS CRFN 2018000408223 [NOT PLOTTABLE]
- RIGHTS OF THE CITY OF NEW YORK AND THE FIRE DEPARTMENT OF THE CITY OF NEW YORK IN AND TO THE PORTION OF PREMISES DESCRIBED. [PLOTTED PER DOCUMENT CITED IN NOTE 1E]
- LEASE AGREEMENT, DATED 11/27/2018, RECORDED 11/29/2018 IN CRFN 2018000384874 [NOT PLOTTABLE]
- UNRECORDED TEMPORARY EASEMENT DATED AS OF 12/17/2009 [NOT PLOTTED- EASEMENT EXPIRES BY ITS TERMS ON 12/17/2019]
- THE MERIDIAN OF THIS SURVEY IS REFERENCED TO APPROXIMATE NORTH (SEE NOTE 1A)
- STREET NAMES, R.O.W. WIDTHS, BLOCK, AND LOT NUMBERS AS PER MAPS REFERENCED IN NOTES 1A AND 1B.
- PLANIMETRIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. DURING JULY OF 2020.
- OFFSETS (IF SHOWN) ARE FOR SURVEY REFERENCES ONLY AND ARE NOT TO BE USED IN CONSTRUCTION OF ANY TYPE.
- WETLANDS, ENVIRONMENTAL AND/OR HAZARDOUS MATERIALS LOCATION, IF ANY, NOT COVERED UNDER THIS CONTRACT.
- UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC.). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND THE LOCATIONS WHERE DATA WAS OBTAINED, DESPITE MEETING THE REQUIRED STANDARD OF CARE. THE SURVEYOR CANNOT AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT.
- ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.
- UNLESS SPECIFICALLY NOTED HEREON THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.
- PRIOR TO ANY DESIGN OR CONSTRUCTION THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS
- THIS IS TO CERTIFY THAT THERE ARE NO STREAMS NOR NATURAL WATERCOURSES ON THE PROPERTY AS SHOWN ON THIS SURVEY.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
- THIS PLAN NOT VALID UNLESS EMBOSSED OR BLUE INK STAMPED WITH THE SEAL OF THE PROFESSIONAL LAND SURVEYOR.
- BUILDINGS ON LOT 12 WERE UNDER VARIOUS STATES OF CONSTRUCTION. CONDITIONS SHOWN REFLECT PHYSICAL CONDITIONS OF GARAGE TRACK 4 ON THE DATE OF THE FIELD WORK.



THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT [derweb@dec.ny.gov](mailto:derweb@dec.ny.gov).

Date	Description	No.
10/09/20	TRACK 1 DESCRIPTION	1
	REVISIONS	

I hereby state that this plan is based on a field survey made by me or under my immediate supervision in accordance with NYSPLS Code of Practice and I am a duly Licensed Professional Land Surveyor in the State of New York, and in my professional opinion, the information shown on this plan is true and correct to the best of my knowledge and belief, and in my professional opinion, the information shown on this plan is true and correct to the best of my knowledge and belief.

SIGNATURE:   
PAUL J. LANGAN, PROFESSIONAL LAND SURVEYOR  
NY LIC. NO. 050784-1

**LANGAN**  
Langan Engineering, Environmental, Surveying,  
Landscape Architecture and Geology, D.P.C.  
21 Penn Plaza, 360 West 31st Street, 8th Floor  
New York, NY 10001  
T: 212.479.5400 F: 212.479.5444 [www.langan.com](http://www.langan.com)

Project  
**601 WEST 29TH STREET**  
BLOCK No. 675, LOT No. 12  
BOROUGH OF MANHATTAN  
CITY OF NEW YORK  
NEW YORK COUNTY  
NEW YORK

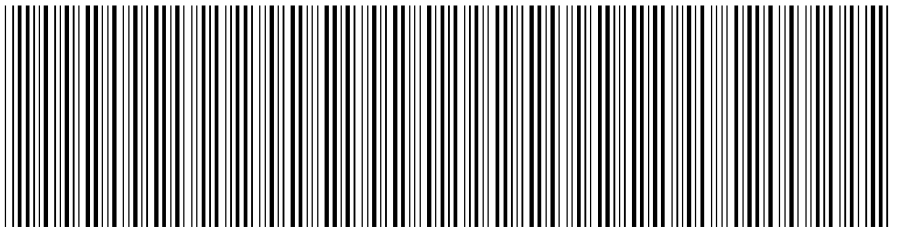
Drawing Title  
**DEC EASEMENT SURVEY**

Project No. <b>170253901</b>	Drawing No. <b>DEC-01</b>
Date <b>7/21/2020</b>	
Scale <b>1"=30'</b>	
Drawn By <b>JM</b>	
Checked By <b>PDF</b>	Sheet 1 of 1



**NYC DEPARTMENT OF FINANCE  
OFFICE OF THE CITY REGISTER**

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2020121001042001003E4E12

**RECORDING AND ENDORSEMENT COVER PAGE**

**PAGE 1 OF 12**

**Document ID: 2020121001042001**

Document Date: 10-20-2020

Preparation Date: 12-17-2020

Document Type: EASEMENT

Document Page Count: 10

**PRESENTER:**

ROYAL REGISTERED PROPERTY REPORTS( 911690)  
125 PARK AVENUE, SUITE 1610  
NEW YORK, NY 10017  
212-376-0900  
MBASALATAN@ROYALABSTRACT.COM

**RETURN TO:**

ROYAL REGISTERED PROPERTY REPORTS( 911690)  
125 PARK AVENUE, SUITE 1610  
NEW YORK, NY 10017  
212-376-0900  
MBASALATAN@ROYALABSTRACT.COM

Borough	Block	Lot	Unit	Address
MANHATTAN	675	12	Entire Lot	601 W. 29TH STREET

**Property Type:** RESIDENTIAL VACANT LAND Easement

**CROSS REFERENCE DATA**

CRFN \_\_\_\_\_ or DocumentID \_\_\_\_\_ or \_\_\_\_\_ Year \_\_\_\_\_ Reel \_\_\_\_\_ Page \_\_\_\_\_ or File Number \_\_\_\_\_

**PARTIES**

**GRANTOR/SELLER:**

WEST SIDE 11TH & 29TH LLC  
ATTN: MARJORIE E NESBITT, 445 PARK AVENUE,  
STE. 1503  
NEW YORK, NY 10022

**GRANTEE/BUYER:**

THE PEOPLE OF THE STATE OF NEW YORK  
ATTN: BRADFORD BURNS, NYSDEC, 625  
BROADWAY  
ALBANY, NY 12233

☒ Additional Parties Listed on Continuation Page

**FEES AND TAXES**

**Mortgage :**

Mortgage Amount: \$ 0.00

Taxable Mortgage Amount: \$ 0.00

Exemption:

TAXES: County (Basic): \$ 0.00

City (Additional): \$ 0.00

Spec (Additional): \$ 0.00

TASF: \$ 0.00

MTA: \$ 0.00

NYCTA: \$ 0.00

Additional MRT: \$ 0.00

**TOTAL:** \$ 0.00

Recording Fee: \$ 87.00

Affidavit Fee: \$ 0.00

**Filing Fee:**

\$ 100.00

NYC Real Property Transfer Tax:

\$ 0.00

NYS Real Estate Transfer Tax:

\$ 0.00

**RECORDED OR FILED IN THE OFFICE  
OF THE CITY REGISTER OF THE**

**CITY OF NEW YORK**

Recorded/Filed 12-18-2020 12:37

City Register File No.(CRFN):

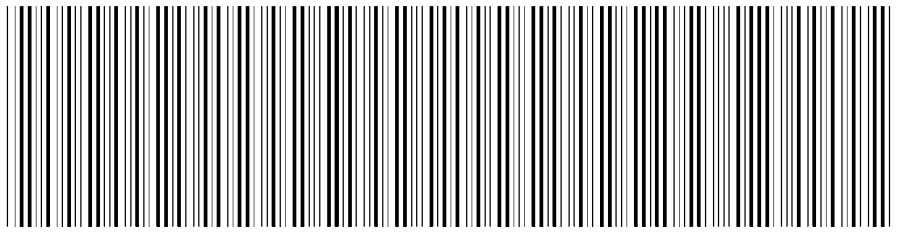
**2020000361549**



*Annette McMill*

**City Register Official Signature**

**NYC DEPARTMENT OF FINANCE  
OFFICE OF THE CITY REGISTER**



2020121001042001003C4C92

**RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)**

**PAGE 2 OF 12**

**Document ID: 2020121001042001**

Document Date: 10-20-2020

Preparation Date: 12-17-2020

Document Type: EASEMENT

**PARTIES**

**GRANTEE/BUYER:**

NYS DEPT OF ENVIRONMENTAL CONSERVATION  
ATTN: BRADFORD BURNS, NYSDEC, 625  
BROADWAY  
ALBANY, NY 12233

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36  
OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

*Sp 04/27*  
THIS INDENTURE made this 20<sup>th</sup> day of October, 2020, between Owner, West Side 11th & 29th LLC, having an office at c/o Marjorie E. Nesbitt, 445 Park Avenue, 10th Floor, New York, New York 10022, and Tenant, DD West 29<sup>th</sup> LLC (having a 99 year ground lease at the premises), having an office at c/o Douglaston Development, 42-09 235<sup>th</sup> Street, Douglaston, New York 11363 (collectively the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233, and

**WHEREAS**, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

**WHEREAS**, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

**WHEREAS**, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

**WHEREAS**, Owner, is the owner of real property located at the address of 601 West 29th Street in the City of New York, County of New York and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 675 Lot 12, being a portion of the property conveyed to Grantor by deed dated December 31, 2009 and recorded in the City Register of the City of New York as CRFN #2010000128326. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.255 +/- acres, and is hereinafter more fully described in the Land Title Survey dated July 21, 2020 prepared by Paul D. Fisher P.L.S. of Langan Engineering, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

**WHEREAS**, Tenant, is the tenant of a 99-year ground lease dated November 27, 2018,

and referenced in that Memorandum of Lease dated November 27, 2018 and recorded in City Register of the City of New York as CRFN # 2018000394874; and

**WHEREAS**, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

**NOW THEREFORE**, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C231107-02-18, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii),  
Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial  
as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section  
Division of Environmental Remediation  
NYSDEC  
625 Broadway  
Albany, New York 12233  
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:



This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

- (1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).
- (2) the institutional controls and/or engineering controls employed at such site:
  - (i) are in-place;
  - (ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and
  - (iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;
- (3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;
- (4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;
- (5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;
- (6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and
- (7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee

interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:      Site Number: C231107  
Office of General Counsel  
NYSDEC  
625 Broadway  
Albany New York 12233-5500

With a copy to:      Site Control Section  
Division of Environmental Remediation  
NYSDEC  
625 Broadway  
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

**Remainder of Page Intentionally Left Blank**

IN WITNESS WHEREOF, Owner has caused this instrument to be signed in its name.

West Side 11th & 29th LLC:

By: Margie E. Nesbitt

Print Name: MARGIE E. NESBITT

Title: MANAGING MEMBER Date: OCT 5, 2020

Owner's Acknowledgment

STATE OF NEW YORK )  
 ) ss:  
COUNTY OF NEW YORK )

On the 5<sup>th</sup> day of OCT., in the year 20 20, before me, the undersigned, personally appeared MARGIE E. NESBITT, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Roy J. Bernstein  
Notary Public - State of New York

ROY J. BERNSTEIN  
Notary Public, State of New York  
No. 02BE0272800  
Qualified in New York County  
Commission Expires July 31, 2017 21

IN WITNESS WHEREOF, Tenant has caused this instrument to be signed in its name.

DD West 29th LLC:

By: [Signature]

Print Name: Steven Charno

Title: Authorized Date: 10-8-2020  
Signatory

**Tenant's Acknowledgment**

STATE OF NEW YORK )  
 ) ss:  
COUNTY OF Queens )


On the 8th day of October, in the year 2020, before me, the undersigned, personally appeared STEVEN CHARNO, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

[Signature]  
Notary Public - State of New York



**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK**, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By:



Michael J. Ryan, Director

Division of Environmental Remediation

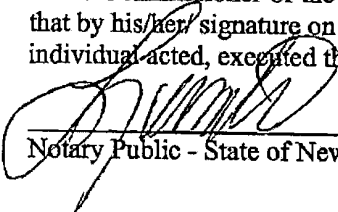
**Grantee's Acknowledgment**

STATE OF NEW YORK )

) ss:

COUNTY OF ALBANY )

On the 20th day of October, in the year 2009 before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.



Notary Public - State of New York

LAWRENCE H. WEINTRAUB  
Notary Public, State of New York  
Registration No. 02WE6408234  
Qualified in Schenectady County  
Commission Expires August 17, 2024

**SCHEDULE "A" PROPERTY DESCRIPTION**

ALL THAT CERTAIN PLOT, PIECE, OR PARCEL OF LAND, SITUATE, LYING, AND BEING IN THE BOROUGH OF MANHATTAN, COUNTY OF NEW YORK, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT A DISTANCE OF 285.80 FEET WESTERLY ALONG THE NORTHERLY SIDE OF WEST 29<sup>TH</sup> STREET (60' WIDE), FROM THE CORNER FORMED BY THE INTERSECTION OF SAID NORTHERLY SIDE OF WEST 29<sup>TH</sup> STREET AND THE WESTERLY SIDE OF ELEVENTH AVENUE (100' WIDE), BEING THE POINT OR PLACE OF BEGINNING, AND RUNNING; THENCE

WESTERLY, ALONG SAID NORTHERLY SIDE OF WEST 29<sup>TH</sup> STREET, A DISTANCE OF 112.57 FEET TO A POINT; THENCE

NORTHERLY, AND PARALLEL WITH SAID WESTERLY SIDE OF ELEVENTH AVENUE, FORMING AN INTERIOR ANGLE OF 90 DEGREES WITH THE PREVIOUS COURSE, A DISTANCE OF 98.75 FEET TO THE POINT IN THE CENTERLINE OF THE BLOCK; THENCE

EASTERLY, ALONG SAID CENTERLINE OF THE BLOCK AND PARALLEL WITH SAID NORTHERLY SIDE OF WEST 29<sup>TH</sup> STREET, FORMING AN INTERIOR ANGLE OF 90 DEGREES WITH THE PREVIOUS COURSE, A DISTANCE OF 112.57 FEET TO A POINT; THENCE

SOUTHERLY, AND PARALLEL WITH SAID WESTERLY SIDE OF ELEVENTH AVENUE, FORMING AN INTERIOR ANGLE OF 90 DEGREES WITH THE PREVIOUS COURSE, A DISTANCE OF 98.75 FEET TO A POINT BEING THE POINT OR PLACE OF BEGINNING;

ENCOMPASSING AN AREA OF 11,116 SQUARE FEET (0.255 ACRES).

**APPENDIX B**  
**EXCAVATION WORK PLAN**



## EXCAVATION WORK PLAN

### 1.0 NOTIFICATION

At least 15 days prior to the start of any activity that is anticipated to encounter remaining contamination, the Controlled Property owner or their representative will notify the NYSDEC. Table 1 includes contact information for the above notification. The information on this table will be updated as necessary to provide accurate contact information.

**Table 1**  
**Notifications\***

Erick Bower NYSDEC Office Representative	(518) 402-9824 / erick.bower@dec.ny.gov
Kelly Lewandowski NYSDEC Site Control, Central Office	(518) 402-9569 / kelly.lewandowski@dec.ny.gov

\* Note: Notifications are subject to change and will be updated as necessary.

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent of excavation, plans/drawings for Controlled Property re-grading, intrusive elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated and any work that may impact an engineering control;
- A summary of environmental conditions anticipated to be encountered in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work;
- A summary of the applicable components of this Excavation Work Plan (EWP);
- A statement that the work will be performed in compliance with this EWP, 29 CFR 1910.120, and 29 CFR 1926 Subpart P;
- A copy of the contractor's health and safety plan (HASP), in electronic format, if it differs from the HASP provided in Appendix C of this SMP;
- Identification of disposal facilities for potential waste streams; and
- Identification of sources of any anticipated backfill, along with all required chemical testing results.

### 2.0 SOIL SCREENING METHODS

Visual, olfactory, and instrument-based [e.g. photoionization detector (PID)] soil screening will be performed by a Qualified Environmental Professional (QEP), or someone under their direct supervision, during all excavations into known or potentially contaminated material (remaining contamination). Soil screening will be performed when invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after issuance of the Certificate of Completion (COC).

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal and material that requires testing to determine if the material can be reused on-site as soil beneath a cover or if the material can be used as cover soil. Further discussion of off-site disposal of materials and on-site reuse is provided in Sections 6.0 and 7.0, respectively, of this Appendix.

### **3.0 SOIL STAGING METHODS**

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters, and other discharge points. Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Controlled Property and available for inspection by the NYSDEC. Soil that exhibits evidence of contamination (i.e., elevated PID readings, staining, odors, etc.) will be separately staged for off-site disposal. Information on staged soil will be tracked in the Site field log book and updated at the end of each workday. Segregated stockpiles will be covered with anchored tarps to prevent soil from blowing and/or drifting until off-site disposal.

### **4.0 MATERIALS EXCAVATION AND LOAD-OUT**

A QEP or person under their direct supervision will oversee all invasive work and the excavation and load-out of all excavated material. The owner of the property and remedial party (if applicable) and its contractors are responsible for safe execution of all invasive and other work performed under this EWP. The presence of utilities and easements on the Controlled Property will be investigated by the QEP. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the Controlled Property.

Loaded vehicles leaving the Controlled Property will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate federal, state, local, and New York State Department of Transportation (NYSDOT) requirements (and all other applicable transportation requirements).

A truck wash will be operated on-site, as appropriate. The QEP, or person under their supervision, will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the Controlled Property until the activities performed under this section are complete. Truck wash waters will be collected and disposed of off-site in an appropriate manner. Locations where vehicles enter or exit the Controlled Property shall be inspected daily for evidence of off-site soil tracking. The QEP, or person under their supervision, will be responsible for ensuring that all egress points for truck and equipment transport from the Controlled Property are clean of dirt and other materials derived from the Controlled Property during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials.

### **5.0 MATERIALS TRANSPORT OFF-SITE**

All transport of materials will be performed by licensed haulers in accordance with appropriate local, state, and federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded. Material transported by trucks exiting the Controlled Property will be secured with

tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

Truck transport routes are as follows:

- Trucks entering the Controlled Property will take the 36<sup>th</sup> Street exit from the Lincoln Tunnel toward Interstate-495 East/Downtown/Madison Square Garden; continue left onto Dyer Avenue and merge onto West 30<sup>th</sup> Street; turn right onto 9<sup>th</sup> Avenue; and turn right onto West 29<sup>th</sup> Street. The Controlled Property will be on the right.
- Trucks exiting the Controlled Property will continue on West 29<sup>th</sup> Street toward 12<sup>th</sup> Avenue; turn right onto 12<sup>th</sup> Avenue; turn right onto West 30<sup>th</sup> Street; turn left onto 10<sup>th</sup> Avenue; turn right onto Dyer Avenue; and use the left lane to merge onto NY-495 West/Lincoln Tunnel toward New Jersey.

All trucks loaded with Controlled Property materials will exit the vicinity of the Site using only these approved truck routes. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the Controlled Property. Egress points for truck and equipment transport from the Controlled Property will be kept clean of dirt and other materials during site remediation and development. Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited.

## **6.0 MATERIALS DISPOSAL OFF-SITE**

All material excavated and removed from the Controlled Property will be treated as contaminated and regulated material and will be transported and disposed in accordance with all local, state, and federal regulations. If disposal of material from the Controlled Property is proposed for unregulated off-site disposal (i.e., clean soil removed for development purposes), a formal request with an associated plan will be made to the NYSDEC. Unregulated off-site management of materials from this site will not occur without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e., hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, construction and demolition (C&D) debris recovery facility, etc. Actual disposal quantities and associated documentation will be reported to the NYSDEC in the Periodic Review Report (PRR). This documentation will include waste profiles, test results, facility acceptance letters, manifests, bills of lading, and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at a minimum, as Municipal Solid Waste per 6 NYCRR Parts 360-1.2. Material that does not meet Unrestricted Use Soil Cleanup Objectives (UUSCOs) is prohibited from being taken to a New York State recycling facility (6 NYCRR Part 360-16 Registration Facility).

## **7.0 MATERIALS REUSE ON-SITE**

The QEP, or designated personnel under their supervision, will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain on-site. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for reuse on-site will be placed

below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Controlled Property will not be reused on-site.

## **8.0 FLUIDS MANAGEMENT**

All liquids to be removed from the Controlled Property, including but not limited to, excavation dewatering, decontamination waters, and groundwater monitoring well purge and development waters, will be handled, transported and disposed of in accordance with applicable local, state, and federal regulations. Dewatering, purge, and development fluids will not be recharged back to the land surface or subsurface of the Controlled Property, and will be managed off-site, unless prior approval is obtained from NYSDEC.

Discharge of water generated during large-scale construction activities to surface waters (i.e., a local pond, stream, or river) will be performed under a SPDES permit.

## **9.0 COVER SYSTEM RESTORATION**

After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with the Remedial Action Work Plan (RAWP). The existing cover system is composed of a minimum of 24 inches of virgin crushed stone and the concrete building slab. The demarcation layer, consisting of geotextile fabric will be replaced to provide a visual reference to the top of the remaining contamination zone, the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in this SMP. If the type of cover system changes from that which exists prior to the excavation (e.g., an asphalt cover is replaced by soil), as shown on Figure 4, this will constitute a modification of the cover element of the remedy and the upper surface of the remaining contamination. A figure showing the modified surface will be included in the subsequent PRR and in an updated SMP.

## **10.0 BACKFILL FROM OFF-SITE SOURCES**

All materials proposed for import onto the Controlled Property will be approved by the QEP and will be in compliance with provisions in this SMP prior to receipt at the Controlled Property. A Request to Import/Reuse Fill or Soil form, which can be found at <http://www.dec.ny.gov/regulations/67386.html>, will be prepared and submitted to the NYSDEC project manager allowing a minimum of 5 business days for review.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the Controlled Property. All imported soils will meet the backfill and cover soil quality standards established in 6 NYCRR 375-6.7(d). Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this Controlled Property, will not be imported onto the Controlled Property without prior approval by NYSDEC. Solid waste will not be imported onto the Controlled Property.

Trucks entering the Controlled Property with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases.

## **11.0 STORMWATER POLLUTION PREVENTION**

Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in the SMP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

## **12.0 EXCAVATION CONTINGENCY PLAN**

If underground storage tanks (USTs) or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for a full list of analytes [Target Analyte List (TAL) metals, Target Compound List (TCL) volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs), TCL pesticides, and polychlorinated biphenyls (PCBs)], unless the Controlled Property history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included in the PRR.

## **13.0 COMMUNITY AIR MONITORING PLAN**

Work zone air monitoring will be performed for the health and safety of workers during intrusive work activities in accordance with action levels and guidance outlined in the site-specific HASP in Appendix C of this SMP. During intrusive activities, all windows and doors at street level will remain closed to prevent exposure to the public and the existing ventilation system and any additional ventilation fans will vent to the roof.

Community air monitoring will be performed at the perimeter of the Controlled Property continuously during intrusive site activities including the loading or staging of excavated soil prior to transportation and off-site disposal. In addition, community air monitoring will be performed periodically (at a minimum once per hour) on a roving basis with a concentration on any active exterior work area(s).

VOC and particulate monitoring equipment will consist of a PID capable of detecting the VOCs found in the excavated soil and real-time aerosol or particulate monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM<sub>10</sub>). VOC monitoring equipment will be calibrated, and the particulate monitoring equipment zeroed, on a daily basis and documented in a dedicated field log

book. Both VOC and particulate monitoring equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the prescribed action levels.

If VOC monitoring results in the ambient air concentration of total organic vapors in excess of 5 parts per million (ppm) above background for the 15-minute average, work activities will be temporarily halted and monitoring continued. If the total organic vapor level readily decreases below 5 ppm over background, work activities can resume with measures taken to reduce vapors and continue monitoring. If total organic vapor levels persist at levels in excess of 5 ppm over background, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. If the organic vapor level is repeatedly over 25 ppm above background, activities will be shut down and the engineering controls and the Site work plan re-evaluated.

If particulate monitoring results in a 15-minute average concentration measurement that is between 100 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) and  $150 \mu\text{g}/\text{m}^3$  above the background level, additional dust suppression techniques will be implemented to reduce the generation of fugitive dust and corrective action taken to protect Site personnel and reduce the potential for contaminant migration. Should dust suppression measures being utilized not lower particulates to an acceptable level (e.g., below  $150 \mu\text{g}/\text{m}^3$  above the background level, and no visible dust from the work area), work will be suspended until appropriate corrective measures are implemented to remedy the situation.

Details regarding work zone and community air monitoring are outlined in the HASP attached as Appendix C. Exceedances of action levels listed in the CAMP will be reported to the NYSDEC and NYSDOH project managers. The CAMP data will be made available to the NYSDEC and NYSDOH daily as practicable and any exceedances will be made known to the Agencies on the day of the exceedances as soon as possible. NYSDEC and NYSDOH will be notified of all corrective actions taken to address any exceedances.

The locations of air monitoring stations will be determined prior to the start of work based on wind conditions to provide an upwind and at least two downwind monitoring stations. At least one fixed monitoring station will be located on the eastern perimeter of the Controlled Property, adjacent to nearby residential buildings. If additional sensitive receptors are identified during Site work (i.e., daycares, schools, etc.), the CAMP stations will be moved adjacent to any such receptors.

### **13.1 Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures**

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.

- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed  $150 \mu\text{g}/\text{m}^3$ , work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to  $150 \mu\text{g}/\text{m}^3$  or less at the monitoring point.
- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

### **13.2 Special Requirements for Indoor Work with Co-Located Residences or Facilities**

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under Section 13.1, except that in this instance “nearby/occupied structures” would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g., weekends or evenings) when building occupancy is at a minimum.

## **14.0 ODOR CONTROL PLAN**

This odor control plan is capable of controlling emissions of nuisance odors emanating on-site. Specific odor control methods to be used on a routine basis will include monitoring by the on-site personnel under the direction of a QEP, the use of tarps to cover stockpiles or open excavation areas, and/or odor suppressant foams. If nuisance odors are identified at the Controlled Property boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the remedial party’s Remediation Engineer, and any measures that are implemented will be discussed in the PRR.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

## **15.0 DUST CONTROL PLAN**

A dust suppression plan that addresses dust management during invasive on-site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved through the use of a dedicated on-site water source for road wetting. The water source will be capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

## **16.0 OTHER NUISANCES**

A plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and site grubbing, and during all remedial work. A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.



**APPENDIX C**  
**HEALTH AND SAFETY PLAN**

# **WEST 29<sup>TH</sup> STREET**

**601 WEST 29<sup>TH</sup> STREET**

**NEW YORK, NEW YORK**

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## **Health and Safety Plan**

**NYSDEC Site Number: C231107**

**AKRF Project Number: 170087**

### **Prepared for:**

NYSDEC  
625 Broadway  
Albany, New York 12233

### **On Behalf Of:**

DD West 29<sup>th</sup> LLC  
% Douglaston Development  
7 Penn Plaza, 6<sup>th</sup> Floor  
New York, NY 10001

### **Prepared by:**



AKRF, Inc.  
440 Park Avenue South  
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**JUNE 2020; REVISED APRIL 2023**

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- Attachment E – Emergency Hand Signals

## 1.0 INTRODUCTION

### 1.1 Purpose

This Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) were prepared by AKRF, Inc. (AKRF) on behalf of DD West 29<sup>th</sup> LLC (the Volunteer) for the West 29<sup>th</sup> Street site located at 601 West 29<sup>th</sup> Street in New York, New York, herein referred to as the “Site.” The Site is also defined as New York City Tax Block 675, Lot 12.

The Site was investigated and remediated in accordance with Brownfield Cleanup Agreement (BCA) Index No. C231107-02-18, which was executed in March 2018. The Site was remediated to a split Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Track 4 contingency in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP), dated May 2019 and Decision Document (DD), dated July 2019. The Track 4 area is hereby referred to as the “Controlled Property.” A Site Management Plan (SMP) was prepared to manage remaining contamination at the Controlled Property until the Environmental Easement [an Institutional Control (IC) restricting the type of use at the property to restricted residential] is extinguished. The SMP includes an Engineering Control (EC) and IC Plan, a Monitoring Plan, and a Site Management Reporting Plan. An Excavation Work Plan (EWP), which includes provisions for managing excavated material, is also attached to the SMP. Details on the Controlled Property environmental history and remedial activities performed are provided in the SMP.

ECs have been incorporated into the remedy to control exposure to remaining contamination during the use of the Controlled Property to ensure protection of public health and the environment. A composite cover system was implemented as part of the remedial action and is an EC for the Controlled Property. An Environmental Easement granted to the NYSDEC and recorded with the New York County Clerk will require compliance with this SMP and all ECs and ICs placed on the Controlled Property.

The ICs place restrictions on the Controlled Property use and mandate operation, maintenance, monitoring, and reporting measures for all ECs and ICs. The SMP specifies the methods necessary to ensure compliance with all ECs and ICs required by the Environmental Easement for contamination that may remain at the Controlled Property. The SMP may be revised only with the approval of the NYSDEC.

The purpose of this HASP and CAMP is to assign responsibilities, establish personnel protection standards and mandatory safety practices and procedures, and provide for contingencies that may arise during field activities at the Site. The HASP is intended to minimize health and safety risks resulting from the known or potential presence of contaminated materials. This HASP also includes supplemental requirements to minimize potential exposure related to COVID-19 (see Attachment A). The CAMP outlines appropriate monitoring, mitigation measures, and reporting requirements to ensure that the surrounding community is not affected during implementation of the field activities conducted under the SMP.

This HASP is an appendix to the SMP, which details the procedures required to manage known or potential residual contamination following completion of the remedial action at the Controlled Property. The purpose of the HASP is to assign responsibilities, establish personnel protection standards and mandatory safety practices and procedures, and provide contingencies that may arise associated with the post-remediation groundwater treatment, periodic sampling activities, and potential soil disturbance activities conducted at the Controlled Property. The HASP takes into account the specific hazards inherent to the Controlled Property, and presents procedures to

be followed by AKRF and contractors to avoid and if necessary, protect against health and/or safety hazards. Application of this HASP should be considered on a task-by-task basis, as not all measures are necessary for all activities on-site. On-site work activities should comply with applicable parts of Occupational Safety and Health Administration (OSHA) Regulations, primarily 29 CFR Parts 1910 and 1926. A copy of this HASP will be maintained on-site during work performed under the SMP.

All workers who participate in activities at the Controlled Property that are under the direction of AKRF or the Site owner are required to comply with the provisions specified in this HASP. All visitors who enter designated work zones must also comply with this HASP. Refusal or failure to comply with the HASP or violation of any safety procedures by field personnel and/or subcontractors performing work covered by this HASP may result in immediate removal from the Controlled Property following consultation with the owner's representative. No personnel are permitted to enter permit confined spaces under this HASP.

## **1.2 Scope**

This HASP has been developed to address the health and safety concerns during Controlled Property operations and maintenance, monitoring, and inspections after completion of the Controlled Property remedy, under the direction of AKRF and the contractor as specified in the SMP. Although the HASP addresses all activities listed herein, work at the individual locations may include all or only some of these tasks. On-site work anticipated under the SMP includes the following tasks:

- Annual Cover System Inspections

## **1.3 Application**

The HASP applies to all personnel involved in the above tasks under the direction of the Controlled Property owner or AKRF who wish to gain access to active intrusive work areas, including, but not limited to:

- Owner's representatives, contractors, and subcontractors performing tasks under the direction of AKRF, the owner, or the owner's representative;
- Federal, state, or local representatives;
- AKRF or the contractor's employees; and
- AKRF or the contractor's subcontractors.

## **2.0 PROJECT ORGANIZATION AND RESPONSIBILITIES**

This section specifies the project team's project organization.

### **2.1 Remedial Engineer**

The Remedial Engineer for this project is Michelle Lapin, P.E. The Remedial Engineer will have primary direct responsibility for implementation of the remedial program for the Controlled Property. The Remedial Engineer will certify the Periodic Review Report (PRR) and other document as necessary.

### **2.2 QA/QC Officer**

The Quality Assurance/Quality Control (QA/QC) officer is Marc Godick of AKRF. The QA/QC officer's responsibilities include the following:

- Plans, schedules, and manages implementation of remediation activities;
- Coordinates with the Project Manager, Site Supervisor, and Remedial Engineer to ensure that health and safety requirements are met;
- Ensures that field work is scheduled with adequate personnel and equipment resources to complete the job safely and enforce Site health and safety rules;
- Conducts periodic inspections;
- Participates in incident investigations;
- Ensures the HASP has all of the required approvals before any work is conducted on the Controlled Property;
- Ensures that the Project Manager is informed of project changes that require modifications of the HASP; and
- Has overall project responsibility for Project Health and Safety.

### **2.3 Project Manager**

The Project Manager is Adrianna Bosco of AKRF. The Project Manager responsibilities include the following:

- Manages day-to-day implementation of the Site safety measures specified in the HASP;
- Ensures that adequate communication between field crews, health and safety monitoring personnel, and emergency response personnel is maintained;
- Confirms that field Site personnel are adequately trained and qualified to work at the Site and that proper personal protective equipment (PPE) is utilized by field teams;
- Investigates and report all accidents/incidents to the QA/QC officer and Remedial Engineer;
- Conducts and documents periodic safety briefings;
- Stops work if necessary based on health and safety monitoring;
- Acts as the primary point of contact for Site-related activities and coordination with non-project-related Site operations;
- Identifies operational changes that require potential modifications to health and safety procedures and Site safety plans, and reports such changes to the QA/QC officer and Project Director;
- Conducts health and safety monitoring activities;
- Determines upgrades or downgrades of PPE based on Site conditions and/or real-time monitoring results;

- Ensures that monitoring instruments are calibrated; and
- Reports to the QA/QC officer and Remedial Engineer to provide summaries of field operations and progress.

## **2.4 Site Supervisor**

The Site Supervisor will be appointed by the contractor or the Volunteer. If work is being performed solely by AKRF, the Site Supervisor tasks would be performed by the Project Manager (see Section 2.2). The Site Supervisor responsibilities include the following:

- Provide for the necessary training of field crews in accordance with OSHA regulations and provides proof of training to the Project Manager prior to entering the Site;
- Conduct routine safety inspections of their work areas;
- Conduct incident investigations and together with the Project Manager, prepares appropriate reports;
- Enforces health and safety rules and compliance with the HASP; and
- Plans field work using appropriate safe procedures and equipment.

## **2.5 Site Personnel**

The Site Personnel responsibilities include the following:

- Report any unsafe or potentially hazardous conditions to the Project Manager;
- Maintain knowledge of the information, instructions and emergency response actions contained in the HASP;
- Comply with rules, regulations and procedures as set forth in this HASP and any revisions;
- Prevent admittance to work Sites by unauthorized personnel; and
- Inspect all tools and equipment, including PPE, prior to use.



### **3.0 SITE HISTORY AND BACKGROUND**

The Controlled Property is located in Manhattan, New York County, New York and is identified as a portion of Section 1, Block 675, Lot 12 on the New York City Tax Map. The Controlled Property is an approximately 0.25-acre parcel consisting of a slab-on-grade parking garage, currently under construction. The Controlled Property is bounded by: a private parking and office facility for the Port Authority of New York and New Jersey, followed by West 30<sup>th</sup> Street to the north; West 29<sup>th</sup> Street, followed by a Con Edison facility to the south; the remainder of the BCP Site to the east; and a private parking facility, followed by 12<sup>th</sup> Avenue and the Hudson River Park to the west. The surrounding area is developed primarily with residential, commercial, manufacturing, transportation, institutional, and industrial uses.

Historic records indicated that the Controlled Property and the remainder of the BCP Site have been used for industrial, automotive, and commercial purposes since the late 1800s. The Controlled Property was developed with a lumber yard as early as 1890. Between approximately 1950 and 1985, the lot was occupied by truck parking and an express terminal, which was later replaced by a warehouse of unspecified use in 1987 through 2005.

Between July 2019 and April 2020, the Controlled Property was remediated in accordance with the NYSDEC-approved Remedial Action Work Plan. The remedial elements performed on the Controlled Property consisted of the following:

**1. Soil Excavation and Off-Site Disposal:**

On-site soil was excavated down to a maximum depth of 2 feet below grade for construction of the slab-on-grade parking garage. In total, approximately 1,200 cubic yards of soil/fill were excavated and disposed of off-site for remedial purposes. During all excavation and ground intrusive activities, AKRF conducted real-time air monitoring for particulates and VOCs, in accordance with the Community Air Monitoring Plan (CAMP) included in the NYSDEC-approved RAWP.

Post-excavation soil endpoint samples were collected across the Controlled Property to evaluate performance of the remedy. Track 4 site-specific clean-up objectives for Restricted-Residential use were achieved.

**2. Material Import:**

Approximately 800 tons of virgin structural fill – bluestone were imported from Impact Environmental's IRRC facility in Lyndhurst, New Jersey. This imported material met the requirements of 6 NYCRR Part 375-6.8(a) and were imported to establish the designed grades at the Controlled Property prior to installation of the waterproofing membrane and concrete slab.

**3. Institutional Control (IC)**

The imposition of an Institutional Control (IC) in the form of an Environmental Easement (EE) for the Controlled Property. The Controlled Property has a series of ICs in the form of site restrictions and requirements. The restrictions that apply to the Controlled Property are:

- The Controlled Property may be used for restricted residential, commercial, or industrial use;
- All ECs must be operated and maintained as specified in this SMP;

- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the Controlled Property is prohibited without necessary water quality treatment to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from NYSDEC;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
- Access to the Controlled Property must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any future occupied buildings developed in the area within the IC boundaries (Controlled Property) noted on Figure 2 of the SMP, and any potential impacts that are identified must be monitored or mitigated; and
- In-ground vegetable gardens and farming on the Controlled Property are prohibited.

**4. Engineering Control (EC)**

The Controlled Property has one primary Engineering Control (EC) in the form of a composite cover system:

- An engineered composite cover system consisting of a minimum 2-foot clean fill buffer with demarcation barrier, concrete building foundations, sidewalks, and pathways.

**5. Site Management Plan (SMP)**

Since an environmental easement was required following implementation of the remedy, an SMP, including an IC/EC Plan and Monitoring Plan to assess the performance and effectiveness of the remedy, was prepared.

Full documentation of remedial activities will be provided in the Final Engineering Report (FER).

## 4.0 HEALTH AND SAFETY GUIDELINES AND PROCEDURES

### 4.1 Hazard Evaluation

#### 4.1.1 Hazards of Concern

**Table 1**  
**Hazards of Concern**

X	Organic Chemicals	X	Inorganic Chemicals		Radiological
	Biological		Explosive/Flammable		Oxygen Deficient Atm.
X	Heat Stress	X	Cold Stress		Carbon Monoxide
Comment: No personnel without confined space entry permits may to enter confined spaces.					

#### 4.1.2 Physical Characteristics

**Table 2**  
**Physical Characteristics**

X	Liquid	X	Solid		Sludge
X	Vapors		Unknown		Other

#### 4.1.3 Hazardous Materials

**Table 3**  
**Hazardous Materials**

Chemicals		Solids		Solvents		Oils	
	Acids	X	Ash		Halogens		Transformer
	Caustics		Asbestos	X	Petroleum		Motor
X	Pesticides		Tailings			X	Hydraulic
X	Petroleum	X	Historic Fill			X	Gasoline
	Inks					X	Fuel
X	PCBs						Waste
X	Metals						
X	SVOCs						
X	VOCs						

#### 4.1.4 Chemicals of Concern

**Table 4**  
**Chemicals Of Concern**

Chemicals	REL/PEL/STEL (ppm)	Health Hazards
Acetone	REL = 250 ppm PEL = 1,000 ppm	Irritation eyes, skin, respiratory system; dizziness, lassitude (weakness, exhaustion), headache, confusion, convulsions; liver, kidney injury; pulmonary edema, asphyxia
Fuel Oil	REL = 350 mg/m <sup>3</sup> PEL = 400 ppm	Nausea, irritation – eyes, hypertension, headache, light-headedness, loss of appetite, poor coordination; long-term exposure – kidney damage, blood clotting problems; potential carcinogen.
Lead	REL = 0.05 mg/m <sup>3</sup> PEL = 0.05 mg/m <sup>3</sup>	Lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension.
Mercury	REL = 0.1 mg/m <sup>3</sup> PEL = 0.05 mg/m <sup>3</sup>	Irritation eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria.
Pesticides	REL = 0.5 mg/m <sup>3</sup> PEL = 1 mg/m <sup>3</sup> (skin)	Irritation eyes, skin; paresthesia tongue, lips, face; tremor; anxiety, dizziness, confusion, malaise (vague feeling of discomfort), headache, lassitude (weakness, exhaustion); convulsions; paresis hands; vomiting; [potential occupational carcinogen]
Polycyclic Aromatic Hydrocarbons (PAHs)	PEL = 5 mg/m <sup>3</sup>	Harmful effects to skin, bodily fluids, and ability to fight disease, reproductive problems; [potential occupational carcinogen].
Polychlorinated Biphenyls (PCBs)	REL = 0.001 mg/m <sup>3</sup> PEL = 0.5 mg/m <sup>3</sup>	Irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen].
Notes: REL = National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit PEL = OSHA Permissible Exposure Limit STEL = OSHA Short Term Exposure Limit ppm = parts per million mg/m <sup>3</sup> = milligrams per cubic meter		

#### 4.2 Training

All personnel who enter the work area while intrusive activities are being performed will have completed a 40-hour training course that meets OSHA requirements of 29 CFR Part 1910, Occupational Safety and Health Standards. In addition, all personnel will have up-to-date 8-hour refresher training. The training will allow personnel to recognize and understand the potential hazards to health and safety. All field personnel must attend a training program, whose purpose is to:

- Make them aware of the potential hazards they may encounter;
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make them aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Each member of the field crew will be instructed in these objectives before he/she goes onto the Site. A Site safety meeting will be conducted at the start of the project. Additional meetings shall be conducted, as necessary, for new personnel working at the Controlled Property.

#### 4.3 Medical Surveillance Program

All personnel performing field work involving subsurface disturbance at the Controlled Property are required to have passed a complete medical surveillance examination in accordance with 29 CFR 1910.120 (f). A physician's medical release for work will be confirmed by the SSO before an employee can begin Controlled Property activities. The medical release shall consider the type of work to be performed and the required PPE. The medical examination will be, at a minimum, provided annually and upon termination of hazardous waste work.

#### 4.4 Site Work Zones

During any activities involving subsurface disturbance, the work area must be divided into various zones to prevent the spread of contamination, ensure that proper protective equipment is donned, and provide an area for decontamination.

The Exclusion Zone is defined as the area where exposure to impacted media could be encountered. The Contamination Reduction Zone (CRZ) is the area where decontamination procedures take place and is located next to the Exclusion Zone. The Support Zone is the area where support facilities such as vehicles, fire extinguisher, and first aid supplies are located. The emergency staging area (part of the Support Zone) is the area where all workers on-site would assemble in the event of an emergency. A summary of these areas is provided below. These zones may be changed by the SSO, depending on that day's activities. All field personnel will be informed of the location of these zones before work begins.

Appropriate barriers will be set up to secure the area and prevent any unauthorized personnel from approaching within 15 feet of the work area.

**Table 5**  
**Work Zones**

<b>Task</b>	<b>Exclusion Zone</b>	<b>CRZ</b>	<b>Support Zone</b>
Soil Excavation	15 feet from excavation border and excavation equipment or vehicles	15 feet from excavation border and excavation equipment or vehicles	As Needed

## 4.5 Air Monitoring Program

The purpose of the air monitoring program is to identify any exposure of the field personnel to potential environmental hazards in the soil and soil vapor. Results of the air monitoring will be used to determine the appropriate response action, if needed.

### 4.5.1 Work Zone Air Monitoring

Real time air monitoring of volatile organic compounds (VOCs) and particulates will be performed in the work zone during all intrusive activities conducted at the Controlled Property. Work zone air monitoring for VOCs will be performed with a photoionization detector (PID). The PID will be calibrated with 100 parts per million (ppm) isobutylene standard in accordance with the manufacturer's instructions at the start of each work day. Work zone air monitoring for particulates will be conducted using a MIE 1000 Personal DataRam or equivalent to measure the concentration of airborne respirable particulates less than 10 micrometers in size (PM<sub>10</sub>).

The SSO shall set up the equipment and confirm that it is working properly. His/her designee may oversee the air measurements during the day. Measurements will be taken prior to commencement of work and continuously during the work. Measurements will be made as close to the workers as practicable and at the breathing height of the workers. The action levels and required responses are listed in the following table:

**Table 6**  
**Work Zone Air Monitoring Action Levels**

<b>Instrument</b>	<b>Action Level</b>	<b>Response Action</b>
PID	Less than 10 ppm in breathing zone	Level D or D-Modified
	Between 10 ppm and 50 ppm	Level C
	More than 50 ppm	Stop work. Resume work when readings are less than 50 ppm
Particulate Monitor (MIE 1000 Personal DataRam™ or equivalent)	Less than 5 mg/m <sup>3</sup> in breathing zone	Level D or D-Modified No respiratory protection is required Implement work practices to reduce/minimize airborne dust generation, e.g., spray/misting of soil with water
	Between 5 mg/m <sup>3</sup> and 125 mg/m <sup>3</sup> in breathing zone	Upgrade to Level C PPE. Apply additional dust suppression measures. If < 2.5 mg/m <sup>3</sup> resume work using level D. Otherwise, use level C.
	More than 125 mg/m <sup>3</sup> above background in breathing zone	Stop Work. Apply additional dust suppression measures. Resume work when less than 125 mg/m <sup>3</sup> .
Notes: mg/m <sup>3</sup> = micrograms per cubic meter; ppm = parts per million		

### 4.5.2 Community Air Monitoring Plan

Community air monitoring will be conducted during all intrusive Controlled Property activities in compliance with the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan (CAMP). Real-time air monitoring for volatile

compounds (VOCs) and dust at the perimeter of the exclusion zone will be performed as described below.

#### **4.5.2.1 Roving Air Monitoring**

##### VOC Monitoring

Continuous monitoring for VOCs will be conducted during all ground intrusive activities, including excavation activities. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background concentrations. VOCs will be monitored continuously at the downwind perimeter of the exclusion zone. Monitoring will be conducted with a PID equipped with a 10.6 eV lamp capable of calculating 15-minute running average concentrations.

More frequent intervals of monitoring will be conducted if required as determined by the SSO. All PID readings will be recorded and available for NYSDEC and NYSDOH personnel to review. Instantaneous readings, if any, will also be recorded.

##### Particulate Monitoring

Continuous monitoring for particulates will be conducted during all ground intrusive activities, which will involve the measurement of respirable dust. Community air monitoring for dust particulates will be conducted using a MIE 1000 Personal DataRam or equivalent to measure the concentration of airborne respirable particulates less than 10 micrometers in size (PM<sub>10</sub>). The dust monitor will be capable of calculating 15-minute running average concentrations and equipped with an audible alarm to indicate exceedance of action levels. Background readings and any readings that trigger response actions will be recorded in the project logbook, which will be available on-site for NYSDOH and/or NYSDEC review.

#### **4.5.2.1 Community Air Monitoring Action Levels**

##### VOC Action Levels

The following actions will be taken based on organic vapor levels measured:

- If total organic vapor levels exceed 5 ppm above background for the 15-minute average at the exclusion zone perimeter, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work activities will resume with continued monitoring.
- If total organic vapor levels at the exclusion zone perimeter persist at levels in excess of 5 ppm above background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities will resume provided that the total organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less – but in no case less than 20 feet – is below 5 ppm above background for the 15-minute average.
- If the total organic vapor level is above 25 ppm at the perimeter of the exclusion zone, activities will be shutdown.

Particulate Action Levels

The following actions will be taken based on particulate levels measured:

- If the particulate concentrations are greater than 100 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) above background, and no other obvious source is apparent, then it will be assumed that the elevated particulate concentrations are a result of site activities. In such instances, dust suppression measures will be implemented and monitoring will be continued. Work will be allowed to continue with dust suppression if particulate levels do not exceed  $150 \mu\text{g}/\text{m}^3$  above the background and provided that no visible dust is migrating from the work area.
- If particulate levels persist at  $150 \mu\text{g}/\text{m}^3$  above the background, work must be stopped until dust suppression measures bring particulate levels to below  $150 \mu\text{g}/\text{m}^3$  above background.

Major Vapor Emission Response Plan

If any organic levels greater than 5 ppm over background are identified 200 feet downwind from the work Controlled Property, or half the distance to the nearest residential or commercial property, whichever is less, all work activities must be halted or vapor controls must be implemented.

If, following the cessation of the work activities, or as the result of an emergency, organic levels persist above 5 ppm above background 200 feet downwind or half the distance to the nearest residential or commercial property from the exclusion zone, then the air quality must be monitored within 20 feet of the perimeter of the nearest residential or commercial structure (20 Foot Zone).

If either of the following criteria is exceeded in the 20 Foot Zone, then the Major Vapor Emission Response Plan shall automatically be implemented:

- Sustained organic vapor levels approaching 1 ppm above background for a period of more than 30 minutes; or
- Organic vapor levels greater than 5 ppm above background for any time period.

Upon activation, the following activities shall be undertaken as part of the Major Vapor Emission Response Plan:

- The NYSDEC, NYSDOH, and local police authorities will be immediately contacted by the SSO and advised of the situation;
- Frequent air monitoring will be conducted at 30-minute intervals within the 20 Foot Zone. If two successive readings below action levels are measured, air monitoring may be halted or modified by the Site Health and Safety Officer; and
- All Emergency contacts will go into effect as appropriate.

All readings will be recorded and be available for NYSDEC and NYSDOH personnel to review.



#### **4.5.3 Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures**

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.
- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150  $\mu\text{g}/\text{m}^3$ , work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150  $\mu\text{g}/\text{m}^3$  or less at the monitoring point.
- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

#### **4.5.4 Special Requirements for Indoor Work with Co-Located Residences or Facilities**

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under Section 4.5.3, except that in this instance “nearby/occupied structures” would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g., weekends or evenings) when building occupancy is at a minimum.

#### 4.6 Personal Protection Equipment (PPE)

The PPE required for various kinds of Controlled Property investigation tasks are based on 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response, Appendix B, “General Description and Discussion of the Levels of Protection and Protective Gear.”

AKRF field personnel and other Controlled Property personnel shall wear, at a minimum, Level D PPE. The protection will be based on the air monitoring described in this section.

Level D PPE includes donning of the following during drilling and sampling:

- Steel or Composite Toed Boots
- Hard Hat
- Work Gloves
- Safety Glasses
- Ear Plugs
- Nitrile Gloves
- Tyvek Suit [if non-aqueous phase liquid (NAPL) is present]
- Cloth face covering or mask (infectious disease protection). Unless otherwise required, N95/KN95 masks or respirators should be reserved for situations where social distancing on-site is difficult or impossible. See Attachment A for more details.

**Table 7**  
**Personal Protection Equipment Requirements**

LEVEL OF PROTECTION & PPE		All Tasks
<b>Level D</b> (X) Steel Toe Shoes (X) Hard Hat (within 25 ft. of excavator) (X) Work Gloves	(X) Safety Glasses ( ) Face Shield (X) Ear Plugs (within 25 ft. of excavator) (X) Nitrile Gloves (X) Tyvek for tank contractor if NAPL present	Yes
<b>Level C (in addition to Level D)</b> (X) Half-Face Respirator (X) Full Face Respirator ( ) Full-Face PAPR	( ) Particulate Cartridge ( ) Organic Cartridge (X) Dual Organic/Particulate Cartridge	If PID > 10 ppm or particulate > 5 mg/m <sup>3</sup> in breathing zone
Comments: Cartridges to be changed out at least once per shift unless warranted beforehand (e.g., more difficult to breath or any odors detected). PAPR = powered air purifying respirator		

#### 4.7 General Work Practices

To protect their health and safety, all field personnel will adhere to the guidelines listed below during activities involving subsurface disturbance:

- Eating, drinking, chewing gum or tobacco, and smoking are prohibited except in designated areas on the Controlled Property. These areas will be designated by the SSO.
- Workers must wash their hands thoroughly on leaving the work area and before eating, drinking, or any other such activity.
- The workers should shower as soon as possible after leaving the Controlled Property. Contact with contaminated or suspected surfaces should be avoided.
- The buddy system should always be used; each buddy should watch for signs of fatigue, exposure, and heat/cold stress.

## 5.0 EMERGENCY PROCEDURES AND EMERGENCY RESPONSE PLAN

The field crew will be equipped with emergency equipment, such as a first aid kit and disposable eye washes. In the case of a medical emergency, the SSO will determine the nature of the emergency and he/she will have someone call for an ambulance, if needed. If the nature of the injury is not serious, i.e., the person can be moved without expert emergency medical personnel, he/she should be driven to the Bronx Lebanon Hospital Center by on-site personnel. Directions to the hospital are provided below, and a hospital route map is provided as Figure 1.

### 5.1 Hospital Directions

**Table 8**  
**Hospital Directions**

<b>Hospital Name:</b>	Mount Sinai West
<b>Phone Number:</b>	(212) 523-4000
<b>Address/Location:</b>	1000 10 <sup>th</sup> Avenue, New York, NY 10019
<b>Directions:</b>	<ol style="list-style-type: none"> <li>1. Turn RIGHT out of the Controlled Property onto West 29<sup>th</sup> Street toward 12<sup>th</sup> Avenue</li> <li>2. Turn RIGHT onto 12<sup>th</sup> Avenue</li> <li>3. Turn RIGHT onto West 50<sup>th</sup> Street</li> <li>4. Turn LEFT onto 10<sup>th</sup> Avenue</li> <li>5. Turn RIGHT onto West 60<sup>th</sup> Street</li> <li>6. Turn RIGHT onto Columbus Avenue</li> <li>7. Turn RIGHT onto West 59<sup>th</sup> Street</li> </ol> <p>Emergency Department will be on the LEFT on West 59<sup>th</sup> Street between Columbus Avenue and 10<sup>th</sup> Avenue.</p>

### 5.2 Emergency Contacts

**Table 9**  
**Emergency Contacts**

Company	Individual Name	Title	Contact Number
AKRF	Michelle Lapin, P.E.	Remedial Engineer	646-388-9520 (office)
	Marc Godick	Project Director & QA/QC Officer	914-922-2356 (office)
	Adrianna Bosco	Project Manager	646-388-9576 (office) 914-874-3358 (cell)
	Tom Giordano	Site Safety Officer (SSO)	914-602-6956 (cell)
DD West 29 <sup>th</sup> LLC	Steven Charno	BCP Volunteer	212-663-3000
Ambulance, Fire Department, & Police Department	-	-	911
NYSDEC Spill Hotline		-	800-457-7362

## 6.0 APPROVAL & ACKNOWLEDGMENTS OF HASP

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
AKRF Project Manager

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
AKRF Health and Safety Officer

Below is an affidavit that must be signed by all workers who enter the site. A copy of the HASP must be on-site at all times and will be kept by the SSO.

### AFFIDAVIT

I, \_\_\_\_\_ (name), of \_\_\_\_\_ (company name), have read the HASP for the West 29<sup>th</sup> Street Site located at 601 West 29<sup>th</sup> Street, New York, New York. I agree to conduct all on-site work in accordance with the requirements set forth in this HASP and understand that failure to comply with this HASP could lead to my removal from the Site.




Signed: _____	Company: _____	Date: _____
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Signed: _____	Company: _____	Date: _____
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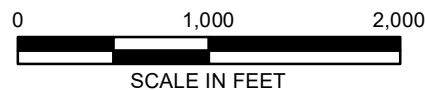
**FIGURE**



Service Layer Credits: ESRC World Street Map  
2016

### LEGEND

-  ROUTE TO HOSPITAL
-  PROJECT SITE BOUNDARY
-  HOSPITAL LOCATION



**Mount Sinai West Hospital**  
1000 10<sup>th</sup> Avenue  
New York, NY 10019  
212-523-4000



440 Park Avenue South, New York, NY 10016

**601 West 29<sup>th</sup> Street**  
Manhattan, New York

## HOSPITAL ROUTE MAP

DATE  
**9/10/2018**

PROJECT NO.  
**170087**

FIGURE  
**1**

**ATTACHMENT A**  
**SUPPLEMENTAL REQUIREMENTS FOR COVID-19**



## ATTACHMENT A

### ON-SITE AND OFF-SITE PROCEDURES TO LIMIT CONTAMINATION AND POTENTIAL SPREAD OF COVID-19

Sources: [CDC - COVID-19 Spread and Prevention Information](#); [OSHA - Workplace Preparation](#)

[Guidance; CDC - Guidance on Extended Use/Limited Reuse of Respiratory Protection](#)

- 1) Maintain minimum 6-foot separation from others whenever possible (social distancing). The virus is thought to spread mainly from person-to-person, between people who are in close contact, through respiratory droplets produced when an infected person coughs or sneezes.
- 2) Wash your hands frequently with soap and water. Wash for at least 20 seconds and, if no soap is present, use a hand sanitizer that contains at least 60% alcohol.
- 3) Wear nitrile gloves whenever possible and be especially mindful of touching common surfaces.
- 4) Disinfect commonly touched surfaces frequently, and items frequently used in public immediately upon returning home.
- 5) Face Coverings and Masks:
  - a) On-site: Wear a cloth face covering or mask at all times when there is no issue with maintaining social distancing. N95/KN95 masks or respirators should be reserved for situations where social distancing on-site is difficult or impossible. Appropriate circumstances for donning an N95/KN95 mask or respirator on-site include, but are not necessarily limited to, going inside the Site trailer; and/or entering, exiting, or traversing the Site if proper social distancing cannot be achieved. This tiered approach will help maintain the supply of N95/KN95 masks so they are available for the highest risk scenarios.
  - b) Off-site During Work-related Commute: The CDC now recommends wearing cloth face coverings in public settings where other social distancing measures are difficult to maintain (<https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/cloth-face-cover.html>). A mask or cloth face covering should be worn during your commute to and from the site if you are unable to achieve proper social distancing. Appropriate times to wear a mask or cloth face covering include, but are not necessarily limited to, walking on crowded sidewalks, traveling in a shared vehicle, and/or if you are required to enter an occupied indoor space to acquire supplies for the site.
- 6) Wear safety glasses or goggles at all times while on-site and some form of eye covering (e.g., sunglasses, prescription and non-prescription glasses, or safety glasses) should be considered when commuting.
- 7) Avoid touching your face (eyes, nose, and mouth).

- 8) Cover your nose and mouth when coughing, sneezing, etc./ cough into elbow.
- 9) Do not spit.
- 10) Try to take your temperature regularly.
- 11) Talk to your supervisor if you, your friends or family members that you live with or spend time with have displayed symptoms of COVID-19, tested positive, or are afflicted with even the common cold/flu.
- 12) Talk to your supervisor if anyone you know at the site tested positive for the COVID-19.
- 13) Follow any additional health & safety protocols required at the site or elsewhere.

**ATTACHMENT B**  
**POTENTIAL HEALTH EFFECTS FROM ON-SITE CONTAMINANTS**

This fact sheet answers the most frequently asked health questions (FAQs) about fuel oils. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

**SUMMARY:** Fuel oils are liquid mixtures produced from petroleum, and their use mostly involves burning them as fuels. Drinking or breathing fuel oils may cause nausea or nervous system effects. However, exposure under normal use conditions is not likely to be harmful. Fuel oils have been found in at least 26 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

### What are fuel oils?

(Pronounced fyoo'əl oilz)

Fuel oils are a variety of yellowish to light brown liquid mixtures that come from crude petroleum. Some chemicals found in fuel oils may evaporate easily, while others may more easily dissolve in water.

Fuel oils are produced by different petroleum refining processes, depending on their intended uses. Fuel oils may be used as fuel for engines, lamps, heaters, furnaces, and stoves, or as solvents.

Some commonly found fuel oils include kerosene, diesel fuel, jet fuel, range oil, and home heating oil. These fuel oils differ from one another by their hydrocarbon compositions, boiling point ranges, chemical additives, and uses.

### What happens to fuel oils when they enter the environment?

- ☐ Some chemicals found in fuel oils may evaporate into the air from open containers or contaminated soil or water.
- ☐ Some chemicals found in fuel oils may dissolve in water after spills to surface waters or leaks from underground storage tanks.

- ☐ Some chemicals found in fuel oils may stick to particles in water, which will eventually cause them to settle to the bottom sediment.
- ☐ Some of the chemicals found in fuel oils may be broken down slowly in air, water, and soil by sunlight or small organisms.
- ☐ Some of the chemicals found in fuel oils may build up significantly in plants and animals.

### How might I be exposed to fuel oils?

- ☐ Using a home kerosene heater or stove, or using fuel oils at work.
- ☐ Breathing air in home or building basements that has been contaminated with fuel oil vapors entering from the soil.
- ☐ Drinking or swimming in water that has been contaminated with fuel oils from a spill or a leaking underground storage tank.
- ☐ Touching soil contaminated with fuel oils.
- ☐ Using fuel oils to wash paint or grease from skin or equipment.

### How can fuel oils affect my health?

Little information is available about the health effects that may be caused by fuel oils. People who use kerosene

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stoves for cooking do not seem to have any health problems related to their exposure.

Breathing some fuel oils for short periods may cause nausea, eye irritation, increased blood pressure, headache, light-headedness, loss of appetite, poor coordination, and difficulty concentrating. Breathing diesel fuel vapors for long periods may cause kidney damage and lower your blood's ability to clot.

Drinking small amounts of kerosene may cause vomiting, diarrhea, coughing, stomach swelling and cramps, drowsiness, restlessness, painful breathing, irritability, and unconsciousness. Drinking large amounts of kerosene may cause convulsions, coma, or death. Skin contact with kerosene for short periods may cause itchy, red, sore, or peeling skin.

### How likely are fuel oils to cause cancer?

The International Agency for Research on Cancer (IARC) has determined that some fuel oils (heavy) may possibly cause cancer in humans, but for other fuel oils (light) there is not enough information to make a determination. IARC has also determined that occupational exposures to fuel oils during petroleum refining are probably carcinogenic in humans.

Some studies with mice have suggested that repeated contact with fuel oils may cause liver or skin cancer. However, other mouse studies have found this not to be the case. No studies are available in other animals or in people on the carcinogenic effects of fuel oils.

### Is there a medical test to show whether I've been exposed to fuel oils?

There is no medical test that shows if you have been exposed to fuel oils. Tests are available to determine if some of

the chemicals commonly found in fuel oils are in your blood. However, the presence of these chemicals in blood may not necessarily mean that you have been exposed to fuel oils.

### Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) and the Air Force Office of Safety and Health (AFOSH) have set a permissible exposure level (PEL) of 400 parts of petroleum distillates per million parts of air (400 ppm) for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that average workplace air levels not exceed 350 milligrams of petroleum distillates per cubic meter of air (350 mg/m<sup>3</sup>) for a 40-hour workweek.

The Department of Transportation (DOT) lists fuel oils as hazardous materials and, therefore, regulates their transportation.

### Glossary

Carcinogenic: Able to cause cancer.

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or a gas.

Hydrocarbon: Any compound made up of hydrogen and carbon.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Sediment: Mud and debris that have settled to the bottom of a body of water.

### References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for fuel oils. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about lead. For more information, call the ATSDR Information Center at 1-800-232-4636. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

**HIGHLIGHTS:** Exposure to lead can happen from breathing workplace air or dust, eating contaminated foods, or drinking contaminated water. Children can be exposed from eating lead-based paint chips or playing in contaminated soil. Lead can damage the nervous system, kidneys, and reproductive system. Lead has been found in at least 1,272 of the 1,684 National Priority List sites identified by the Environmental Protection Agency (EPA).

### What is lead?

Lead is a naturally occurring bluish-gray metal found in small amounts in the earth's crust. Lead can be found in all parts of our environment. Much of it comes from human activities including burning fossil fuels, mining, and manufacturing.

Lead has many different uses. It is used in the production of batteries, ammunition, metal products (solder and pipes), and devices to shield X-rays. Because of health concerns, lead from paints and ceramic products, caulking, and pipe solder has been dramatically reduced in recent years. The use of lead as an additive to gasoline was banned in 1996 in the United States.

### What happens to lead when it enters the environment?

- ☐ Lead itself does not break down, but lead compounds are changed by sunlight, air, and water.
- ☐ When lead is released to the air, it may travel long distances before settling to the ground.
- ☐ Once lead falls onto soil, it usually sticks to soil particles.
- ☐ Movement of lead from soil into groundwater will depend on the type of lead compound and the characteristics of the soil.

### How might I be exposed to lead?

- ☐ Eating food or drinking water that contains lead. Water pipes in some older homes may contain lead solder. Lead can leach out into the water.

- ☐ Spending time in areas where lead-based paints have been used and are deteriorating. Deteriorating lead paint can contribute to lead dust.

- ☐ Working in a job where lead is used or engaging in certain hobbies in which lead is used, such as making stained glass.

- ☐ Using health-care products or folk remedies that contain lead.

### How can lead affect my health?

The effects of lead are the same whether it enters the body through breathing or swallowing. Lead can affect almost every organ and system in your body. The main target for lead toxicity is the nervous system, both in adults and children. Long-term exposure of adults can result in decreased performance in some tests that measure functions of the nervous system. It may also cause weakness in fingers, wrists, or ankles. Lead exposure also causes small increases in blood pressure, particularly in middle-aged and older people and can cause anemia. Exposure to high lead levels can severely damage the brain and kidneys in adults or children and ultimately cause death. In pregnant women, high levels of exposure to lead may cause miscarriage. High-level exposure in men can damage the organs responsible for sperm production.

### How likely is lead to cause cancer?

We have no conclusive proof that lead causes cancer in humans. Kidney tumors have developed in rats and mice that had been given large doses of some kind of lead compounds. The Department of Health and Human Services

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(DHHS) has determined that lead and lead compounds are reasonably anticipated to be human carcinogens and the EPA has determined that lead is a probable human carcinogen. The International Agency for Research on Cancer (IARC) has determined that inorganic lead is probably carcinogenic to humans and that there is insufficient information to determine whether organic lead compounds will cause cancer in humans.

### **How can lead affect children?**

Small children can be exposed by eating lead-based paint chips, chewing on objects painted with lead-based paint, or swallowing house dust or soil that contains lead.

Children are more vulnerable to lead poisoning than adults. A child who swallows large amounts of lead may develop blood anemia, severe stomachache, muscle weakness, and brain damage. If a child swallows smaller amounts of lead, much less severe effects on blood and brain function may occur. Even at much lower levels of exposure, lead can affect a child's mental and physical growth.

Exposure to lead is more dangerous for young and unborn children. Unborn children can be exposed to lead through their mothers. Harmful effects include premature births, smaller babies, decreased mental ability in the infant, learning difficulties, and reduced growth in young children. These effects are more common if the mother or baby was exposed to high levels of lead. Some of these effects may persist beyond childhood.

### **How can families reduce the risks of exposure to lead?**

- ☐ Avoid exposure to sources of lead.
- ☐ Do not allow children to chew on mouth surfaces that may have been painted with lead-based paint.
- ☐ If you have a water lead problem, run or flush water that has been standing overnight before drinking or cooking with it.
- ☐ Some types of paints and pigments that are used as make-up or hair coloring contain lead. Keep these kinds of products away from children
- ☐ If your home contains lead-based paint or you live in an area contaminated with lead, wash children's hands and faces

often to remove lead dusts and soil, and regularly clean the house of dust and tracked in soil.

### **Is there a medical test to determine whether I've been exposed to lead?**

A blood test is available to measure the amount of lead in your blood and to estimate the amount of your recent exposure to lead. Blood tests are commonly used to screen children for lead poisoning. Lead in teeth or bones can be measured by X-ray techniques, but these methods are not widely available. Exposure to lead also can be evaluated by measuring erythrocyte protoporphyrin (EP) in blood samples. EP is a part of red blood cells known to increase when the amount of lead in the blood is high. However, the EP level is not sensitive enough to identify children with elevated blood lead levels below about 25 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ). These tests usually require special analytical equipment that is not available in a doctor's office. However, your doctor can draw blood samples and send them to appropriate laboratories for analysis.

### **Has the federal government made recommendations to protect human health?**

The Centers for Disease Control and Prevention (CDC) recommends that states test children at ages 1 and 2 years. Children should be tested at ages 3–6 years if they have never been tested for lead, if they receive services from public assistance programs for the poor such as Medicaid or the Supplemental Food Program for Women, Infants, and Children, if they live in a building or frequently visit a house built before 1950; if they visit a home (house or apartment) built before 1978 that has been recently remodeled; and/or if they have a brother, sister, or playmate who has had lead poisoning. CDC considers a blood lead level of 10  $\mu\text{g}/\text{dL}$  to be a level of concern for children.

EPA limits lead in drinking water to 15  $\mu\text{g}$  per liter.

### **References**

Agency for Toxic Substances and Disease Registry (ATSDR). 2007. Toxicological Profile for lead (Update). Atlanta, GA: U.S. Department of Public Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology and Environmental Medicine, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-800-232-4636, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.





**This fact sheet answers the most frequently asked health questions (FAQs) about mercury. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.**

**HIGHLIGHTS: Exposure to mercury occurs from breathing contaminated air, ingesting contaminated water and food, and having dental and medical treatments. Mercury, at high levels, may damage the brain, kidneys, and developing fetus. This chemical has been found in at least 714 of 1,467 National Priorities List sites identified by the Environmental Protection Agency.**

### What is mercury?

(Pronounced mŭr'kyə-rē)

Mercury is a naturally occurring metal which has several forms. The metallic mercury is a shiny, silver-white, odorless liquid. If heated, it is a colorless, odorless gas.

Mercury combines with other elements, such as chlorine, sulfur, or oxygen, to form inorganic mercury compounds or "salts," which are usually white powders or crystals. Mercury also combines with carbon to make organic mercury compounds. The most common one, methylmercury, is produced mainly by microscopic organisms in the water and soil. More mercury in the environment can increase the amounts of methylmercury that these small organisms make.

Metallic mercury is used to produce chlorine gas and caustic soda, and is also used in thermometers, dental fillings, and batteries. Mercury salts are sometimes used in skin lightening creams and as antiseptic creams and ointments.

### What happens to mercury when it enters the environment?

- ☐ Inorganic mercury (metallic mercury and inorganic mercury compounds) enters the air from mining ore deposits, burning coal and waste, and from manufacturing plants.
- ☐ It enters the water or soil from natural deposits, disposal of wastes, and volcanic activity.

- ☐ Methylmercury may be formed in water and soil by small organisms called bacteria.
- ☐ Methylmercury builds up in the tissues of fish. Larger and older fish tend to have the highest levels of mercury.

### How might I be exposed to mercury?

- ☐ Eating fish or shellfish contaminated with methylmercury.
- ☐ Breathing vapors in air from spills, incinerators, and industries that burn mercury-containing fuels.
- ☐ Release of mercury from dental work and medical treatments.
- ☐ Breathing contaminated workplace air or skin contact during use in the workplace (dental, health services, chemical, and other industries that use mercury).
- ☐ Practicing rituals that include mercury.

### How can mercury affect my health?

The nervous system is very sensitive to all forms of mercury. Methylmercury and metallic mercury vapors are more harmful than other forms, because more mercury in these forms reaches the brain. Exposure to high levels of metallic, inorganic, or organic mercury can permanently damage the brain, kidneys, and developing fetus. Effects on brain functioning may result in irritability, shyness, tremors, changes in vision or hearing, and memory problems.

Short-term exposure to high levels of metallic mercury vapors may cause effects including lung damage, nausea,



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vomiting, diarrhea, increases in blood pressure or heart rate, skin rashes, and eye irritation.

### **How likely is mercury to cause cancer?**

There are inadequate human cancer data available for all forms of mercury. Mercuric chloride has caused increases in several types of tumors in rats and mice, and methylmercury has caused kidney tumors in male mice. The EPA has determined that mercuric chloride and methylmercury are possible human carcinogens.

### **How can mercury affect children?**

Very young children are more sensitive to mercury than adults. Mercury in the mother's body passes to the fetus and may accumulate there. It can also can pass to a nursing infant through breast milk. However, the benefits of breast feeding may be greater than the possible adverse effects of mercury in breast milk.

Mercury's harmful effects that may be passed from the mother to the fetus include brain damage, mental retardation, incoordination, blindness, seizures, and inability to speak. Children poisoned by mercury may develop problems of their nervous and digestive systems, and kidney damage.

### **How can families reduce the risk of exposure to mercury?**

Carefully handle and dispose of products that contain mercury, such as thermometers or fluorescent light bulbs. Do not vacuum up spilled mercury, because it will vaporize and increase exposure. If a large amount of mercury has been spilled, contact your health department. Teach children not to play with shiny, silver liquids.

Properly dispose of older medicines that contain mercury. Keep all mercury-containing medicines away from children.

Pregnant women and children should keep away from

rooms where liquid mercury has been used.

Learn about wildlife and fish advisories in your area from your public health or natural resources department.

### **Is there a medical test to show whether I've been exposed to mercury?**

Tests are available to measure mercury levels in the body. Blood or urine samples are used to test for exposure to metallic mercury and to inorganic forms of mercury. Mercury in whole blood or in scalp hair is measured to determine exposure to methylmercury. Your doctor can take samples and send them to a testing laboratory.

### **Has the federal government made recommendations to protect human health?**

The EPA has set a limit of 2 parts of mercury per billion parts of drinking water (2 ppb).

The Food and Drug Administration (FDA) has set a maximum permissible level of 1 part of methylmercury in a million parts of seafood (1 ppm).

The Occupational Safety and Health Administration (OSHA) has set limits of 0.1 milligram of organic mercury per cubic meter of workplace air (0.1 mg/m<sup>3</sup>) and 0.05 mg/m<sup>3</sup> of metallic mercury vapor for 8-hour shifts and 40-hour work weeks.

### **References**

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for mercury. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

**SUMMARY:** Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

## What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl'ī-sī'klīk ār'ə-măt'īk hī'drə-kar'bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

## What happens to PAHs when they enter the environment?

- ☐ PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- ☐ PAHs can occur in air attached to dust particles.
- ☐ Some PAH particles can readily evaporate into the air from soil or surface waters.
- ☐ PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.

- ☐ PAHs enter water through discharges from industrial and wastewater treatment plants.
- ☐ Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- ☐ Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- ☐ In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- ☐ PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

## How might I be exposed to PAHs?

- ☐ Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smoke-houses; and municipal trash incineration facilities.
- ☐ Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- ☐ Coming in contact with air, water, or soil near hazardous waste sites.
- ☐ Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- ☐ Drinking contaminated water or cow's milk.

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- ☐ Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

### **How can PAHs affect my health?**

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

### **How likely are PAHs to cause cancer?**

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

### **Is there a medical test to show whether I've been exposed to PAHs?**

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any

health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

### **Has the federal government made recommendations to protect human health?**

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air ( $0.2 \text{ mg/m}^3$ ). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is  $5 \text{ mg/m}^3$  averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed  $0.1 \text{ mg/m}^3$  for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

### **Glossary**

**Carcinogen:** A substance that can cause cancer.

**Ingest:** Take food or drink into your body.

### **References**

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about polychlorinated biphenyls. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

**HIGHLIGHTS:** Polychlorinated biphenyls (PCBs) are a mixture of individual chemicals which are no longer produced in the United States, but are still found in the environment. Health effects that have been associated with exposure to PCBs include acne-like skin conditions in adults and neurobehavioral and immunological changes in children. PCBs are known to cause cancer in animals. PCBs have been found in at least 500 of the 1,598 National Priorities List sites identified by the Environmental Protection Agency (EPA).

## What are polychlorinated biphenyls?

Polychlorinated biphenyls are mixtures of up to 209 individual chlorinated compounds (known as congeners). There are no known natural sources of PCBs. PCBs are either oily liquids or solids that are colorless to light yellow. Some PCBs can exist as a vapor in air. PCBs have no known smell or taste. Many commercial PCB mixtures are known in the U.S. by the trade name Aroclor.

PCBs have been used as coolants and lubricants in transformers, capacitors, and other electrical equipment because they don't burn easily and are good insulators. The manufacture of PCBs was stopped in the U.S. in 1977 because of evidence they build up in the environment and can cause harmful health effects. Products made before 1977 that may contain PCBs include old fluorescent lighting fixtures and electrical devices containing PCB capacitors, and old microscope and hydraulic oils.

## What happens to PCBs when they enter the environment?

- ☐ PCBs entered the air, water, and soil during their manufacture, use, and disposal; from accidental spills and leaks during their transport; and from leaks or fires in products containing PCBs.
- ☐ PCBs can still be released to the environment from hazardous waste sites; illegal or improper disposal of industrial wastes and consumer products; leaks from old electrical transformers containing PCBs; and burning of some wastes in incinerators.
- ☐ PCBs do not readily break down in the environment and thus may remain there for very long periods of time. PCBs can travel long distances in the air and be deposited in areas far away from where they were released. In water, a small amount of PCBs may remain dissolved, but most stick to organic particles and bottom sediments. PCBs also bind strongly to soil.
- ☐ PCBs are taken up by small organisms and fish in water. They are also taken up by other animals that eat these

aquatic animals as food. PCBs accumulate in fish and marine mammals, reaching levels that may be many thousands of times higher than in water.

## How might I be exposed to PCBs?

- ☐ Using old fluorescent lighting fixtures and electrical devices and appliances, such as television sets and refrigerators, that were made 30 or more years ago. These items may leak small amounts of PCBs into the air when they get hot during operation, and could be a source of skin exposure.
- ☐ Eating contaminated food. The main dietary sources of PCBs are fish (especially sportfish caught in contaminated lakes or rivers), meat, and dairy products.
- ☐ Breathing air near hazardous waste sites and drinking contaminated well water.
- ☐ In the workplace during repair and maintenance of PCB transformers; accidents, fires or spills involving transformers, fluorescent lights, and other old electrical devices; and disposal of PCB materials.

## How can PCBs affect my health?

The most commonly observed health effects in people exposed to large amounts of PCBs are skin conditions such as acne and rashes. Studies in exposed workers have shown changes in blood and urine that may indicate liver damage. PCB exposures in the general population are not likely to result in skin and liver effects. Most of the studies of health effects of PCBs in the general population examined children of mothers who were exposed to PCBs.

Animals that ate food containing large amounts of PCBs for short periods of time had mild liver damage and some died. Animals that ate smaller amounts of PCBs in food over several weeks or months developed various kinds of health effects, including anemia; acne-like skin conditions; and liver, stomach, and thyroid gland injuries. Other effects

**ToxFAQs™ Internet address is <http://www.atsdr.cdc.gov/toxfaq.html>**

of PCBs in animals include changes in the immune system, behavioral alterations, and impaired reproduction. PCBs are not known to cause birth defects.

#### **How likely are PCBs to cause cancer?**

Few studies of workers indicate that PCBs were associated with certain kinds of cancer in humans, such as cancer of the liver and biliary tract. Rats that ate food containing high levels of PCBs for two years developed liver cancer. The Department of Health and Human Services (DHHS) has concluded that PCBs may reasonably be anticipated to be carcinogens. The EPA and the International Agency for Research on Cancer (IARC) have determined that PCBs are probably carcinogenic to humans.

#### **How can PCBs affect children?**

Women who were exposed to relatively high levels of PCBs in the workplace or ate large amounts of fish contaminated with PCBs had babies that weighed slightly less than babies from women who did not have these exposures. Babies born to women who ate PCB-contaminated fish also showed abnormal responses in tests of infant behavior. Some of these behaviors, such as problems with motor skills and a decrease in short-term memory, lasted for several years. Other studies suggest that the immune system was affected in children born to and nursed by mothers exposed to increased levels of PCBs. There are no reports of structural birth defects caused by exposure to PCBs or of health effects of PCBs in older children. The most likely way infants will be exposed to PCBs is from breast milk. Transplacental transfers of PCBs were also reported. In most cases, the benefits of breast-feeding outweigh any risks from exposure to PCBs in mother's milk.

#### **How can families reduce the risk of exposure to PCBs?**

- ☐ You and your children may be exposed to PCBs by eating fish or wildlife caught from contaminated locations. Certain states, Native American tribes, and U.S. territories have issued advisories to warn people about PCB-contaminated fish and fish-eating wildlife. You can reduce your family's exposure to PCBs by obeying these advisories.
- ☐ Children should be told not play with old appliances,

electrical equipment, or transformers, since they may contain PCBs.

- ☐ Children should be discouraged from playing in the dirt near hazardous waste sites and in areas where there was a transformer fire. Children should also be discouraged from eating dirt and putting dirty hands, toys or other objects in their mouths, and should wash hands frequently.
- ☐ If you are exposed to PCBs in the workplace it is possible to carry them home on your clothes, body, or tools. If this is the case, you should shower and change clothing before leaving work, and your work clothes should be kept separate from other clothes and laundered separately.

#### **Is there a medical test to show whether I've been exposed to PCBs?**

Tests exist to measure levels of PCBs in your blood, body fat, and breast milk, but these are not routinely conducted. Most people normally have low levels of PCBs in their body because nearly everyone has been environmentally exposed to PCBs. The tests can show if your PCB levels are elevated, which would indicate past exposure to above-normal levels of PCBs, but cannot determine when or how long you were exposed or whether you will develop health effects.

#### **Has the federal government made recommendations to protect human health?**

The EPA has set a limit of 0.0005 milligrams of PCBs per liter of drinking water (0.0005 mg/L). Discharges, spills or accidental releases of 1 pound or more of PCBs into the environment must be reported to the EPA. The Food and Drug Administration (FDA) requires that infant foods, eggs, milk and other dairy products, fish and shellfish, poultry and red meat contain no more than 0.2-3 parts of PCBs per million parts (0.2-3 ppm) of food. Many states have established fish and wildlife consumption advisories for PCBs.

#### **References**

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological profile for polychlorinated biphenyls (PCBs). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about acetone. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

**SUMMARY:** Exposure to acetone results mostly from breathing air, drinking water, or coming in contact with products or soil that contain acetone. Exposure to moderate-to-high amounts of acetone can irritate your eyes and respiratory system, and make you dizzy. Very high exposure may cause you to lose consciousness. This chemical has been found in at least 572 of 1,416 National Priorities List sites identified by the Environmental Protection Agency.

## What is acetone?

(Pronounced äs'ĭ-tōn')

Acetone is a manufactured chemical that is also found naturally in the environment. It is a colorless liquid with a distinct smell and taste. It evaporates easily, is flammable, and dissolves in water. It is also called dimethyl ketone, 2-propanone, and beta-ketopropane.

Acetone is used to make plastic, fibers, drugs, and other chemicals. It is also used to dissolve other substances.

It occurs naturally in plants, trees, volcanic gases, forest fires, and as a product of the breakdown of body fat. It is present in vehicle exhaust, tobacco smoke, and landfill sites. Industrial processes contribute more acetone to the environment than natural processes.

## What happens to acetone when it enters the environment?

- ☐ A large percentage (97%) of the acetone released during its manufacture or use goes into the air.
- ☐ In air, about one-half of the total amount breaks down from sunlight or other chemicals every 22 days.
- ☐ It moves from the atmosphere into the water and soil by rain and snow. It also moves quickly from soil and water back to air.

- ☐ Acetone doesn't bind to soil or build up in animals.
- ☐ It's broken down by microorganisms in soil and water.
- ☐ It can move into groundwater from spills or landfills.
- ☐ Acetone is broken down in water and soil, but the time required for this to happen varies.

## How might I be exposed to acetone?

- ☐ Breathing low background levels in the environment.
- ☐ Breathing higher levels of contaminated air in the workplace or from using products that contain acetone (for example, household chemicals, nail polish, and paint).
- ☐ Drinking water or eating food containing acetone.
- ☐ Touching products containing acetone.
- ☐ For children, eating soil at landfills or hazardous waste sites that contain acetone.
- ☐ Smoking or breathing secondhand smoke.

## How can acetone affect my health?

If you are exposed to acetone, it goes into your blood which then carries it to all the organs in your body. If it is a small amount, the liver breaks it down to chemicals that are not harmful and uses these chemicals to make energy for normal body functions. Breathing moderate- to-high levels



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of acetone for short periods of time, however, can cause nose, throat, lung, and eye irritation; headaches; light-headedness; confusion; increased pulse rate; effects on blood; nausea; vomiting; unconsciousness and possibly coma; and shortening of the menstrual cycle in women.

Swallowing very high levels of acetone can result in unconsciousness and damage to the skin in your mouth. Skin contact can result in irritation and damage to your skin.

The smell and respiratory irritation or burning eyes that occur from moderate levels are excellent warning signs that can help you avoid breathing damaging levels of acetone.

Health effects from long-term exposures are known mostly from animal studies. Kidney, liver, and nerve damage, increased birth defects, and lowered ability to reproduce (males only) occurred in animals exposed long-term. It is not known if people would have these same effects.

### **How likely is acetone to cause cancer?**

The Department of Health and Human Services, the International Agency for Research on Cancer, and the Environmental Protection Agency (EPA) have not classified acetone for carcinogenicity.

Acetone does not cause skin cancer in animals when applied to the skin. We don't know if breathing or swallowing acetone for long periods will cause cancer. Studies of workers exposed to it found no significant risk of death from cancer.

### **Is there a medical test to show whether I've been exposed to acetone?**

Methods are available to measure the amount of acetone in your breath, blood, and urine. The test can tell you how much acetone you were exposed to, although the amount that

people have naturally in their bodies varies with each person. The tests can't tell you if you will experience any health effects from the exposure.

The test must be performed within 2-3 days after exposure because acetone leaves your body within a few days. These tests are not routinely performed at your doctor's office, but your doctor can take blood or urine samples and send them to a testing laboratory.

### **Has the federal government made recommendations to protect human health?**

The EPA requires that spills of 5,000 pounds or more of acetone be reported.

The Occupational Safety and Health Administration (OSHA) has set a maximum concentration limit in workplace air of 1,000 parts of acetone per million parts of air (1,000 ppm) for an 8-hour workday over a 40-hour week to protect workers. The National Institute for Occupational Safety and Health (NIOSH) recommends an exposure limit of 250 ppm in workplace air for up to a 10-hour workday over a 40-hour workweek.

### **Glossary**

Carcinogenicity: Ability to cause cancer.  
Evaporate: To change into a vapor or a gas.  
Ingesting: Taking food or drink into your body.  
Long-term: Lasting one year or longer.

### **References**

Agency for Toxic Substances and Disease Registry (ATSDR). 1994. Toxicological profile for acetone. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html> ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



This fact sheet answers the most frequently asked health questions (FAQs) about DDT, DDE, and DDD. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

**HIGHLIGHTS:** Exposure to DDT, DDE, and DDD occurs mostly from eating foods containing small amounts of these compounds, particularly meat, fish and poultry. High levels of DDT can affect the nervous system causing excitability, tremors and seizures. In women, DDE can cause a reduction in the duration of lactation and an increased chance of having a premature baby. DDT, DDE, and DDD have been found in at least 441 of the 1,613 National Priorities List sites identified by the Environmental Protection Agency (EPA).

### What are DDT, DDE, and DDD?

DDT (dichlorodiphenyltrichloroethane) is a pesticide once widely used to control insects in agriculture and insects that carry diseases such as malaria. DDT is a white, crystalline solid with no odor or taste. Its use in the U.S. was banned in 1972 because of damage to wildlife, but is still used in some countries.

DDE (dichlorodiphenyldichloroethylene) and DDD (dichlorodiphenyldichloroethane) are chemicals similar to DDT that contaminate commercial DDT preparations. DDE has no commercial use. DDD was also used to kill pests, but its use has also been banned. One form of DDD has been used medically to treat cancer of the adrenal gland.

### What happens to DDT, DDE, and DDD when they enter the environment?

- ☐ DDT entered the environment when it was used as a pesticide; it still enters the environment due to current use in other countries.
- ☐ DDE enters the environment as contaminant or breakdown product of DDT; DDD also enters the environment as a breakdown product of DDT.
- ☐ DDT, DDE, and DDD in air are rapidly broken down by sunlight. Half of what's in air breaks down within 2 days.
- ☐ They stick strongly to soil; most DDT in soil is broken down slowly to DDE and DDD by microorganisms; half the DDT in soil will break down in 2-15 years, depending on the type of soil.

- ☐ Only a small amount will go through the soil into groundwater; they do not dissolve easily in water.
- ☐ DDT, and especially DDE, build up in plants and in fatty tissues of fish, birds, and other animals.

### How might I be exposed to DDT, DDE, and DDD?

- ☐ Eating contaminated foods, such as root and leafy vegetables, fatty meat, fish, and poultry, but levels are very low.
- ☐ Eating contaminated imported foods from countries that still allow the use of DDT to control pests.
- ☐ Breathing contaminated air or drinking contaminated water near waste sites and landfills that may contain higher levels of these chemicals.
- ☐ Infants fed on breast milk from mothers who have been exposed.
- ☐ Breathing or swallowing soil particles near waste sites or landfills that contain these chemicals.

### How can DDT, DDE, and DDD affect my health?

DDT affects the nervous system. People who accidentally swallowed large amounts of DDT became excitable and had tremors and seizures. These effects went away after the exposure stopped. No effects were seen in people who took small daily doses of DDT by capsule for 18 months. A study in humans showed that women who had high amounts of a form of DDE in their breast milk were unable to



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breast feed their babies for as long as women who had little DDE in the breast milk. Another study in humans showed that women who had high amounts of DDE in breast milk had an increased chance of having premature babies. In animals, short-term exposure to large amounts of DDT in food affected the nervous system, while long-term exposure to smaller amounts affected the liver. Also in animals, short-term oral exposure to small amounts of DDT or its breakdown products may also have harmful effects on reproduction.

### How likely are DDT, DDE, and DDD to cause cancer?

Studies in DDT-exposed workers did not show increases in cancer. Studies in animals given DDT with the food have shown that DDT can cause liver cancer. The Department of Health and Human Services (DHHS) determined that DDT may reasonably be anticipated to be a human carcinogen. The International Agency for Research on Cancer (IARC) determined that DDT may possibly cause cancer in humans. The EPA determined that DDT, DDE, and DDD are probable human carcinogens.

### How can DDT, DDE, and DDD affect children?

There are no studies on the health effects of children exposed to DDT, DDE, or DDD. We can assume that children exposed to large amounts of DDT will have health effects similar to the effects seen in adults. However, we do not know whether children differ from adults in their susceptibility to these substances.

There is no evidence that DDT, DDE, or DDD cause birth defects in people. A study showed that teenage boys whose mothers had higher DDE amounts in the blood when they were pregnant were taller than those whose mothers had lower DDE levels. However, a different study found the opposite in preteen girls. The reason for the discrepancy between these studies is unknown.

Studies in rats have shown that DDT and DDE can mimic the action of natural hormones and in this way affect the development of the reproductive and nervous systems. Puberty was delayed in male rats given high amounts of DDE as juveniles. This could possibly happen in humans.

A study in mice showed that exposure to DDT during the first weeks of life may cause neurobehavioral problems later in life.

### How can families reduce the risk of exposure to DDT, DDE, and DDD?

- ☐ Most families will be exposed to DDT by eating food or drinking liquids contaminated with small amounts of DDT.
- ☐ Cooking will reduce the amount of DDT in fish.
- ☐ Washing fruit and vegetables will remove most DDT from their surface.
- ☐ Follow health advisories that tell you about consumption of fish and wildlife caught in contaminated areas.

### Is there a medical test to show whether I've been exposed to DDT, DDE, and DDD?

Laboratory tests can detect DDT, DDE, and DDD in fat, blood, urine, semen, and breast milk. These tests may show low, moderate, or excessive exposure to these compounds, but cannot tell the exact amount you were exposed to, or whether you will experience adverse effects. These tests are not routinely available at the doctor's office because they require special equipment.

### Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) sets a limit of 1 milligram of DDT per cubic meter of air (1 mg/m<sup>3</sup>) in the workplace for an 8-hour shift, 40-hour workweek.

The Food and Drug Administration (FDA) has set limits for DDT, DDE, and DDD in foodstuff at or above which the agency will take legal action to remove the products from the market.

### References

Agency for Toxic Substances and Disease Registry (ATSDR). 2002. Toxicological Profile for DDT/DDE/DDD (Update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

**Where can I get more information?** For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop F-32, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 770-488-4178. ToxFAQs Internet address via WWW is <http://www.atsdr.cdc.gov/toxfaq.html>. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.



**ATTACHMENT C**

**WEST NILE VIRUS/ST. LOUIS ENCEPHALITIS PREVENTION**

## **WEST NILE VIRUS/ST. LOUIS ENCEPHALITIS PREVENTION**

The following section is based upon information provided by the Center for Disease Control (CDC) Division of Vector-Borne Infectious Diseases. Symptoms of West Nile Virus include fever, headache, and body aches, occasionally with skin rash and swollen lymph glands, with most infections being mild. More severe infection may be marked by headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, paralysis, and, rarely, death. Most infections of St. Louis encephalitis are mild without apparent symptoms other than fever with headache. More severe infection is marked by headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, occasional convulsions (especially infants) and spastic (but rarely flaccid) paralysis. The only way to avoid infection of West Nile Virus and St. Louis Encephalitis is to avoid mosquito bites. To reduce the chance of mosquito contact:

- Stay indoors at dawn, dusk, and in the early evening.
- Wear long-sleeved shirts and long pants whenever you are outdoors.
- Spray clothing with repellents containing permethrin or DEET (N, N-diethyl-meta-toluamide), since mosquitoes may bite through thin clothing.
- Apply insect repellent sparingly to exposed skin. An effective repellent will contain 35% DEET. DEET in high concentrations (greater than 35%) provides no additional protection.
- Repellents may irritate the eyes and mouth.
- Whenever you use an insecticide or insect repellent, be sure to read and follow the manufacturer's directions for use, as printed on the product.

**ATTACHMENT D**  
**REPORT FORMS**

## WEEKLY SAFETY REPORT FORM

Week Ending: \_\_\_\_\_ Project Name/Number: West 29<sup>th</sup> Street 170087

Report Date: \_\_\_\_\_ Project Manager Name: Marc Godick/Adrianna Bosco

Summary of any violations of procedures occurring that week:

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Summary of any job related injuries, illnesses, or near misses that week:

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Summary of air monitoring data that week (include and sample analyses, action levels exceeded, and actions taken):

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Comments:

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Name: \_\_\_\_\_ Company: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_

## INCIDENT REPORT FORM

Date of Report: \_\_\_\_\_

Injured: \_\_\_\_\_

Employer: \_\_\_\_\_

Site: West 29<sup>th</sup> Street Site Location: 601 West 29<sup>th</sup> Street, New York, NY

Report Prepared By: \_\_\_\_\_  
Signature Title

### ACCIDENT/INCIDENT CATEGORY (check all that applies)

<input type="checkbox"/> Injury	<input type="checkbox"/> Illness	<input type="checkbox"/> Near Miss
<input type="checkbox"/> Property Damage	<input type="checkbox"/> Fire	<input type="checkbox"/> Chemical Exposure
<input type="checkbox"/> On-site Equipment	<input type="checkbox"/> Motor Vehicle	<input type="checkbox"/> Electrical
<input type="checkbox"/> Mechanical	<input type="checkbox"/> Spill	<input type="checkbox"/> Other

**DATE AND TIME OF ACCIDENT/INCIDENT:** Narrative report of accident/incident: Identify: 1) actions leading to or contributing to the accident/incident; 2) the accident/incident occurrence; and 3) actions following the accident/incident.

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### WITNESS TO ACCIDENT/INCIDENT:

Name: _____	Company: _____
Address: _____	Address: _____
Phone No.: _____	Phone No.: _____
Name: _____	Company: _____
Address: _____	Address: _____
Phone No.: _____	Phone No.: _____

**INJURED - ILL:**

Name: \_\_\_\_\_ SSN: \_\_\_\_\_

Address: \_\_\_\_\_ Age: \_\_\_\_\_

Length of Service: \_\_\_\_\_ Time on Present Job: \_\_\_\_\_

Time/Classification: \_\_\_\_\_

**SEVERITY OF INJURY OR ILLNESS:**

\_\_\_ Disabling                      \_\_\_ Non-disabling                      \_\_\_ Fatality

\_\_\_ Medical Treatment                      \_\_\_ First Aid Only

**ESTIMATED NUMBER OF DAYS AWAY FROM JOB:** \_\_\_\_\_**NATURE OF INJURY OR ILLNESS:** \_\_\_\_\_\_\_\_\_\_  
\_\_\_\_\_**CLASSIFICATION OF INJURY:**

___ Abrasions	___ Dislocations	___ Punctures
___ Bites	___ Faint/Dizziness	___ Radiation Burns
___ Blisters	___ Fractures	___ Respiratory Allergy
___ Bruises	___ Frostbite	___ Sprains
___ Chemical Burns	___ Heat Burns	___ Toxic Resp. Exposure
___ Cold Exposure	___ Heat Exhaustion	___ Toxic Ingestion
___ Concussion	___ Heat Stroke	___ Dermal Allergy
___ Lacerations		

Part of Body Affected: \_\_\_\_\_

Degree of Disability: \_\_\_\_\_

Date Medical Care was Received: \_\_\_\_\_

Where Medical Care was Received: \_\_\_\_\_

Address (if off-site): \_\_\_\_\_

(If two or more injuries, record on separate sheets)

**PROPERTY DAMAGE:**

Description of Damage: \_\_\_\_\_

Cost of Damage: \$ \_\_\_\_\_

**ACCIDENT/INCIDENT LOCATION:** \_\_\_\_\_

**ACCIDENT/INCIDENT ANALYSIS:** Causative agent most directly related to accident/incident  
(Object, substance, material, machinery, equipment, conditions)

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Was weather a factor?: \_\_\_\_\_

Unsafe mechanical/physical/environmental condition at time of accident/incident (Be specific):

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Personal factors (Attitude, knowledge or skill, reaction time, fatigue):

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**ON-SITE ACCIDENTS/INCIDENTS:**

Level of personal protection equipment required in Site Safety Plan:

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Modifications:

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Was injured using required equipment?:

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If not, how did actual equipment use differ from plan?:

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ACTION TAKEN TO PREVENT RECURRENCE: (Be specific. What has or will be done? When will it be done? Who is the responsible party to insure that the correction is made?)

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**ACCIDENT/INCIDENT REPORT REVIEWED BY:**

\_\_\_\_\_  
SSO Name Printed

\_\_\_\_\_  
SSO Signature

**OTHERS PARTICIPATING IN INVESTIGATION:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

**ACCIDENT/INCIDENT FOLLOW-UP:**      Date: \_\_\_\_\_

Outcome of accident/incident: \_\_\_\_\_

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Physician's recommendations: \_\_\_\_\_

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Date injured returned to work: \_\_\_\_\_  
Follow-up performed by: \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

**ATTACH ANY ADDITIONAL INFORMATION TO THIS FORM**

**ATTACHMENT E**  
**EMERGENCY HAND SIGNALS**

## **EMERGENCY SIGNALS**

In most cases, field personnel will carry portable radios for communication. If this is the case, a transmission that indicates an emergency will take priority over all other transmissions. All other site radios will yield the frequency to the emergency transmissions.

Where radio communications is not available, the following air-horn and/or hand signals will be used:

### **EMERGENCY HAND SIGNALS**

**OUT OF AIR, CAN'T BREATHE!**



**Hand gripping throat**

**LEAVE AREA IMMEDIATELY,  
NO DEBATE!**

( No Picture) Grip partner's wrist or place  
both hands around waist

**NEED ASSISTANCE!**



**Hands on top of head**

**OKAY! – I'M ALL RIGHT!  
- I UNDERSTAND!**



**Thumbs up**

**NO! - NEGATIVE!**



**Thumbs down**

**APPENDIX D**  
**QUALITY ASSURANCE PROJECT PLAN**

# **WEST 29<sup>TH</sup> STREET**

**601 WEST 29<sup>TH</sup> STREET**

**NEW YORK, NEW YORK**

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## **Quality Assurance Project Plan**

**NYSDEC Site Number: C231107**

**AKRF Project Number: 170087**

### **Prepared for:**

NYSDEC  
625 Broadway  
Albany, New York 12233

### **On Behalf Of:**

DD West 29<sup>th</sup> LLC  
% Douglaston Development  
7 Penn Plaza, 6<sup>th</sup> Floor  
New York, NY 10001

### **Prepared by:**



AKRF, Inc.  
440 Park Avenue South  
New York, New York 10016  
(212) 696-0670

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**JUNE 2020**

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## ATTACHMENTS

Attachment A –	Resumes for Remedial Engineer, Project Director, QA/QC Officer, Project Manager, and Field Team Leader
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## **1.0 INTRODUCTION**

This Quality Assurance Project Plan (QAPP) describes the protocols and procedures that will be followed during implementation of all environmental sampling to implement the Site Management Plan (SMP) at the West 29<sup>th</sup> Street site, hereafter referred to as the “Site.” The Site is located at 601 West 29<sup>th</sup> Street, New York, New York, legally identified as New York City Tax Block 675, Lot 12. This QAPP and SMP apply to the portion of the Site where Track 4 Site-Specific Cleanup Objectives (SSSCOs) were met. The Track 4 is referred to as the “Controlled Property.”

The objective of this QAPP is to provide for Quality Assurance (QA) and maintain Quality Control (QC) of environmental investigative, sampling, and remedial activities conducted under the New York State Department of Environmental Conservation (NYSDEC) oversight in the Brownfield Cleanup Program (BCP) (BCP Site No. C231107). Adherence to the QAPP will ensure that defensible data will be obtained during all environmental work at the Controlled Property.

## **2.0 PROJECT TEAM**

The project team will be drawn from AKRF professional and technical personnel, and AKRF’s subcontractors. All field personnel and subcontractors will have completed a 40-hour training course and updated 8-hour refresher course that meet the Occupational Safety and Health Administration (OSHA) requirements of 29 CFR Part 1910. The following sections describe the key project personnel and their responsibilities.

### **2.1 REMEDIAL ENGINEER**

The Remedial Engineer is a registered professional engineer licensed by the State of New York. The Remedial Engineer will have primary direct responsibility for implementation of the remedial program for the Controlled Property. The Remedial Engineer will certify in the Final Engineering Report (FER) that the remedial activities were observed by a Qualified Environmental Professional (QEP) under their direct supervision, and that the remediation requirements set forth in the Remedial Action Work Plan (RAWP) and any other relevant provisions of ECL 27-1419 have been achieved in full conformance with the RAWP. The Remedial Engineer for this project will be Michelle Lapin, P.E. Ms. Lapin’s resume is included in Attachment A.

### **2.2 PROJECT DIRECTOR AND QA/QC OFFICER**

The project director will be responsible for the general oversight of all aspects of the project, including scheduling, budgeting, data management, and field program decision-making. The project director will communicate regularly with all members of the AKRF project team and the NYSDEC to ensure a smooth flow of information between involved parties. Marc Godick will serve as the project director.

Marc Godick will also serve as the Quality Assurance/Quality Control (QA/QC) officer and will be responsible for adherence to the QAPP. The QA/QC officer will review the procedures with all personnel prior to commencing any fieldwork. The QA/QC officer will also be responsible for reviewing Data Usability Summary Reports (DUSRs) for soil analytical results, as described in Section 4.6 of this QAPP. Mr. Godick’s resume is included in Attachment A.

### **2.3 PROJECT MANAGER**

The project manager will be responsible for directing and coordinating all elements conducted under the SMP. The project manager will prepare reports and participate in meetings with the

Controlled Property owner/Volunteer, and/or the NYSDEC. The project manager will be responsible for all appropriate communication with NYSDEC and NYSDOH. Adrianna Bosco will serve as the project manager for the RAWP. Ms. Bosco's resume is included in Attachment A.

#### **2.4 FIELD TEAM LEADER, FIELD TECHNICIAN, AND SITE SAFETY OFFICER, AND ALTERNATES**

The field team leader will be responsible for supervising the daily sampling and health and safety activities in the field and will ensure adherence to the work plan and Health and Safety Plan (HASP), included in Appendix C of the SMP. The field team leader will also act as the field technician and Site safety officer (SSO), and will report to the project manager or project manager alternate on a regular basis regarding daily progress and any deviations from the SMP. The field team leader will be a qualified and responsible person able to act professionally and promptly during environmental work at the Controlled Property. Tom Giordano will be the field team leader. The field team leader alternate is Tara Simmons of AKRF. Mr. Giordano's and Ms. Simmons' resumes are included in Attachment A.

#### **2.5 LABORATORY QA/QC OFFICER**

The laboratory QA/QC officer will be responsible for quality control procedures and checks in the laboratory and ensuring adherence to laboratory protocols. The QA/QC officer will track the movement of samples from the time they are checked in at the laboratory to the time that analytical results are issued, and will conduct a final check on the analytical calculations and sign off on the laboratory reports. The laboratory QA/QC officer will be Carl Armbruster of TestAmerica Laboratories, Inc. (TestAmerica), the New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP)-certified laboratory being employed for all environmental sampling at the Controlled Property.

#### **2.6 LABORATORY DATA VALIDATOR**

The laboratory data validator will be responsible for third party data validation and preparation of Data Usability Summary Reports (DUSRs). The third-party laboratory data validator will be Lori Beyer of L.A.B. Validation Corp.

### **3.0 STANDARD OPERATING PROCEDURES (SOPS)**

The following sections describe the SOPs for the activities included in the SMP. Sampling procedures are discussed in Section 4.0. During these operations, safety monitoring will be performed as described in the HASP, included as Appendix C of the SMP.

#### **3.1 DECONTAMINATION OF SAMPLING EQUIPMENT**

All sampling equipment (augers, drilling rods, split spoon samplers, probe rods, pumps, etc.) will be either dedicated or decontaminated between sampling locations. Decontamination will be conducted on plastic sheeting (or equivalent) that is bermed to prevent discharge to the ground. The decontamination procedure will be as follows:

1. Scrub using tap water/Simple Green® or Alconox® mixture and bristle brush.
2. Rinse with tap water.
3. Scrub again with tap water/Simple Green® mixture and bristle brush.
4. Rinse with tap water.



5. Rinse with distilled water.
6. Air-dry the equipment, if possible.

### **3.2 MANAGEMENT OF INVESTIGATION DERIVED WASTE**

Investigation-derived waste (IDW) will be containerized in New York State Department of Transportation (NYSDOT)-approved 55-gallon drums or disposed of via tri-axel trucks during excavation activities. The drums will be sealed at the end of each work day and labeled with the date, the excavation grid(s), the type of waste (i.e., drill cuttings), and the name and phone number of an AKRF point-of-contact. All IDW exhibiting field evidence of contamination will be disposed of or treated according to applicable local, state, and federal regulations.

## **4.0 SAMPLING AND LABORATORY PROCEDURES**

### **4.1 SOIL SAMPLING**

Soil sampling will be conducted according to the following procedures:

- Characterize the sample according to the modified Burmister soil classification system.
- Field screen the sample for evidence of contamination (e.g., odors, staining,) using visual and olfactory methods and screen for volatile organic compounds (VOCs) using a photoionization detector (PID) equipped with a 10.6 electron Volt (eV) lamp.
- Collect an aliquot of soil from each proposed sample location, place in laboratory-supplied glassware, label the sample in accordance with Section 4.4.1, Tables 2 and 3 of this QAPP, and place in an ice-filled cooler for shipment to the laboratory.
- Complete the proper chain of custody paperwork and seal the cooler.
- Record sample location, sample depth, and sample observations (evidence of contamination, PID readings, soil classification, etc.) in field log book and boring log data sheet, if applicable.
- Decontaminate any soil sampling equipment between sample locations as described in Section 3.1 of this QAPP.

### **4.2 LABORATORY METHODS**

Table 1 summarizes the laboratory methods that will be used to analyze field samples and the sample container type, preservation, and applicable holding times. TestAmerica, a NYSDOH ELAP-certified laboratory subcontracted to AKRF, will be used for all chemical analyses in accordance with the Division of Environmental Remediation (DER)-10 2.1(b) and 2.1(f) with Category B Deliverables.

**Table 1**  
**Laboratory Analytical Methods for Analysis Groups**

Matrix	Analysis	EPA Method	Bottle Type	Preservative	Hold Time
Soil	Volatile Organic Compounds (VOCs)	8260C	EnCore samplers (3) and 2 oz. plastic jar	≤ 6 °C	48 hours to extract; 14 days to analyze
	Semivolatile Organic Compounds (SVOCs)	8270D	8 oz. Glass Jar	≤ 6 °C	14 days to extract; 40 days to analyze
	Total Analyte List (TAL) Metals, RCRA 8 Metals, and Hexavalent Chromium	6000/7000 Series, 6010C, and 7196A	8 oz. Glass Jar	≤ 6 °C	6 months holding time; Mercury 28 days holding time; Hexavalent chromium 30 days to extract, 7 days to analyze
	Pesticides	8081B	8 oz. Glass Jar	≤ 6 °C	14 days to extract; 40 days to analyze
	Polychlorinated Biphenyls (PCBs)	8082A	8 oz. Glass Jar	≤ 6 °C	14 days to extract; 40 days to analyze
Emerging Contaminant Parameters	1,4-Dioxane	8270D – Selective Ion Monitoring (SIM)	2 x 250 mL amber bottles	≤ 6 °C	7 days to extract; 40 days to analyze
	Standard List of 21 Per- and Polyfluoroalkyl Substances (PFAS) Compounds	Modified 537	2 x 250 mL plastic HDPE bottles (no Teflon)	≤ 6 °C	14 days to extract; 28 days to analyze
Notes: EPA - Environmental Protection Agency RCRA – Resource Conservation and Recovery Act HDPE – High Density Polyethylene					

### 4.3 QUALITY CONTROL (QC) SAMPLING

In addition to the laboratory analysis of the soil samples, additional analysis will be included for QC measures, as required by the Category B sampling techniques. These samples will include field blank, trip blank, matrix spike/matrix spike duplicate (MS/MSD), and blind duplicate samples at a frequency of one sample per 20 field samples collected or per sample digestion group (SDG). QC samples will be analyzed for the same parameters as the accompanying samples, with the exception of any trip blanks, which will be analyzed for the VOC list only.

### 4.4 SAMPLE HANDLING

#### 4.4.1 Sample Identification

All samples will be consistently identified in all field documentation, chain-of-custody (COC) documents, and laboratory reports. All samples will be amended with the collection date at the end of the sample name in a year, month, day (YYYYMMDD) format. Blind duplicate sample nomenclature will consist of the sample type, followed by an “X”; MS/MSD samples nomenclature will consist of the parent sample name, followed by “MS/MSD”; and trip and field blanks will consist of “TB-” and “FB-”, respectively, followed by a sequential number of the trip/field blanks collected within the

sample digestion group (SDG). Special characters, including primes/apostrophes ('), will not be used for sample nomenclature.

#### 4.4.1.1. Import Soil Sampling

In addition to the nomenclature detailed in Section 4.4.1, soil import samples will be identified with "ISP-" and the import sample number in sequential order that the import sample was collected. Table 2 provides examples of the sampling identification scheme for import soil samples.

**Table 2**  
**Import Sample Nomenclature**

Sample Description	Sample Designation
Import soil sample ISP-1 collected on January 2, 2021	ISP-01_20210102
Matrix spike/matrix spike duplicate sample of import soil sample ISP-1 collected on January 2, 2021	ISP-01_20210102_MS ISP-01_20210102_MSD
Blind duplicate of import soil sample ISP-1 collected on January 2, 2021	ISP-X_20210102

#### 4.4.1.2. Endpoint Soil Sampling

In addition to the nomenclature detailed in Section 4.4.1, soil endpoint samples will be identified with "EP-" and the endpoint sample number in sequential order that the endpoint sample was collected, and the depth below grade the sample was collected from in parentheses. Table 3 provides examples of the sampling identification scheme for any post-excavation endpoint samples conducted under the SMP.

**Table 3**  
**Endpoint Sample Nomenclature**

Sample Description	Sample Designation
Excavation endpoint soil sample EP-1 collected from two feet below grade on January 2, 2021	EP-01_2_20210102
Matrix spike/matrix spike duplicate sample of excavation endpoint soil sample EP-1 collected from two feet below grade on January 2, 2021	EP-01_2_20210102_MS EP-01_2_20210102_MSD
Blind duplicate of excavation endpoint soil sample EP-1 collected from two feet below grade on January 2, 2021	EP-X_20210102
(Second) Blind duplicate of excavation endpoint soil sample EP-15 collected from 13 feet below grade on January 2, 2021	EP-X2_13_20210102

#### Sample Labeling and Shipping

All sample containers will be provided with labels containing the following information:

- Project identification, including Controlled Property name, BCP Site number, Controlled Property address
- Sample identification
- Date and time of collection
- Analysis(es) to be performed
- Sampler's initials

Once the samples are collected and labeled, they will be placed in chilled coolers and stored in a cool area away from direct sunlight in a secured area to await shipment to the laboratory. All samples will be shipped to the laboratory within 48 hours of sampling. At the start and end of each workday, field personnel will add ice to the cooler(s) as needed to confirm that all sample/cooler temperatures are maintained at <6° Celsius.

The samples will be prepared for shipment by placing each sample in laboratory-supplied glassware, then wrapping each container in bubble wrap to prevent breakage, and adding freezer packs and/or fresh ice in sealable plastic bags. The COC form will be properly completed by the sampler in ink, and all sample shipment transactions will be documented with signatures, and the date and time of custody transfer. Samples will be shipped overnight (e.g., Federal Express) or transported by a laboratory courier. All coolers shipped to the laboratory will be sealed with mailing tape and a COC seal to ensure that the samples remain under strict COC protocol.

#### Sample Custody

Field personnel will be responsible for maintaining the sample coolers in a secured location until they are picked up and/or sent to the laboratory. The record of possession of samples from the time they are obtained in the field to the time they are delivered to the laboratory or shipped off-site will be documented on COC forms. The COC forms will contain the following information: project name; names of sampling personnel; sample number; date and time of collection and matrix; and signatures of individuals involved in sample transfer, and the dates and times of transfers. Laboratory personnel will note the condition of the custody seal and sample containers at sample check-in.

### **4.5 FIELD INSTRUMENTATION**

Field personnel will be trained in the proper operation of all field instruments at the start of the field program. Instruction manuals for the equipment will be on file at the Controlled Property for referencing proper operation, maintenance, and calibration procedures. The equipment will be calibrated according to manufacturer specifications at the start of each day of fieldwork. If an instrument fails calibration, the project manager or QA/QC officer will be contacted immediately to obtain a replacement instrument. A calibration log will be maintained to record the date of each calibration, any failure to calibrate and corrective actions taken. The PID will be equipped with a 10.6 electron volt (eV) lamp and will be calibrated each day using 100 parts per million (ppm) isobutylene standard gas in accordance with the manufacturer's standards.

### **4.6 QUALITY ASSURANCE (QA)**

All soil and groundwater laboratory analytical data will be reviewed by a third-party validator and a Data Usability Summary Report (DUSR) will be prepared to document the usability and

validity of the data. The Periodic Review Report (PRR) will include a detailed description of endpoint sampling activities, data summary tables, concentration map showing endpoint sample locations and concentrations, DUSR, and laboratory reports.

**ATTACHMENT A**

**RESUMES OF REMEDIAL ENGINEER, PROJECT DIRECTOR, QA/QC OFFICER, PROJECT MANAGER,  
AND FIELD TEAM LEADER**

## **MICHELLE LAPIN, P.E.**

### **SENIOR VICE PRESIDENT**

Michelle Lapin is a Senior Vice President with more than 30 years of experience in the assessment and remediation of hazardous waste issues. She leads the firm's Hazardous Materials group and offers extensive experience providing strategic planning and management for clients. Ms. Lapin has been responsible for the administration of technical solutions to contaminated soil, groundwater, air and geotechnical problems. Her other duties have included technical and report review, proposal writing, scheduling, budgeting, and acting as liaison between clients and regulatory agencies, and project coordination with federal, state, and local authorities.

Ms. Lapin's hydrogeologic experience includes groundwater investigations, formulation and administration of groundwater monitoring programs and remediation throughout the Northeast. Her experience with groundwater contamination includes Level B hazardous waste site investigations; leaking underground storage tank studies, including hazardous soil removal and disposal and associated soil and water issues; soil gas/vapor intrusion surveys; and wetlands issues. Ms. Lapin is experienced in coordinating and monitoring field programs concerning hazardous waste cell closures. She has directed hundreds of Phase I, Phase II, and Phase III investigations and remediations, many of them in conjunction with developers, law firms, lending institutions, and national retail chains. She is also experienced in the cleanup of contaminated properties under Brownfield Cleanup Program (BCP) and Voluntary Cleanup Program (VCP) regulations.

### **BACKGROUND**

#### **Education**

M.S., Civil Engineering, Syracuse University, 1985

B.S., Civil Engineering, Clarkson University, 1983

#### **Professional Licenses/Certifications**

New York State P.E.

State of Connecticut P.E.

#### **Professional Memberships**

Member, National Society of Professional Engineers (NSPE), National and CT Chapters

Member, American Society of Civil Engineers (ASCE), National and CT Chapters

Member, Connecticut Business & Industry Association (CBIA), CBIA Environmental Policies Council (EPC)

Member, Environmental Professionals' Organization of Connecticut (EPOC)

Board Member, New York City Brownfield Partnership

Member, NAIOP, a Commercial Real Estate Development Association

#### **Years of Experience**

Year started in company: 1994

Year started in industry: 1986



## **MICHELLE LAPIN, P.E.**

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### **RELEVANT EXPERIENCE**

#### **Manhattan West, Manhattan, NY - NYC OER and USEPA**

AKRF is providing environmental consulting services to Brookfield Office Properties in connection with the Manhattan West development site, which encompasses an entire city-block above the Amtrak approach to Penn Station. The four towers that comprise the Manhattan west development site are being remediated as four different sites under the New York City Mayor's Office of Environmental Remediation (OER), due to an E-Designation for hazardous materials, air quality, and noise attenuation. Ms. Lapin is the Remedial Engineer for the project, and oversees all remedial activities.

#### **85 Jay Street, Brooklyn, NY - NYS Brownfield Redevelopment**

AKRF's work includes the preparation and implementation of a NYSDEC-approved Remedial Action Work Plan for this approximately three-acre former industrial site that encompasses an entire city-block. The remediation is being conducted under the NYSDEC Brownfield Cleanup Program, primarily due to high levels of lead associated with former smelting operations. Ms. Lapin is the Remedial Engineer for this project and oversees all remedial activities.

#### **Elton Crossing (Melrose C - Family), Bronx, NY - NYS Brownfield Redevelopment**

AKRF's work includes the implementation of the NYSDEC-approved Remedial Action Work Plan for this former industrial property, including: in-situ testing, off-site transport, the closure of two petroleum spills; the registration, removal, and closure of five petroleum storage tanks encountered during excavation; and the delineation of soil contaminants, including hazardous lead, petroleum, and pesticides. Ms. Lapin was the Remedial Engineer for the project, and oversaw all remedial activities.

#### **Yonkers Waterfront Redevelopment Project, Yonkers, NY**

For this redevelopment along Yonkers' Hudson River waterfront, Ms. Lapin headed the remedial investigation and remediation work that included Phase I Environmental Site Assessments of 12 parcels, investigations of underground storage tank removals and associated soil remediation, remedial alternatives reports, and remedial work plans for multiple parcels. Several of the city-owned parcels were remediated under a Voluntary Cleanup Agreement; others were administered with state Brownfields grants. Hazardous waste remediation was completed on both brownfield and voluntary clean-up parcels, which enabled construction of mixed-use retail, residential development, and parking.

#### **Atlantic Chestnut, Brooklyn, NY**

AKRF was retained by Phipps Houses to provide environmental consulting services in connection with the purchase and development of former burned manufacturing buildings encompassing an entire city block in Brooklyn, New York. As part of due diligence, AKRF prepared a Phase I Environmental Site Assessment (ESA) Report for the property. After acquisition, the property was divided into three separate sites (3264 Fulton Street, 235 Chestnut Street, and 3301 Atlantic Avenue). AKRF prepared a Subsurface (Phase II) Investigation Work Plans and conducted Phase IIs at each of the sites, which included the collection and analysis of soil, soil vapor, and groundwater samples. Based on the results of the Phase IIs, documented in Subsurface (Phase II) Reports, New York State Brownfield Cleanup Program (NYSBCP) applications were prepared for each of the sites. After acceptance into the NYSBCP, AKRF prepared Citizen Participation Plans (CPPs) and distributed public notices. AKRF prepared Remedial Investigation (RI) Work Plans (RIWPs) for each of the sites to further investigate contaminated media prior to redevelopment, conducted the RIs, and is in the process of preparing the RI Reports (RIRs). Ms. Lapin is the Remedial Engineer for the project, and oversees all remedial activities.





## **MICHELLE LAPIN, P.E.**

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### **West 61<sup>st</sup> Street Rezoning/Residential Development, New York, NY**

Ms. Lapin directed the firm's hazardous materials work for this mixed-use development in Manhattan. The Algin Management Company hired AKRF to prepare an environmental impact statement (EIS) for the proposed rezoning of the western portion of the block between West 60th and 61st Streets, between Amsterdam and West End Avenues. The purpose of the proposed action was to facilitate the development of two 30-story residential towers with accessory parking spaces, and landscaped open space. The EIS examined a "worst case" condition for rezoning the block, which allowed Algin to build a residential building of approximately 375,000 square feet at their site. The building now contains 475 apartments, 200 accessory parking spaces, a health club, and community facility space. This site, with the services of AKRF, entered into New York State's Brownfield Cleanup Program (BCP). On-site issues included underground storage tanks remaining from previous on-site buildings, petroleum contamination from these tanks and possibly from off-site sources, and other soil contaminants (metals, semi-volatile organic compounds, etc.) from fill materials and previous on-site buildings. AKRF oversaw the adherence to the Construction Health and Safety Plan (HASP), which was submitted to and approved by the New York State Department of Environmental Conservation (NYSDEC), and monitored the waste streams, to ensure that the different types of waste were disposed of at the correct receiving facilities. This oversight also included confirmation and characteristic soil sampling for the receiving facilities and NYSDEC. A "Track 1" Clean up of the majority of the property (the portion including the buildings) was completed and the final Engineering Report was approved by the NYSDEC. AKRF has also completed a smaller portion of the property as a "Track 4" cleanup, which includes a tennis court and landscaped areas. Ms. Lapin continues to manage the annual inspections for the property owner in accordance with the Brownfield Cleanup Agreement.

### **2477 Third Avenue, Bronx, NY**

AKRF conducted the investigation and remediation of the former 2477 Third Avenue gasoline station property under the New York State Department of Environmental Conservation's (NYSDEC's) Brownfield Cleanup Program (BCP). The work included shallow and deep aquifer groundwater testing, delineation of known areas of soil contamination, soil vapor analyses, and investigation and delineation of non-aqueous phase liquid (DNAPL) from past industrial activities. Upon NYSDEC approval of the Remedial Action Work Plan (RAWP), AKRF conducted the removal of the nine on-site underground storage tanks (USTs) and 1,100 tons of petroleum-contaminated soil, the application of six in-situ chemical oxidation (ISCO) groundwater treatments, and the implementation of four Enhanced Fluid Recovery (EFR) events to remove desorbed gasoline-related hydrocarbons in the groundwater. The site received a Certificate of Completion (COC) from the BCP in December 2015 and a Notice of Satisfaction (NOS) in October 2016 from the Mayor's Office of Environmental Remediation (OER) in connection with the hazardous materials E-Designation assigned to the property. Ms. Lapin was the professional engineer of record, responsible for the remediation design elements and overall adherence to the NYSDEC and New York City Office of Environmental Remediation (OER) regulations.

### **164 Kent Avenue, Brooklyn, NY (AKA Northside Piers and 1 North 4th Place)**

The project was a multi-phase development consisting of a large waterfront block in the Williamsburg Rezoning Area. The project site was developed with a mixed-use residential-commercial high rise towers with an esplanade and a pier along the East River. AKRF provided acquisition and development support, including performing Phase I and II environmental site assessments, and preparation of Remedial Action Plans (RAPs) and Construction Health and Safety Plan (CHASPs) for approval by New York City Department of Environmental Protection (DEP) and New York City Mayor's Office of Environmental Remediation (OER). AKRF provided assistance with construction oversight during soil handling activities and managing the Community Air Monitoring Plan (CAMP) activities. To date, closure reports have been prepared and occupancy achieved for three of the four buildings. Ms. Lapin is the Professional Engineer (P.E.) of record for the DEP and OER RAPs, CHASPs and Remedial Closure Reports (RCRs).



## **MICHELLE LAPIN, P.E.**

**SENIOR VICE PRESIDENT**

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### **443 Greenwich Street, Manhattan, NY**

This Site was assigned an E-Designation for hazardous materials (and air quality and noise) during the North Tribeca Rezoning in 2010, which requires environmental testing and, if necessary, remediation to the satisfaction of the New York City Mayor's Office of Environmental Remediation (OER). After years of public opposition to the original redevelopment scheme calling for a boutique hotel, this former manufacturing building and its current developer gained acceptance through the Department of City Planning and the Landmarks Preservation Commission to move forward with redevelopment as residential lofts. The redevelopment process began in 2012 and led to initial re-occupancy in 2016 after overcoming several regulatory challenges while seeking LEED® certification.

Once trichloroethene (TCE) was identified on-site, the typically straight forward assignment of delineating contaminant sources for AKRF became much more complex following the identification of an off-site TCE groundwater plume. Based on the completion of several rounds of additional sampling and investigation activities including a compound specific isotopic analysis (CSIA) of the chlorinated volatile organic compounds (VOCs) detected in the central portion of the Site and the off-site monitor wells south of the Site, the presence of two separate releases (one originating on-site and one originating off-site) of TCE was confirmed. Based on the confirmation that the Site was not the contamination source associated with the off-site plume, the redevelopment of the Site proceeded under the review of the OER, and did not require direct or continued oversight from the New York State Department of Environmental Conservation (NYSDEC). Furthermore, the developer of the Site, who had become the owner, was not deemed responsible to complete additional off-site investigation or remediation associated with the separate, off-site TCE groundwater plume.

For this project, AKRF utilized forensic-based analysis of chlorinated VOC plumes and was one of the first projects that included a groundwater treatment technology managed by the OER in its E-Designation program. The Site also includes an engineered cap to prevent exposure to underlying soil/fill, a vapor barrier/waterproofing system beneath the building slab and along foundation sidewalls, and the operation of an active sub-slab depressurization (SSD) system. The project was awarded the 2017 Environmental Protection award by the New York City Brownfield Partnership. Ms. Lapin was the professional engineer of record, responsible for the remediation design and adherence of the remediation and remediation systems installation and ongoing operation.

### **Larkin Plaza, Yonkers, NY – Remedial Investigation, Construction Oversight**

AKRF assisted RXR Realty with enrolling the 1.1-acre Larkin Plaza site in the New York State Department of Environmental Conservation's (NYSDEC's) Brownfield Cleanup Program (BCP). Since being accepted into the program, AKRF conducted an extensive remedial investigation, prepared the necessary remedial action plans, managed the citizen participation tasks, and is in the process of conducting the remediation in conjunction with NYSDEC oversight. To date, the remedial work has included in-situ chemical oxidation (ISCO) treatments, contaminated soil removal, and petroleum product recovery. AKRF also assisted RXR with various construction-related services, including dewatering discharge permitting, soil disposal characterization testing, and stormwater pollution prevention plan (SWPPP) preparation. AKRF's Cultural Resources department is in the process of preparing a submission to the State Historic Preservation Office (SHPO) on behalf of RXR related to the acquisition of additional public funding sources for the construction project. A Certificate of Completion (COC) from the NYSDEC is anticipated at the end of 2018. Ms. Lapin is the professional engineer of record, responsible for the remediation design elements and adherence to the NYSDEC-approved work plans and remediation design.

### **Memorial Sloan Kettering Cancer Center-CUNY 74th Street EIS, New York, NY**

AKRF was engaged by Memorial Sloan-Kettering Cancer Center (MSK) and CUNY-Hunter College (CUNY) to prepare an EIS for a proposed joint facility located on a New York City-owned parcel located between East 73rd Street and East 74th Street adjacent to the FDR Drive in Manhattan. The proposed facility was formerly occupied



## **MICHELLE LAPIN, P.E.**

**SENIOR VICE PRESIDENT**

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by the Department of Sanitation, with over 41 underground storage tanks, will include an ambulatory medical care center for MSK and educational and medical research facilities for CUNY.

Ms. Lapin led the hazardous materials work, which included the preparation of the Phase I and II environmental site assessments, remedial action work plans (RAWPs), and construction health and safety plans (CHASPs) for submission to the New York City Office of Environmental Remediation (OER) for the Voluntary Cleanup Program (VCP) and to the New York State Department of Environmental Conservation (NYSDEC) for remediation of a petroleum spill. The RAWPs and CHASPs included provisions for excavation of contaminated soil and rock, removal of tanks and environmental monitoring during the construction activities. AKRF also performed a pre-demolition asbestos survey of the remaining concrete foundation structures and prepared specifications for asbestos abatement, soil management and underground storage tank removal and disposal.

The subgrade remediation was completed in compliance with the OER-approved RAWP and the spill was closed by the NYSDEC. The project has been completed, the spill was closed by the NYSDEC, and a Notice of Satisfaction was issued from the OER.

### **New York City Transit Hazardous Materials On-Call Contract, Various Locations, New York City, NY**

As part of a five-year, \$10 million on-call environmental engineering and consulting services contract with MTA New York City Transit (NYCT), AKRF performed phase I Environmental Site Assessments (ESAs), asbestos, lead paint, indoor air quality and hazardous materials consulting services at various stations, tunnels and structures. Ms. Lapin oversaw the firm's team of technicians responsible for work at construction work sites occupied by multiple contractors and trades, monitoring contractor work practices, and inspection hazardous waste storage activities. She also reviewed AKRF's asbestos consulting services, coordinating the efforts of AKRF team members who conducted asbestos surveys and reporting, design services, and asbestos abatement oversight at manholes, stations, tunnels and other structures throughout New York.

### **Brooklyn Bridge Park, Brooklyn, NY**

AKRF prepared an Environmental Impact Statement (EIS) and is continuing to provide technical and planning support services for Brooklyn Bridge Park, which revitalizing the 1.3-mile stretch of the East River waterfront between Jay Street on the north and Atlantic Avenue on the south. The new park, allows public access to the water's edge, allowing people to enjoy the spectacular views of the Manhattan skyline and New York Harbor. It also provides an array of passive and active recreational opportunities, including lawns, pavilions, and a marina. As with many waterfront sites around New York City, the lands along the Brooklyn waterfront have a long history of industrial activities. Some of these industries used dangerous chemicals and generated toxic by-products that could have entered the soil and groundwater. In addition, landfilling activities along the shoreline also used ash and other waste materials from industrial processes. Based on site inspections, historical maps, government records, and other sources, AKRF has been investigating the potential for the presence for hazardous materials in the park. This information was compiled into a Phase 1 Environmental Site Assessment report. AKRF has also provided and continues to support to the design team related to designing the project to minimize costs related to remediating hazardous materials where possible. Ms. Lapin is serving as senior manager for the hazardous materials investigations.

### **Columbia University Manhattanville Academic Mixed-Use Development, New York, NY**

Ms. Lapin served as Hazardous Materials Task Leader on this Environmental Impact Statement (EIS) for approximately 4 million square feet of new academic, research and neighborhood uses to be constructed north of Columbia University's existing Morningside campus. The work included Phase I Environmental Site Assessments for the properties within the site boundaries, and estimates for a Subsurface (Phase II) Investigation of the entire development area. The firm's Hazardous Materials group performed over 30 individual Phase I Environmental Site



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Assessments for properties within the development area. In addition, a Preliminary Environmental Site Assessment (PESA) was completed in conjunction with the Environmental Impact Statement (EIS). Based on the Phase I studies, AKRF conducted a subsurface (Phase II) investigation in accordance with a New York City Department of Environmental Protection (NYCDEP) approved investigative work plan and health and safety plan. Subsurface activities included the advancement of soil borings, groundwater monitor wells, and the collection of soil and groundwater samples for laboratory analysis. This study was used to estimate costs to remediate contaminated soil and groundwater, and underground storage tanks and hazardous building materials, including lead-based paint and asbestos-containing materials.

### **Albert Einstein College of Medicine Center for Genetic and Translational Medicine, Bronx, NY**

Ms. Lapin directed the firm's hazardous materials work in connection with the construction a new Center for Genetics and Translational Medicine (CGTM) building on the Bronx campus of the Albert Einstein College of Medicine of Yeshiva University. AKRF prepared an Environmental Assessment Statement (EAS) that examined such issues as land use, zoning, air quality, urban design and visual resources, hazardous materials, traffic, noise, and air quality. Ms. Lapin's work included analysis of the existing conditions and potential impacts that the construction could cause to the environment and human health.

### **NY Wheel, Staten Island, NY**

Working with the New York City Department of Small Business Services (SBS) as lead agency, AKRF conducted an environmental review for the forthcoming Empire Outlets and New York Observation Wheel (NY Wheel), a mixed-use development situated on a State Voluntary Cleanup Program (VCP) site managed by the New York City Economic Development Corporation (EDC), on the northern Staten Island waterfront. AKRF provided an EIS analyzing the combined project. In addition, AKRF prepared an updated Site Management Plan (SMP) reflecting the proposed development for the VCP site. The SMP was approved by the New York State Department of Environmental Conservation (NYSDEC) in March 2015.

Hazardous materials services provided by AKRF for New York Wheel LLC during construction on the NY Wheel site include environmental construction oversight, inspection and documentation of SSDS installation, soil sampling, and reporting to ensure compliance with the SMP, storm water pollution prevention plan (SWPPP) inspections, and site design services. AKRF's work entails regular coordination with EDC for reporting to NYSDEC, modifications to the SMP, etc. Ms. Lapin is the professional engineer of record, responsible for adherence to the NYSDEC-approved plans and coordination with the NYSDEC regarding the design elements.

### **Hudson River Park, New York, NY**

Ms. Lapin is directing AKRF's hazardous materials work during construction of Hudson River Park, a five-mile linear park along Manhattan's West Side. As the Hudson River Park Trust's (HRPT's) environmental consultant, AKRF has overseen preparation and implementation of additional soil and groundwater investigations [working with both the New York State Department of Environmental Conservation (NYSDEC) and the New York City Department of Environmental Protection (NYCDEP)], all health and safety activities, and removal of both known underground storage tanks and those encountered during construction. Previously, the firm performed hazardous materials assessments as part of the Environmental Impact Statement (EIS) process, including extensive database and historical research, and soil and groundwater investigations. Ms. Lapin has been the senior consultant for the soil and groundwater investigations and remediation, and the asbestos investigations and abatement oversight.

### **Roosevelt Union Free School District – District-wide Improvement Program, Roosevelt, NY**

Ms. Lapin managed the hazardous materials investigation for the Draft and Final Environmental Impact Statements (EIS) for the improvement program, which included the demolition of three existing elementary



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schools and portions of the junior-senior high school, and the reconstruction of three replacement elementary schools, a separate replacement middle school, and renovations to the high school. Following the EIS, additional hazardous materials investigations were completed, including comprehensive asbestos and lead surveys; Phase I and Phase II Environmental Site Assessments; the preparation of asbestos, lead, hazardous materials and demolition specifications; and obtaining site-specific variances from the New York State Department of Labor (NYS DOL). The middle school remediation was conducted through coordination with the New York State Department of Environmental Conservation (NYS DEC), the New York State Department of Health (NYS DOH), the New York State Education Department (NYSED) and the local school district. The project was approved, and construction/renovation for the new middle school completed such that the school opened for the Fall 2008 semester as planned.

### **Fiterman Hall Deconstruction and Decontamination Project, New York, NY**

The 15-story Fiterman Hall building, located at 30 West Broadway between Barclay and Murray Streets, originally constructed as an office building in the 1950s, had served as an extension of the City University of New York (CUNY) Borough of Manhattan Community College (BMCC) since 1993. The building was severely damaged during the September 11, 2001, attack on the World Trade Center (WTC) when 7 WTC collapsed and struck the south façade of the building, resulting in the partial collapse of the southwest corner of the structure. The building was subsequently stabilized, with breaches closed and major debris removed, however, extensive mold and WTC dust contaminants remain within the building, which must be taken down. The project required the preparation of two Environmental Assessment Statements (EASs) for the redevelopment of Fiterman Hall—one for the deconstruction and decontamination of the building and one for the construction of a replacement building on the site. AKRF prepared the EAS for the Deconstruction and Decontamination project, which included the decontamination of the interior and exterior of the building, the removal and disposal of all building contents, and the deconstruction of the existing, approximately 377,000-gross-square-foot partially collapsed structure. Ms. Lapin reviewed the deconstruction and decontamination plans for the EAS. The cleanup plan was submitted to the United States Environmental Protection Agency (USEPA).

### **Davids Island Site Investigations, New Rochelle, NY**

Ms. Lapin managed the hazardous materials investigation of Davids Island, the largest undeveloped island on the Long Island Sound in Westchester County. The 80-acre island features pre- and post-Civil War military buildings and parade grounds, and is viewed as a major heritage, tourism, and recreational amenity. The island, formerly known as Fort Slocum, was used by the U.S. military, beginning in the 19th century, as an Army base, hospital, and training center. The island was planned for county park purposes. The investigation included a Phase I Environmental Site Assessment, with historical research going back to the 17th century, a Phase II (Subsurface) Investigation, underground storage tank investigations, asbestos surveys, and conditions surveys of all remaining structures. Cost estimates were submitted to Westchester County for soil remediation, asbestos abatement, and building demolition.





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### **Site Selection and Installation of 11 Turbine Generators, New York and Long Island, NY**

AKRF was retained by the New York Power Authority (NYPA) to assist in the State Environmental Quality Review Act (SEQRA) review of the proposed siting, construction, and operation of 11 single-cycle gas turbine generators in the New York metropolitan area. Ms. Lapin managed the hazardous materials investigation of the sites. The work has included Phase I Environmental Site Assessments, subsurface investigations, and construction health and safety plans.

### **Cross Westchester (I-287) Expressway Phases V and VI, Westchester County, NY**

For the New York State Department of Transportation's (NYSDOT) I-287 reconstruction project, Ms. Lapin served as Project Manager and was responsible for directing the contaminated materials aspect of the final design effort for the reconstruction of Westchester County's major east-west artery. As part of her duties, Ms. Lapin managed the asbestos investigations at eight bridges and wetland delineation along the entire corridor and wrote the scope of work and provided general management of the project.

### **Supermarket Redevelopment, New Fairfield, CT**

AKRF provided consulting services to the developer and owner of a nine-acre site, including conducting a remedial investigation and remediation of a site contaminated from former dry cleaning operations and off-site gasoline spills. The investigation included the installation of monitoring wells in three distinct aquifers, geophysical logging, pump tests, and associated data analysis. Ms. Lapin presented the environmental issues and planned remediation to local and state officials during the early stages of the planning process to incorporate their comments into the final remedial design. A remedial action work plan (RAWP) was completed and approved by the Connecticut Department of Environmental Protection (CTDEP) within a year to enable redevelopment work for a new supermarket and shopping center. The RAWP included the remediation of soil within the source area and a multi-well pump and treat system for the recovery of non-aqueous and dissolved phase contamination in groundwater. The design of the recovery well system included extensive groundwater modeling to ensure capture of the contaminant plume and the appropriate quantity and spacing of the wells. Ms. Lapin directed the soil removal remedial activities and monitoring for additional potential contamination during construction. In addition, AKRF performed comprehensive pre-demolition asbestos and lead-based paint surveys of the former site structures, conducted abatement, air monitoring and oversight, and provided environmental consulting support for the development of the site. The groundwater remediation system was installed during site development and began operation once development was complete.

### **Broad Street, Stamford, CT [former Project name: Target Stamford]**

AKRF originally completed a Phase I Environmental Site Assessment (ESA) for a developer of this property, located at southeastern corner of Broad Street and Washington Boulevard in downtown Stamford, Connecticut, for a proposed residential development. Four years later, an update of this Phase I ESA was conducted for a proposed Target retail development. The study area included the current Target site and the west-adjacent site which was subsequently developed as a luxury residential tower. Following the Phase I report, a subsurface (Phase II) investigation was conducted, which included soil borings, groundwater monitor wells, soil and groundwater sample collection and analysis. The results of the Phase II investigation were used to develop a remediation strategy. An additional Phase I/Phase II investigation was conducted of the adjacent former transmission repair facility, which included a site inspection, review of local and state records, an underground storage tank markout survey, advancement of soil borings, and collection of soil samples for laboratory analysis. AKRF also conducted asbestos surveys prior to abatement and demolition of the former Broad Street and Washington Boulevard buildings.



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### **EPA Brownfields Assessment Program, Naugatuck, CT**

Ms. Lapin is currently serving as the Principal-in-Charge for a USEPA Brownfields Assessment program project in Naugatuck, Connecticut. She is overseeing the assessment and investigation of key development parcels, including Work Plan and QAPP preparation, and conducting community outreach tasks to communicate site risks and the project process. Mr. Stefaniak plays the lead role in administering the USEPA Cooperative Agreement on behalf of the Borough.

### **East 75th/East 76th Street Site, New York, NY**

Ms. Lapin served as Senior Manager for this project that encompassed coordination and direct remediation efforts of this former dry cleaning facility and parking garage prior to the sale of the property and its ultimate redevelopment for use as a private school. A preliminary site investigation identified 20 current and former petroleum and solvent tanks on the property. A soil and groundwater testing program was designed and implemented to identify the presence and extent of contamination resulting from potential tank spills. This investigation confirmed the presence of subsurface petroleum contamination in the soil and solvent contamination from former dry cleaning activities in the bedrock. AKRF completed oversight of the remediation under the State's Voluntary Cleanup Program. Remediation, consisting of tank removals and excavation of contaminated soil and the removal of solvent-contaminated bedrock down to 30 feet below grade, has been completed. AKRF completed oversight of the pre-treatment of groundwater prior to discharge to the municipal sewer system and an off-site study to determine impacts to groundwater in downgradient locations.

### **Former Macy's Site, White Plains, NY**

While assisting Tishman Speyer with plans to redevelop this site, Ms. Lapin managed the pre-demolition work, which included a Phase I site assessment; subsurface investigation (Phase II), including the analysis of soil and groundwater samples for contamination; a comprehensive asbestos, lead paint, and PCB investigation; radon analysis; and coordination and oversight of the removal of hazardous materials left within the building by previous tenants. Work also included asbestos abatement specifications and specifications for the removal of two 10,000-gallon vaulted fuel-oil underground storage tanks.

### **Storage Deluxe, Various Locations, NY**

Ms. Lapin manages the firm's ongoing work with Storage Deluxe, which includes Phase I Environmental Site Assessments and Phase II Subsurface Investigations, underground storage tank removals and associated remediation, asbestos surveys and abatement oversight, and contaminated soil removal and remediation for sites in Connecticut, the Bronx, Brooklyn, Manhattan, Westchester County, and Long Island.

### **Home Depot, Various Locations, NY and CT**

Ms. Lapin, serving as either Project Manager or Senior Manager, has managed the investigations and remediation at multiple Home Depot sites in the five boroughs, Long Island, and Connecticut. The investigations have included Phase I, II, and III site assessments, asbestos and lead paint surveys, abatement specifications and oversight, and soil and groundwater remediation.

### **Avalon on the Sound, New Rochelle, NY**

For Avalon Bay Communities, Ms. Lapin managed the investigations and remediation of two phases of this residential development, including two luxury residential towers and an associated parking garage. Remediation of the first phase of development (the first residential tower and the parking garage) included gasoline contamination from a former taxi facility, fuel oil contamination from multiple residential underground storage tanks, and chemical contamination from former on-site manufacturing facilities. The remediation and closure of the tank



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spills was coordinated with the New York State Department of Environmental Conservation (NYSDEC). The initial investigation of the Phase II development—an additional high-rise luxury residential building—detected petroleum contamination. A second investigation was conducted to delineate the extent of the contamination and estimate the costs for remediation. AKRF oversaw the remediation and conducted the Health and Safety monitoring. The remediation was completed with closure and approvals of the NYSDEC.

### **Mill Basin, Gerritsen Inlet, and Paerdegat Basin Bridges, Final Design, Shore Parkway, Brooklyn, NY**

Following the preparation of the Generic Environmental Impact Statement (GEIS) for the Belt Parkway Bridges Project, the firm was retained for supplemental work during the final design phase of the project. This included National Environmental Policy Act (NEPA) and State Environmental Quality Review Act (SEQRA) documentation for three of the bridges—Mill Basin, Gerritsen Inlet, and Paerdegat Basin—which will be federally funded. Ms. Lapin managed the contaminated materials investigation that included a detailed subsurface contaminated materials assessment, both subaqueous and along the upland approaches.

### **NYSDOT Transportation Management Center (TMC), Hawthorne, NY**

AKRF conducted environmental studies for the New York State Department of Transportation (NYSDOT) at the current troopers' headquarters in Hawthorne, NY. The property is the proposed site of a new Transportation Management Center. AKRF completed a comprehensive asbestos survey of the on-site building and prepared asbestos abatement specifications; performed a Phase I site assessment; conducted an electromagnetic (EM) survey that located two fuel oil underground storage tanks, and developed removal specifications for the two underground storage tanks and an aboveground storage tank.

### **Metro-North Railroad Poughkeepsie Intermodal Station/Parking Improvement Project, Poughkeepsie, NY**

Ms. Lapin served as Project Manager of the hazardous materials investigation in connection with AKRF's provision of planning and environmental services for parking improvement projects at this station along the Hudson Line. The project included an approximately 600-space garage, additional surface parking, and an intermodal station to facilitate bus, taxi, and kiss-and-ride movements. Ms. Lapin conducted Phase I and II contaminated materials assessments and worked with the archaeologists to locate an historical roundhouse/turntable.

### **Metro-North Railroad Golden's Bridge Station Parking Project, Westchester County, New York**

For Metro-North Railroad, Ms. Lapin managed a Phase I Environmental Site Assessment of a property that has since become the new parking area, used by the existing Golden's Bridge train station. Ms. Lapin also conducted a subsurface (Phase II) investigation of the original parking area, track area, and existing platform for the potential impact of moving tracks in the siding area to extend the existing parking area and adding an access from a proposed overhead walkway (connecting the train station to the new parking area over a highway). The study also included an assessment for lead-based paint and asbestos on the platform structures.

### **East River Science Park, New York, NY**

Originally, New York University School of Medicine (NYUSOM) retained the firm to prepare a full Environmental Impact Statement (EIS) for its proposed East River Science Park (ERSP). The proposed complex was to occupy an underutilized portion of the Bellevue Hospital campus between East 30th Street and approximately East 28th Street, immediately south of NYU's campus. As originally contemplated, Phase I was to include 618,000 square feet of development, including a clinical practice and research building, a biotech center, 220 housing units for post-doctorate staff, a child care center, and a conference center. This phase would include reuse of the former Bellevue Psychiatric Building, a historic structure on East 30th Street east of First Avenue.





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Phase II was to include a second biotech building with a library to serve NYU and Bellevue at the eastern end of the block between 29th and 30th Streets. Phase III was to include a third biotech building and parking. The project's EIS considered a full range of issues, including land use, socioeconomics, shadows, historic resources, open space, traffic and transportation, air quality, noise, and construction. The firm also prepared all of the traffic and transportation studies for the urban design and master planning efforts. Ms. Lapin managed the Phase I Environmental Site Assessment and other hazardous materials-related issues.

Events relating to September 11, 2001 put a hold on the project for a number of years. When the project resurfaced, it had a new developer and a decreased scope. Ms. Lapin updated the hazardous materials issues for the new developer and consulted with them regarding remediation strategies and involvement of regulatory agencies. For the actual remediation/development, the city requested oversight by AKRF to represent its interests (the city is retaining ownership of the land). Ms. Lapin completed directing the remediation oversight on behalf of the City of New York for the remediation of the former psychiatric hospital building, laundry building and parking areas associated with Bellevue Hospital. The new development includes a biotechnology center (Commercial Life Science Research and Office Park) comprising two buildings (combined 550,000 square feet), street level retail, and an elevated plaza.

### **68, 76 and 78 Forest Street and 96-98 Grove Street, Stamford, CT**

Ms. Lapin led this project, for which AKRF was retained to complete a Phase I Environmental Site Assessment (ESA) of five residential properties, and asbestos surveys and lead-based paint surveys of the five multi-family residential structures prior to a real estate transaction. The investigations were completed to allow demolition of the residential structures and prepare the properties for development into the Highgrove high rise condominium complex. AKRF represented the purchaser and site developer during the due diligence process, identified areas of environmental concern, and completed underground storage tank closure activities prior to initiating site development. In addition, AKRF conducted a Phase I ESA of a property on Summer Street that was being used by the developer as a "temporary" office building and a parking area utilized as a sales center and apartment model for the Highgrove residential development.

### **Shelton Storage Deluxe, Shelton, CT**

AKRF completed Phase I, Phase II and Tank Removal/Remediation services for a storage facility in Shelton, Connecticut. Based on this information from the Phase I ESA, AKRF conducted a Phase II study that revealed groundwater impact (gasoline), possibly from an off-site source. Additional testing was then conducted to determine the source of the gasoline contamination. Testing of a wood block floor revealed concentrations of volatile and semivolatile organic compounds and total petroleum hydrocarbons; therefore, disposal of this material had to be as a petroleum-contaminated waste. The additional testing included upstream and downstream surface water samples, and on-site detention pond water and sediment samples. Subsequent to the Phase II testing, a 4,000-gallon on-site underground storage tank was removed. Upon removal, contaminated soil and groundwater were observed and a spill was called into the Connecticut Department of Environmental Protection (CTDEP). Following completion of remedial activities and submission of a closure report, the spill was closed by the CTDEP. Ms. Lapin directed the firm's efforts to complete this project.

### **DPR Soundview Park Playgrounds and Open Space, Bronx, NY**

AKRF is part of a team working on the reconstruction of this 212-acre NYCDPR public park located along the Bronx River in the Bronx, New York. The park was identified as an underutilized park and is being improved in accordance with the goals of PlaNYC. Ms. Lapin is overseeing AKRF's hazardous materials investigations including environmental and remediation-related work. AKRF prepared the Environmental Assessment Statement (EAS) and the project has moved into the design and construction phase. The remediation/construction of multiple phases of the development is currently underway.



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### **Rego Park Home Depot, Queens, NY**

Solvent contamination was encountered during retail development of a former industrial property in Rego Park, Queens, New York. The site work included an extensive investigation and a multi-phase remediation performed under the NYSDEC Voluntary Cleanup Program (BCP). Remediation included removal of aboveground and underground storage tanks (ASTs and USTs) and hotspot soil removal. An Air Sparging/Soil Vapor Extraction (AS/SVE) groundwater remediation system designed by AKRF was installed as part of the building construction. Continued remediation work included upgrading and expanding the AS/SVE system after the store was opened. AKRF prepared the Final Engineering Report and obtained closure with a Release and Covenant Not to Sue issued by NYSDEC in 2013. AKRF continues operations, maintenance, and monitoring under the NYSDEC-approved Site Management Plan. Ms. Lapin is the Professional Engineer (P.E.) of record for the remediation design and implementation in accordance with the NYSDEC Brownfield Cleanup Program (BCP).

### **250 North 10th Street, LLC. Residential Redevelopment Site, Brooklyn, NY**

AKRF was retained to investigate and remediate this former industrial property in the Williamsburg section of Brooklyn, New York in connection with site redevelopment. The site is approximately 50,000 square feet, and redevelopment included a six story residential building and parking garage. The work was completed to satisfy the requirements of the NYC E-designation Program and NYC Voluntary Cleanup Program (NYC VCP). AKRF completed a Remedial Investigation (RI) to evaluate the nature and extent of site contamination, and developed a Remedial Action Work Plan (RAWP) to properly address site contamination during redevelopment. Remediation included removal of underground storage tanks, more than 7,500 tons of contaminated soil, and installation of a vapor barrier and site cap across the entire property. The remediation was completed under oversight of the NYC Office of Environmental Remediation (OER), and in a manner that has rendered the Site protective of public health and the environment consistent with residential use of the property. Ms. Lapin is the Professional Engineer (P.E.) of record for the remedial effort in accordance with the OER Voluntary Cleanup Program (VCP).

### **AP-Williamsburg, LLC, 50 North 5th Street Development, Brooklyn, NY**

AKRF directed the remedial program at a 55,000-square foot site located in the Williamsburg section of Brooklyn, New York. The site had an industrial and manufacturing history for over 100 years that included a barrel making factory, use of kilns, and a carpet and flooring materials warehouse. AKRF completed a Remedial Investigation (RI) to evaluate the nature and extent of site contamination, and developed a Remedial Action Work Plan (RAWP) to properly address site contamination during redevelopment. Remediation included removal of more than 5,000 tons of contaminated soil, and installation of a vapor barrier and sub-slab depressurization system (SSDS) beneath the site building. The remediation was completed in a manner that has rendered the Site protective of public health and the environment consistent with commercial and residential use of the property, and in accordance with the requirements of the NYC OER E-designation program. The site includes a seven story residential apartment building with street level retail space and a parking garage. Ms. Lapin is the Professional Engineer (P.E.) of record for the NYC OER RAWP and Remedial Closure Report (RCR).

### **New York City School Construction Authority (NYCSCA), Environmental Consulting Hazardous Materials Services**

AKRF has undertaken various assignments under consecutive hazardous materials on-call contracts, including environmental assessment, remedial design, and plumbing disinfection consulting tasks. For potential new school sites, assignments include initial due diligence, Phase I environmental site assessments (ESAs) and multi-media subsurface investigation of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school, likely remediation requirements, and associated costs. For sites undergoing design and development, assignments include preparation of remediation plans, design of sub-slab depressurization systems (SSDS) and contract specifications, and construction oversight. The work has also included conducting Phase I ESAs and



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indoor air quality testing, preparation of specifications, supervision of storage tank removals, and investigation and remediation of spills for existing schools. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours. Ms. Lapin is the QA/QC officer for all of the SCA hazardous materials assignments and the Professional Engineer (P.E.) of record for the various remediation systems, including SSDS. In addition, Ms. Lapin is also the QA/QC officer for the lead in drinking water and plumbing disinfection tasks also under AKRF's on-call hazardous materials consulting contract with the NYCSCA. AKRF performed lead in drinking water sampling in about 160 schools during two three-month periods in 2016 and 2017 and continues to provide lead sampling, reporting, and recommendations as new plumbing is installed. AKRF also oversees plumbing disinfection work, which is required prior to new plumbing being placed into service. The assignments involve reviewing and commenting on disinfection plans, supervision of the disinfection and confirmation testing, and preparation of reports documenting that the work was conducted in accordance with the specifications and applicable requirements. As with the Phase I/II studies, work under the lead testing and plumbing disinfection contract is often conducted on short notice during non-school hours.

## **MARC S. GODICK, LEP**

### **SR. VICE PRESIDENT**

Marc S. Godick, a Senior Vice President of the firm, has over 27 years of experience in the environmental consulting industry. Mr. Godick has broad-based environmental experience includes expertise in brownfield redevelopment, site assessment, remedial investigation, design and implementation of remedial measures, compliance assessment, and litigation support.

#### **Education**

M.E., Engineering Science/Environmental Engineering, Pennsylvania State University, 1998

B.S., Chemical Engineering, Carnegie Mellon University, 1989

#### **Licenses/Certifications**

Licensed Environmental Professional (License # 396) – State of Connecticut – 2003 - Present

40 Hour HAZWOPER and Annual Refresher Training, 1990 - Present

Supervisors of Hazardous Waste Operations (8 Hour), 1990

#### **Professional Memberships**

Chairman, Village of Larchmont/Town of Mamaroneck Coastal Zone Management Commission, 1997 – Present

Member, Westchester County Stormwater Advisory Board, 2011 – Present

Chairman/Member, Westchester County Soil and Water Conservation District, 2005 - 2010

Board of Directors, Sheldrake Environmental Center, Larchmont, New York, 2006 - 2008

Member, NYSDEC Risk-Based Corrective Action (RBCA) Advisory Group for Petroleum-Impacted Sites, 1997

Community Leadership Alliance, Pace University School of Law, 2001

#### **Years of Experience**

Year started in company: 2002

Year started in industry: 1990

### **RELEVANT EXPERIENCE**

#### **New York City Department of Design and Construction, East Side Coastal Resiliency, Manhattan, NY**

Mr. Godick leads the environmental investigation and related support for a multidisciplinary design team selected by the New York City agency partnership of DDC, DPR, and ORR for the Feasibility Study and Pre-Scoping Services for East Side Coastal Resiliency (ESCR) project. The AKRF Team is providing design services, for 100+ year storm protection with anticipated sea level rise along the east side of Lower Manhattan. The ESCR subsurface exploration program involved a review of available utility plans and environmental reports involving manufactured gas plant (MGP) and potential petroleum-related contamination along a 2.5 mile study area from Montgomery Street to East 25th Street to develop a Subsurface Investigation Work Plan, which was approved by the NYCDEP.

The program included both public and private utility mark-out services across vast areas of the project site containing critical infrastructure to enable the installation of numerous shallow and deep borings and groundwater wells. Mr. Godick supervised the implementation of the investigation, which was completed in two phases. He was also responsible for the interpreting the wide-range of chemical parameters to evaluate critical cost and environmental impacts for the City and design team, and to prepare technical reports for submission and approval by the NYCDEP to satisfy for City Environmental Quality Review (CEQR) requirements. In addition, he



continues to support the design and environmental review team, including preparation of the Hazardous Materials chapter for the Environmental Impact Statement, estimating cost impacts to the project for design and cost recovery purposes, and developing a Soil Management Plan. Mr. Godick also managed a hydrogeologic modeling study to evaluate potential hydraulic and contaminant migration impacts associated with construction of the proposed flood control structure. Mr. Godick continues to coordinate with the NYC team, NYSDEC, and Con Edison to ensure that the design incorporates appropriate remedial measures to be implemented prior to and/or in conjunction with construction.

**Remedial Design, Gowanus Canal First Street Turning Basin, New York City Department of Design and Construction (DDC)**

Mr. Godick is managing the remedial design for restoration of the filled-in former First Street Turning Basin in Brooklyn, New York. The remediation is being conducted as part of an Order of Consent between the City of New York and EPA for the Gowanus Canal Superfund Site. The remedial design will include removal of fill and sediment within the fill-in basing in an approximately 475-foot by 50-foot area. The restored basin will provide enhanced waterfront access to the community and a boat launch for canoes and kayaks. Design considerations include geotechnical concerns related to adjacent buildings and new, existing bulkheads; soil, and water management; landscape design; and access/construction logistics. The design is anticipated to be completed in late 2017.

**Remediation & Litigation Support, 3200 Jerome Avenue, Bronx, NY (Former PS 151)**

Mr. Godick managed the investigation and remediation of a former public school in the Bronx under the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP). The site was contaminated with trichloroethylene (TCE) from historic operations at the property prior to use as a school. The remedial investigation included soil, groundwater, and vapor intrusion assessment both on-site and off-site. The remedial design included excavation of the source area, in-situ chemical oxidation of groundwater, and installation of a sub-slab depressurization system (SSDS) to address potential vapor intrusion. Implementation of the remedy was complete in late 2014. The completed remediation allows for future multi-family residential, educational, childcare, and/or medical uses. Mr. Godick also provided litigation support in connection with a cost recovery claim against the former operator of the site.

**Remediation & Litigation Support, Queens West Project, Avalon Bay Communities, Queens, NY**

For over 20 years, AKRF has played a key role in advancing the Queens West development, which promises to transform an underused industrial waterfront property into one of largest and most vibrant mixed-use communities just across the East River from the United Nations. AKRF prepared an Environmental Impact Statement (EIS) that examines issues pertaining to air quality, land use and community character, economic impacts, historic and archaeological resources, and infrastructure. As part of this project, Mr. Godick managed one of the largest remediation projects completed under the NYSDEC BCP at the time that was contaminated by coal tar and petroleum. The remedy included the installation of a hydraulic barrier (sheet pile cut off wall), excavation of contaminated soil under a temporary structure to control odors during remediation, a vapor mitigation system below the buildings, and implementation of institution controls. The investigation, remediation design, and remedy implementation, and final sign-off (issuance of Certificate of Completion) were completed in two years. Total remediation costs were in excess of \$13 million. Following completion of the remediation, Mr. Godick developed a cost allocation model and provided litigation support for a cost recovery action against a former operator of the site, including participation in a deposition as a fact witness prior to settlement between the parties.

**On-Call Environmental Consulting Services (Various Locations), New York City Mayor's Office of Environmental Remediation (OER) (administered by NYCEDC)**

Mr. Godick is managing an on-call contract with the OER for brownfields environmental assessment and remediation. The work has included conducting Phase I environmental site assessments (ESAs) and multi-media

sampling of soil, groundwater, and soil vapor for various sites funded by EPA grants. The work plans and investigation reports were completed in accordance with OER and EPA requirements. AKRF also developed a remedial plan for a former gas station site in the Bronx and implemented a remedial plan for capping a park site in Staten Island. In addition, Mr. Godick is providing support to OER and an affordable housing developer to expedite an application for entry into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), as well as preparation and implementation of the remedial investigation and remedial plan.

**On-Call Environmental Consulting (Various Locations), New York City School Construction Authority**

Mr. Godick is managing an on-call contract with the SCA for environmental assessment, remedial design, and plumbing disinfection. For new school sites, initial due diligence involves conducting Phase I environmental site assessments (ESAs) and multi-media sampling of soil, groundwater, and soil vapor to determine the suitability of a site for development as a school and remediation requirements and associated costs. Once design for a school is underway, AKRF would prepare remediation plans and construction specifications and oversee the construction activities. For existing school sites, the work can involve conducting Phase I ESAs and indoor air quality testing, preparation of specifications, supervision of storage tank removals, investigation and remediation of spills, and development of remediation cost estimates. AKRF also oversees plumbing disinfection work, which is required prior to new plumbing being placed into service. The assignments involve reviewing and commenting on disinfection plans, supervision of the disinfection and confirmation testing, and preparation of a report documenting the work was conducted in accordance with the specifications and applicable requirements. Due to the sensitivity of school sites, work under this contract is often conducted on short notice and during non-school hours. Mr. Godick also manages AKRF's potable water sampling (for lead) work for SCA, including providing recommendations for mitigating exceedances.

**Remediation, Former Industrial Laundry/Dry Cleaning Plant, 2350 Fifth Avenue. New York, NY**

Mr. Godick managed the assessment, cleanup and post-remedial operations, maintenance and monitoring of the only NYSDEC listed inactive hazardous waste (State Superfund) site in Manhattan, a former laundry/dry cleaning plant in Harlem. Remedial investigation included evaluation of soil, groundwater, soil vapor, indoor air, and building materials. Interim remediation included the removal of contaminated building materials and operation of a sub-slab vapor extraction system retrofitted into the existing building. Mr. Godick coordinated with the regulatory agencies, site owner and occupants; and managed the investigation, remedial design, and remedial implementation activities. Phase 1 of the Remedial Action Work Plan consisted of further removal of contaminated building materials. Phase 2 of the remediation included a sub-slab depressurization system (SSDS) retrofitted into the existing building, soil vapor extraction (SVE) system, and chemical oxidation injection. Remedial action work was completed in 2014 and documented in a Final Engineering Report. NYSDEC issued Certificate of Completion in January 2015 and the site has been reclassified to a "Class 4" site (site properly closed – requires continued management). Mr. Godick continues to manage the project, including operations, maintenance and monitoring of the SSDS and SVE system under the NYSDEC-approved Site Management Plan.

**606 West 57th Street, New York, NY, TF Cornerstone**

AKRF has been retained by TF Cornerstone to provide environmental services for the proposed redevelopment of a portion of the block bounded by Eleventh and Twelfth Avenues and West 56th and 57th Streets. The proposed actions included a zoning map amendment, zoning text amendments, a special permit, and an authorization to facilitate development of approximately 1.2 million square feet of residential and retail space. AKRF prepared an Environmental Impact Statement (EIS) for the New York City Department of City Planning (DCP) to analyze the effects of the proposed actions and development of the proposed building. The EIS addressed the full range of environmental impacts associated with the proposed development.

Mr. Godick was responsible for the elements of the EIS pertaining to hazardous materials, including coordination of a Phase I ESA and summarizing pertinent site information for the hazardous materials and construction



chapters. Mr. Godick provided pre-acquisition support to TF Cornerstone, which included development of a remedial cost estimate report to outline remediation cost during site development. Mr. Godick also managed work related to the subsurface investigation, localized remediation (chemical injection and limited excavation beneath the building basement) and regulatory closure of a petroleum spill on a portion of the project site to satisfy NYSDEC requirements. After EIS certification, Mr. Godick coordinated approvals with NYCOER, the regulatory agency overseeing remedial measures related to the redevelopment of the site. The Site has an (E) Designation and is participating in the New York City Voluntary Cleanup Program. Mr. Godick managed the preparation of a Phase II Investigation Work Plan, Remedial Investigation Report, Remedial Action Work Plan (RAWP), and contractor specifications for soil management and tank and hydraulic lift removal. Mr. Godick managed implementation of the remediation in accordance with the RAWP.

**164 Kent Avenue, Brooklyn, NY (AKA Northside Piers and 1 North 4th Place), RD Management, L&M Development, Toll Brothers, and Douglaston Development**

The project was a multi-phase development consisting of a large waterfront block in the Williamsburg Rezoning Area. The project site has been developed with mixed-use residential-commercial high-rise towers with an esplanade and a pier along the East River. AKRF provided acquisition and development support, including performing Phase I and II environmental site assessments and development of remedial cost estimates for development, and preparation of Remedial Action Plans (RAPs) and Construction Health and Safety Plan (CHASPs) for approval by DEP and OER. AKRF provided assistance with construction oversight during soil handling activities and managing the Community Air Monitoring Plan (CAMP) activities. Closure reports were prepared and the project is fully built-out and occupied.

**Site Investigation—Over 20 Facilities, Con Edison, New York, NY**

Mr. Godick managed site investigations associated with petroleum, dielectric fluid, and PCB releases at over 20 Con Edison facilities including service centers, substations, generating stations, and underground transmission and distribution systems. Site investigations have included due diligence site reviews, soil boring installation, monitoring well installation, hydrogeologic testing, and water quality sampling. Risk-based closures were proposed for several sites.

**Underground Storage Tank Closure and Site Remediation—Program Management, Con Edison, New York, NY**

Mr. Godick provided technical assistance to Con Edison in developing technical submittals and budgets associated with tank closures at over 50 facilities. Technical summaries were prepared for submittal of contractor-prepared closure reports to the NYSDEC. The summaries included a review of historic pre-closure assessments, tank closure data, and provided recommendations for additional assessment, remediation or closure. Subsequently, a three-year program budget was developed for implementation of the UST investigation/remedial program, which Con Edison utilized for internal budgeting purposes.

**Site Investigation—7 World Trade Center Substation, Con Edison, New York, NY**

Mr. Godick managed the site investigation at the former 7 World Trade Center Substation in an effort to delineate and recover approximately 140,000 gallons of transformer and feeder oil following the collapse of the building. The project involved coordination with several crews, Con Edison, and other site personnel.

**Site Investigation—Former Manufactured Gas Plant (MGP) Facilities, Con Edison, New York, NY**

Mr. Godick managed site investigations at four former manufactured gas plant (MGP) facilities. The investigations were completed at Con Edison substations, a flush pit facility, and a service center to support remedial design and expansion at select locations. The findings from these characterizations were used by Con Edison to make appropriate changes to the design specifications and to plan for appropriate handling of impacted materials and health and safety protocols during future construction activities.

**National Grid – Halesite Manufactured Gas Plant Site Remediation, Town of Huntington, NY**

Mr. Godick managed the remedial design and engineering work associated with remediation of National Grid's former MGP located in the Town of Huntington. The site is situated in a sensitive location along the waterfront, surrounded by commercial and residential properties, and half the property where the remediation was conducted was a steep slope. The remedy consisted of soil removal, oxygen injection, and non-aqueous phase liquid recovery. Mr. Godick was responsible for the development of the remedial work plans, design/construction documents, landscape architecture, confirmatory sampling, air monitoring, supervision, and preparation of closeout documentation in accordance with NYSDEC requirements.

**Verizon, Investigation & Remediation, Various Locations, NY, PA and DE**

Mr. Godick managed over 50 environmental investigations and remediation projects related to petroleum releases at various facilities. Responsibilities included annual budgeting, day-to-day project management, development and implementation of soil and ground water investigation workplans, ground water modeling, risk evaluation, remedial action work plans, remedial design, system installation, waste disposal, well abandonment, and operation and maintenance. Many of the assessment and remedial projects followed a risk-based approach. Remedial technologies implemented included air sparging, soil vapor extraction, bioremediation, pump and treat, soil excavation, and natural attenuation.

**Storage Tank Management, Verizon, Various Locations, NY, PA, DE, and MA**

Mr. Godick managed the removal and replacement of underground and aboveground storage tank systems for Verizon in New York, Pennsylvania, Delaware, and Massachusetts. Responsibilities included the management of design, preparation of specifications, contractor bidding, construction oversight, project budget, and documentation. For selected AST sites, managed the development of Spill Control, Contingency and Countermeasures (SPCC) plans.

**Litigation Support, Cost Recovery Action, Gowanus Superfund Site, New York**

Mr. Godick provided technical support to one of the 40+ potential responsible parties (PRPs) associated with a Federal Superfund site in New York State, which included conducting a liability assessment for the various parties and development of a cost allocation model.

**Litigation Support, Cost Recovery Action, New York State Superfund Site**

Mr. Godick provided technical support for the former owner of a New York State Superfund site in upstate New York. The owner of the property brought a cost recovery action against our client as a PRP. Mr. Godick completed a technical review of the draft Remedial Investigation/Feasibility Study prepared by the opposing party's consultant to develop a more cost effective remedial strategy and to better position the client for liability allocation as part of future settlement negotiations. Mr. Godick also developed a cost allocation report that included a model for settlement negotiations, as well as participated in mediation.

**Litigation Support & Remediation, Former Service Station, Brooklyn, New York**

Mr. Godick took over management of remediation of an inactive service station (formerly conducted by another firm). His approach outlined additional characterization and remediation efforts, which resulted in successful closure of the spill by NYSDEC within two years. Mr. Godick testified as an expert witness at a hearing in the New York State Supreme Court of Kings County to determine the adequacy of the remediation efforts.

**Litigation Support, Cost Recovery Action, Town of Carmel, New York**

Mr. Godick served as an expert witness representing the owner of a property in a landlord-tenant dispute, which was used as a gasoline station and oil change facility. Mr. Godick prepared exhibits, testified, and participated in



meetings with NYSDEC to support the landlord's claim that the oil change tenant's practices were poor and were adversely affecting the environment and the overall facility systems at the site.

**Litigation Support, Cost Recovery Action, New York State Petroleum Spill Site, New York, NY**

Mr. Godick provided technical support for the former owner of a New York City multi-unit residential apartment building. The State of New York brought a cost recovery action against our client as a result of a previous spill from a former underground storage tank. Mr. Godick reviewed invoices and project documentation to dispute work performed by the NYSDEC, which provided the basis for settlement at a fraction of the initial claim.

**Litigation Support, Class Action Lawsuit, Confidential Client, NJ**

Mr. Godick provided technical support for a class action suit involving a petroleum-impacted community water supply in southern New Jersey. The technical assistance included analysis of expert testimony and coordination with legal counsel in preparing for cross-examination of the opposing party's lead expert witness.

**Cost Analysis, Environmental Insurance Claims, Various Locations**

Mr. Godick provided technical support for cost analyses completed for a large national insurance company related to several former MGP and other industrial sites. Responsibilities included evaluation and development of cost-effective remedial strategies, as well as compilation of detailed costs for remedial action implementation and closure.

## **ADRIANNA BOSCO**

### **SENIOR PROFESSIONAL**

Adrianna Bosco is a Senior Professional in AKRF's Site Assessment and Remediation Department. She has experience in navigating redevelopment projects through regulatory requirements under local and state programs. Ms. Bosco has worked closely with projects enrolled in the NYSDEC Brownfield Cleanup Program, the New York City Voluntary Cleanup Program (VCP), and NYSDEC petroleum spills program, from initial stages of investigation and remediation, through site closure and post-remedial management. Ms. Bosco also has experience in preparing Phase I Environmental Site Assessments and Subsurface (Phase II) Investigations, in addition to conducting environmental/construction oversight and the associated reporting elements. Prior to joining AKRF, she worked as an Environmental Scientist for PS&S Engineering, Inc.

### **BACKGROUND**

#### **Education**

B.S., Environmental Engineering, Manhattan College, Bronx, New York, 2011

#### **Licenses/Certifications**

40 Hour OSHA HAZWOPER Certified, September 2011

10 Hour OSHA Construction Program Certified, October 2013

#### **Years of Experience**

Date started at AKRF: July 2014

Prior industry experience: PS&S Engineering, Inc. December 2011 – July 2014 (2 years, 7 months)

### **RELEVANT EXPERIENCE – AKRF**

#### **147-25 94<sup>th</sup> Avenue, Queens, NY**

This historical meat refrigeration facility is enrolled in the Brownfield Cleanup Program to remediate the property and construct a 23-story affordable residential building. Although the site has an E-Designation for hazardous materials, noise, and air quality, AKRF assisted with applying for entry into the NYSDEC Brownfield Cleanup Program, due to the presence of contaminated soil and soil vapor beneath the site. AKRF is providing environmental consulting services throughout the project. As the Deputy Project Manager, Ms. Bosco prepared the Brownfield Cleanup Program application and Remedial Work Plan. Ms. Bosco also managed field activities associated with the Remedial Investigation, to determine the vertical and horizontal extent of on-site contamination. Once construction begins, Ms. Bosco will also manage the on-site remediation and prepare NYSDEC-required submittals and reports.

#### **1888 Bathgate Avenue Redevelopment Site, Bronx, NY**

AKRF is providing environmental consulting services in connection to the investigation and remediation of an approximately 36,000-square foot parcel enrolled in the Brownfield Cleanup Program. This former steel door manufacturing facility is contaminated with chlorinated solvents, including tetrachloroethene. The selected remedy included site-wide excavation of soil and bedrock, continuous air monitoring, collection of post-excavation endpoint samples, and implementation of an in-situ groundwater treatment program. As the Deputy Project Manager for this project, Ms. Bosco is managing various field efforts, including a Remedial Design Investigation to develop the groundwater treatment program and implementation of the Remedial Action Work Plan. Upon



## **ADRIANNA BOSCO**

**SENIOR PROFESSIONAL**

| p. 2

completion of the remediation, Ms. Bosco will prepare the Final Engineering Report and Site Management Plan for submission to the NYSDEC.

### **East Side Coastal Resiliency, Manhattan, NY**

Ms. Bosco served as an Environmental Scientist and conducted a portion of the 2016 subsurface investigation of the 2.5 mile study area from Montgomery Street to East 23<sup>rd</sup> Street. The ESCR subsurface exploration program involved a review of available utility plans and environmental reports involving manufactured gas plant (MGP) and petroleum-related contamination. Responsibilities included groundwater sampling, soil boring and temporary well installation, and compliance with the Supplemental Subsurface Investigation Work Plan.

### **Elton Crossing, Bronx, NY**

AKRF's work includes the implementation of the NYSDEC-approved Remedial Action Work Plan for this former industrial property, including: in-situ testing, off-site transport, the closure of two petroleum spills; the registration, removal, and closure of five petroleum storage tanks encountered during excavation; and the delineation of soil contaminants, including hazardous lead, petroleum, and pesticides. As the Environmental Scientist, Ms. Bosco provided remedial oversight during soil excavation, confirmatory endpoint sampling, SSDS piping installation and inspections, vapor barrier installation, and air monitoring for particulates and volatile organic compounds (VOCs).

### **145 West Street, Greenpoint, Brooklyn, NY**

As the Environmental Scientist and Deputy Project Manager for this project, Ms. Bosco conducted a supplemental remedial investigation, including soil and groundwater sampling, and several rounds of waste characterization soil sampling. Ms. Bosco also performed remedial oversight during activities such as soil excavation and off-site disposal, underground storage tank (UST) removal, SSDS piping installation and testing, and routine air monitoring. Ms. Bosco also aided in the preparation of the Final Engineering Report (FER) and Site Management Plan (SMP).

### **Former Laundry/Dry Cleaning Plant, New York, NY**

Ms. Bosco served as the Environmental Scientist of the only New York State Department of Environmental Conservation's (NYSDEC) listed inactive hazardous waste (State Superfund) site in Manhattan, a former laundry/dry cleaning plant in Harlem. Remedial investigation included evaluation of soil, groundwater, soil vapor, indoor air, and building materials. Interim remediation included the removal of contaminated building materials and operation of an innovative sub-slab vapor extraction system retrofitted into the existing building. As the Environmental Scientist, Ms. Bosco performed remedial action oversight, including SSDS piping installation inspections and Health and Safety Plan (HASP) air monitoring for volatiles and particulates. Remedial action work was completed in 2014 and documented in a Final Engineering Report. NYSDEC issued Certificate of Completion in January 2015 and the site has been reclassified to a "Class 4" site (site properly closed – requires continued management). Ongoing activities continue under the NYSDEC-approved Site Management Plan, including operations, maintenance and monitoring of the SSDS and SVE system.

## **RELEVANT EXPERIENCE – OTHER**

### **PS&S Engineering, Inc. (PS&S), Yonkers, NY**

Before joining AKRF, Ms. Bosco was an Environmental Scientist in the Environmental Department at PS&S. She was responsible for conducting site investigations and providing construction oversight for remediation projects in New York and New Jersey. As a staff scientist, she was responsible for sampling and analysis of various media, preparing technical reports and work plans, and conducting Phase I Environmental Site Assessments.



## **THOMAS GIORDANO**

### **ENVIRONMENTAL SCIENTIST**

Thomas Giordano is an Environmental Scientist in AKRF's Hazardous Materials Department with experience in Phase I Environmental Site Assessment, subsurface remedial investigations, waste characterization sampling, construction oversight and air monitoring.

### **BACKGROUND**

#### **Role in Project**

Field Technician

#### **Education**

Bachelor of Science in Environmental Science and Geography, State University of New York, College at Oneonta, 2015

#### **Certifications**

OSHA 40-hour Health & Safety Training for Hazardous Waste Operations

OSHA 10-hour Construction Training

OSHA 30-hour Construction Training

#### **Years of experience**

Date started at AKRF: June 2015

Prior industry experience: Langan Engineering – Summer 2014 / Winter 2014-2015

### **Notable Experience**

#### **85 Jay Street, Brooklyn, NY**

Ongoing remedial construction (April 2018 – Present) at the 85 Jay Street Site is being conducted under the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP) in the Brooklyn neighborhood of DUMBO. Mr. Giordano serves as the lead on-site environmental monitor for implementation of the Remedial Action Work Plan (RAWP) during earthwork activities and foundation construction. Environmental oversight monitoring includes overseeing soil management and outgoing waste tracking, conducting community air monitoring, collection of water and soil samples, overseeing chemical conditioning of hazardous lead soils and preparing daily reports for submittal to the AKRF and NYSDEC project managers.

#### **Larkin Plaza, Yonkers, NY**

AKRF conducted the investigation and oversaw the remediation of this Site under the NYSDEC BCP in the City of Yonkers, Westchester, NY. Mr. Giordano served as the on-site environmental monitor for implementation of the RAWP during building construction between June 2017 and September 2017. Environmental monitoring included overseeing soil management, conducting community air monitoring, inspecting SSDS installation, and preparing daily reports for submittal to the AKRF and NYSDEC project managers. Mr. Giordano also assisted in preparation of the Final Engineering Report to document the RAWP implementation

#### **145 West Street, Brooklyn, NY**

Investigation and remediation of this Site was conducted under the NYSDEC BCP in the Brooklyn neighborhood of Greenpoint. For this project, Mr. Giordano served as the on-site environmental monitor for implementation of



## **THOMAS GIORDANO**

**ENVIRONMENTAL SCIENTIST** | p. 2

the RAWP during building construction between June 2015 and March 2016. Environmental monitoring included overseeing soil management, conducting community air monitoring, inspecting SSDS installation, and preparing daily reports for submittal to the AKRF and NYSDEC project managers. Mr. Giordano also assisted in preparation of the Final Engineering Report to document the RAWP implementation.

### **271-285 East 138<sup>th</sup> Street, Bronx, NY**

AKRF is oversaw implementation of the NYSDEC-approved RAWP and Site Management Plan (SMP) for this BCP site in the Bronx. Mr. Giordano's responsibilities between June 2016 and March 2017 included conducting waste characterization sampling, oversight of soil management, conducting community air monitoring, and prepared daily reports for submittal to the AKRF and NYSDEC project managers.

### **Langan Engineering and Environmental Services (Summer 2014, Winter 2015)**

As an environmental intern at Langan, Mr. Giordano was exposed to all phases of the environmental remediation process. He assisted with Phase I property inspections and Phase II waste characterization, including at the Long Island College Hospital and several residential sites. In addition, Mr. Giordano was on-site to conduct construction-phase remedial oversight for several projects, including a former manufactured gas plant (MGP) site and the Hudson Yards project. For these projects he participated in setting up the Community Air Monitoring Programs as well as conducting endpoint soil and groundwater sampling.

## **TARA SIMMONS**

### **ENVIRONMENTAL ENGINEER**

Tara Simmons is an environmental engineer in AKRF's hazardous materials department with experience in soil, groundwater, and soil vapor sampling, and construction monitoring and oversight. Ms. Simmons' technical skills include Mathworks MATLAB, SolidWorks, R and C Programming, JMP Pro 12, and Microsoft Office.

### **BACKGROUND**

#### **Education**

B.E., Thayer School of Engineering, Hanover, NH, 2017

B.A., Engineering Sciences modified with Environmental Sciences, Dartmouth College, Hanover, NH, 2017

#### **Professional Memberships**

Society of Women Engineers

#### **Certifications**

OSHA 40-hour Health & Safety Training for Hazardous Waste Operations, September 2017

OSHA 10-hour Health & Safety Training for Hazardous Waste Operations, October 2017

North Respirator Training, September 2017

Amtrak Contractor Orientation, October 2017

#### **Years of Experience**

Year started in company: 2017

Year started in industry: 2017

### **RELEVANT EXPERIENCE – AKRF**

#### **Larkin Plaza, Yonkers, NY – Remedial Investigation, Construction Oversight**

AKRF was hired to perform a Remedial Investigation to support the Brownfield Cleanup Program application submitted for this property, and to prepare a Remedial Action Work Plan (RAWP). Ms. Simmons served as an on-site environmental monitor to ensure the appropriate execution of the RAWP, to conduct community and work zone air monitoring, to oversee excavation and export of soil, and to oversee the extraction and removal of an Underground Storage Tank (UST). Ms. Simmons collected endpoint soil samples as well as conducted monthly water samples from the dewatering system installed onsite during the duration of her work on the project.

#### **HSS Esplanade, Manhattan, NY – Subsurface Investigation**

Ms. Simmons collected soil samples in the course of a subsurface investigation in which AKRF was hired to determine whether subsurface conditions met required standards for the final installation of waterfront landscaping elements at this newly redeveloped hospital.

#### **Home Depot Rego Park, Queens, NY – Environmental Monitoring**

Environmental monitoring of contaminated groundwater and remedial wells is being quarterly conducted.. AKRF completed Phase 1 and Phase II Environmental Assessments, and installed remedial wells throughout the site. Ms. Simmons conducted groundwater sampling for quarterly reporting.

#### **Lambert Houses Parcel 3A, Bronx, NY – Remedial Investigation, Construction Oversight**



## **TARA SIMMONS**

**ENVIRONMENTAL ENGINEER** | p. 2

Redevelopment of former residential properties was being conducted. AKRF completed Phase I and Phase II Environmental Assessments and a Remedial Action Work Plan (RAWP) to address subsurface contamination during redevelopment. After conducting waste characterization, Ms. Simmons collected soil and non-aqueous liquid samples for fingerprint analysis, oversaw excavation and export of soil, oversaw vacuuming of contaminated non-aqueous liquid from installed piles, and conducted community and work zone air monitoring. During the remedial excavation process, Ms. Simmons delineated the extent of the spill onsite and collected endpoint samples for verification.

### **1043 Fulton Street, Brooklyn, NY – Construction Oversight**

Redevelopment of former residential properties was being conducted. AKRF completed Phase 1 and Phase II Environmental Assessments. Ms. Simmons conducted community and work zone air monitoring, and oversaw excavation and export of soil.

### **11 Greene Street, Manhattan, NY – Construction Oversight**

Redevelopment of former residential properties was being conducted. AKRF completed Phase 1 and Phase II Environmental Assessments. Ms. Simmons conducted community and work zone air monitoring, and oversaw excavation and export of soil.

### **St. John Villa, Staten Island, NY – Phase II Environmental Site Investigation**

AKRF conducted a Phase II Environmental Site Investigation to determine whether subsurface conditions within a St John Villa campus required remediation before an acquisition by the NYC School Construction Authority. Ms. Simmons helped collect onsite sub-slab soil vapor samples at locations throughout the St John Villa campus.

### **NYU Kimmel, Manhattan, NY – Construction Oversight**

Ms. Simmons served as an on-site environmental monitor who oversaw excavation and the installation of municipal separate stormwater system elements.

### **Manhattan West Southeast Tower, Manhattan, NY – Construction Oversight**

Reconstruction of Amtrak and NJ Transit properties was being conducted. AKRF completed Phase 1 and Phase II Environmental Assessments. Ms. Simmons conducted work zone air monitoring, and oversaw excavation and export of bedrock.

# **TARA SIMMONS**

**ENVIRONMENTAL ENGINEER** | p. 3

## **PAST EXPERIENCE**

### **The East Harlem School at Exodus House, Manhattan, NY**

While at a previous employer, Ms. Simmons served as a Teaching Intern, where she:

- Developed a curriculum for and facilitated 7th grade Wildlife Habitat Evaluation Science class
- Taught a pre-algebra course and co-taught a film studies class that focused on demystifying social issues

### **FreePlay: Interactive Play Structures, Mendham, NJ**

While at a previous employer, Ms. Simmons served as a Marketing Intern, where she:

- Created a database of playground equipment distributors throughout US
- Designed a Request for Information and Request for Proposal while initiating contact with 140 companies selected from the database

### **Informulary, Lebanon, NH**

While at a previous employer, Ms. Simmons served as a Data Analyst Intern, where she:

- Researched FDA approved drugs, reviewing clinical trials and rewriting drug-specific information into a consumer friendly DRUG FACTS BOX <sup>TM</sup>

### **Dartmouth College Reunions, Hanover, NH**

While at a previous employer, Ms. Simmons served as an Event Management Assistant, where she:

- Served as Toddler Program Assistant, Dorm Monitor, and Head Bartender
- Coordinated with Dartmouth Alumni in event planning, set-up and take-down

## **LEADERSHIP AND SERVICE**

### **Alpha Phi (Iota Kappa Chapter), Hanover NH**

Ms. Simmons served as Director of Chapter Events, where she:

- Collaborated with senior administrators of Greek houses on Dartmouth campus to plan and manage educational events
- Worked with the Executive Council and Greek Life Office to oversee ~20 events per term

### **The Memorial Challenge, Hanover NH**

Ms. Simmons served as Team Leader, Social Media Coordinator, where she:

- Developed comprehensive social media strategy to market fundraising memorial event in honor of student athletes, resulting in >500 participants

### **North Carolina 4-H, Wayne County NC**

Ms. Simmons served as Junior Leader, where she:

- Served in an advisory capacity to county 4-H'ers by teaching team-building exercises
- Coordinated County Council public relations and media



**APPENDIX E**  
**SITE MANAGEMENT/INSPECTION FORMS**

**SITE-WIDE INSPECTION FORM**  
**WEST 29<sup>TH</sup> STREET**  
**601 WEST 29<sup>TH</sup> STREET, NEW YORK, NEW YORK**

**Inspector:**

**Date:**

**1. Site Use Restrictions**

No on-site vegetable gardens?

No groundwater withdrawal for potable/non-potable use?

Restricted-residential use maintained?

**2. Site Cap**

Note the date that the annual site cap inspection was performed:

Repairs made as noted during inspection?

**3. Soil Management**

Note the date(s) of any soil disturbance activities conducted during the past year:

Proper soil management procedures implemented (cite appropriate close-out reports)?

**4. Recordkeeping**

Check that the following records/reports are being maintained/completed (note report/log dates as appropriate):

1) Annual site cap inspection log:

2) Close-out report(s) for soil disturbance activities (including manifests for soil disposal):

**5. Comments**

**APPENDIX F**  
**RESPONSIBILITIES OF THE OWNER AND REMEDIAL PARTY**

## **Responsibilities**

The responsibilities for implementing the Site Management Plan (SMP) for the Track 4 portion of the West 29<sup>th</sup> Street site (the “Controlled Property”) for BCP number C231107 are divided between the Controlled Property owner and a Remedial Party, as defined below. The owner is currently listed as:

West Side 11<sup>th</sup> & 29<sup>th</sup> LLC  
% Marjorie E. Nesbitt  
445 Park Avenue  
New York, NY 10022

**Solely for the purposes of this document and based upon the facts related to a particular site and the remedial program being carried out,** the term Remedial Party (RP) refers to any of the following: Certificate of Completion holder, Volunteer, Applicant, Responsible Party, and, in the event the New York State Department of Environmental Conservation (NYSDEC) is carrying out remediation or site management, the NYSDEC and/or an agent acting on its behalf. The RP is:

DD West 29<sup>th</sup> LLC  
% Douglaston Development  
7 Penn Plaza, 6<sup>th</sup> Floor  
New York, NY 10001

Nothing on this page shall supersede the provisions of an Environmental Easement, Consent Order, Consent Decree, agreement, or other legally binding document that affects rights and obligations relating to the Controlled Property.

### **Controlled Property Owner’s Responsibilities:**

- 1) The owner shall follow the provisions of the SMP as they relate to future construction and excavation at the Controlled Property.
- 2) In accordance with a periodic time frame determined by the NYSDEC, the owner shall periodically certify, in writing, that all Institutional Controls set forth in an Environmental Easement, remain in place and continue to be complied with. The owner shall provide a written certification to the RP, upon the RP’s request, in order to allow the RP to include the certification in the Controlled Property’s Periodic Review Report (PRR) certification to the NYSDEC.
- 3) In the event the Controlled Property is delisted, the owner remains bound by the Environmental Easement and shall submit, upon request by the NYSDEC, a written certification that the Environmental Easement is still in place and has been complied with.
- 4) The owner shall grant access to the Controlled Property to the RP and the NYSDEC and its agents for the purposes of performing activities required under the SMP and assuring compliance with the SMP.
- 5) The owner is responsible for assuring the security of the remedial components located on its property to the best of its ability. In the event that damage to the remedial components or vandalism is evident, the owner shall notify the Controlled Property’s RP and the NYSDEC in accordance with the timeframes indicated in Section 1.4 – Notifications.
- 6) In the event some action or inaction by the owner adversely impacts the Controlled Property, the owner must notify the site’s RP and the NYSDEC in accordance with the time frame indicated in Section 1.4 – Notifications and (ii) coordinate the performance of necessary corrective actions with the RP.
- 7) The owner must notify the RP and the NYSDEC of any change in ownership of the Controlled Property (identifying the tax map numbers in any correspondence) and provide contact information for the new owner of the Controlled Property. 6 NYCRR Part 375 contains notification requirements applicable to any construction or activity changes and changes in ownership. Among the notification requirements is the following: Sixty days prior written notification must be made to the NYSDEC. Notification is to

be submitted to the NYSDEC Division of Environmental Remediation's Site Control Section. Notification requirements for a change in use are detailed in Section 2.4 of the SMP. A 60-Day Advance Notification Form and Instructions are found at <http://www.dec.ny.gov/chemical/76250.html>.

- 8) In accordance with the tenant notification law, within 15 days of receipt, the owner must supply a copy of any vapor intrusion data, that is produced with respect to structures and that exceeds NYSDOH or OSHA guidelines on the Controlled Property, whether produced by the NYSDEC, RP, or owner, to the tenants on the property. The owner must otherwise comply with the tenant and occupant notification provisions of Environmental Conservation Law Article 27, Title 24.

### **Remedial Party Responsibilities**

- 1) The RP must follow the SMP provisions regarding any construction and/or excavation it undertakes at the Controlled Property.
- 2) The RP shall report to the NYSDEC all activities required for remediation, operation, maintenance, monitoring, and reporting. Such reporting includes, but is not limited to, Periodic Review Reports and certifications, electronic data deliverables, corrective action work plans and reports, and updated SMPs.
- 3) Before accessing the Controlled Property to undertake a specific activity, the RP shall provide the owner advance notification that shall include an explanation of the work expected to be completed. The RP shall provide to (i) the owner, upon the owner's request, (ii) the NYSDEC, and (iii) other entities, if required by the SMP, a copy of any data generated during the Controlled Property visit and/or any final report produced.
- 4) If the NYSDEC determines that an update of the SMP is necessary, the RP shall update the SMP and obtain final approval from the NYSDEC. Within 5 business days after NYSDEC approval, the RP shall submit a copy of the approved SMP to the owner(s).
- 5) The RP shall notify the NYSDEC and the owner of any changes in RP ownership and/or control and of any changes in the party/entity responsible for the operation, maintenance, and monitoring of and reporting with respect to any remedial system (Engineering Controls). The RP shall provide contact information for the new party/entity. Such activity constitutes a Change of Use pursuant to 375-1.11(d) and requires 60-days prior notice to the NYSDEC. A 60-Day Advance Notification Form and Instructions are found at <http://www.dec.ny.gov/chemical/76250.html>.
- 6) The RP shall notify the NYSDEC of any damage to or modification of the systems as required under Section 1.4 – Notifications of the SMP.
- 7) Prior to a change in use that impacts the remedial system or requirements and/or responsibilities for implementing the SMP, the RP shall submit to the NYSDEC for approval an amended SMP.
- 8) Any change in use, change in ownership, change in Controlled Property classification (*e.g.*, delisting), reduction or expansion of remediation, and other significant changes related to the Controlled Property may result in a change in responsibilities and, therefore, necessitate an update to the SMP and/or updated legal documents. The RP shall contact the Department to discuss the need to update such documents.

Change in RP ownership and/or control and/or Controlled Property ownership does not affect the RP's obligations with respect to the site unless a legally binding document executed by the NYSDEC releases the RP of its obligations.

Future Controlled Property owners and RPs and their successors and assigns are required to carry out the activities set forth above.

**APPENDIX G**  
**MAY 2022 GROUNDWATER MONITORING REPORT**

# **WEST 29<sup>th</sup> STREET**

**601 WEST 29<sup>TH</sup> STREET**

**NEW YORK, NEW YORK**

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## **Groundwater Monitoring Report**

**NYSDEC Site Number: C231107**

**AKRF Project Number: 170087**

### **Prepared for:**

NYSDEC  
625 Broadway  
Albany, New York 12233

### **On Behalf of:**

DD West 29<sup>th</sup> LLC  
% Douglaston Development  
Seven Penn Plaza, 6<sup>th</sup> Floor  
New York, New York 10001

### **Prepared by:**



**AKRF, Inc.**

440 Park Avenue South, 7<sup>th</sup> Floor  
New York, New York 10016  
212-696-0670

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**MAY 2022**

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Appendix D	Groundwater Sampling Logs
Appendix E	Laboratory Analytical Data Reports and DUSRs
Appendix F	IDW Disposal Manifest
Appendix G	Air Monitoring Logs



## **CERTIFICATION**

I, Marc Godick, LEP, certify that I am currently a Qualified Environmental Professional (QEP), as defined in 6 NYCRR Part 375, and that this Groundwater Monitoring Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10), and that all activities were performed in full accordance with the DER-approved work plans, work plan addenda, and any DER-approved modifications.

Marc Godick, LEP  
\_\_\_\_\_  
Qualified Environmental  
Professional

5/6/2022  
\_\_\_\_\_  
Date



\_\_\_\_\_  
Signature

## **1.0 INTRODUCTION**

This Groundwater Monitoring Report was prepared on behalf of DD West 29<sup>th</sup> LLC (the “Volunteer”) by AKRF, Inc. (AKRF) to document post-remedial groundwater monitoring conducted at the West 29<sup>th</sup> Street Site located at 601 West 29<sup>th</sup> Street in Manhattan, New York (hereinafter referred to as the “Site”). The Site is enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) under Site ID C231107.

The approximately 1.13-acre Site is identified as Block 675, Lot 12 (formerly lots 12, 29, and 26, but was merged into one lot in 2018). A Site location map is provided as Figure 1, and a Site Plan is shown on Figure 2. The Site is bounded by West 30<sup>th</sup> Street, bordered by construction associated with the Hudson Yards redevelopment district and the aboveground High Line to the north; West 29<sup>th</sup> Street, bordered by a Con Edison parking and office facility to the south; 11<sup>th</sup> Avenue, bordered by residential and commercial uses to the east; and a vacant lot and private parking facility, bordered by 12<sup>th</sup> Avenue and Hudson River Park to the west.

A Final Engineering Report (FER) detailing Site remedial activities was prepared by AKRF and approved by NYSDEC in December 2020. A Certificate of Completion (CoC) was issued on December 29, 2020. Ongoing Site management activities are being performed in accordance with the NYSDEC-approved Site Management Plan (SMP) dated December 2020. As outlined in the SMP, groundwater monitoring is required to demonstrate post-remedial bulk reduction of volatile organic compound (VOC) contaminants in groundwater in comparison to pre-remedial conditions. A Groundwater Monitoring Plan was submitted to NYSDEC and approved in February 2021. The plan outlined the well installation methods, sampling procedures, and frequency, to demonstrate achievement of the remedial goals for groundwater in the former gas station lot, which is located within the northeastern portion of the Track 1 cleanup area of the Site.

## **2.0 BACKGROUND**

### **2.1 Site History**

According to the New York City Department of Buildings records and historical sources (i.e., fire insurance maps, and city directories), the Site has been used for industrial, automotive, and commercial purposes since the late 1800s. The Site was developed with a lumber yard and an auto house as early as 1890. Between approximately 1911 and 1930, former Lot 12 was developed additionally with a smelting and refining works. An asbestos distribution warehouse, freight/transportation businesses, and several gasoline tanks were shown up until the late 1970s. A facility for the City of New York Department of Sanitation (DSNY) was constructed by 1994.

The southeastern portion of the site (former Lot 29) was developed with an iron works between 1890 and 1899, and later replaced by a woodworking and scenery manufacturer in 1911. By 1950, the lot was occupied by Express Depot and contained gasoline tanks. Lot 29 remained relatively unchanged through the late 1980s when it was shown as commercial uses. An art gallery was identified as early as 2002.

The northeastern portion of the Site (former Lot 36) was occupied historically by a lumber yard and wagon yard up until approximately 1927, when a gasoline station was located on the lot. The addition of an auto repair shop was noted in the 1950s. The gasoline station and auto repair were decommissioned in January 2018.

All former Site buildings were demolished by early 2019, prior to the start of remedial excavation in July 2019.

## **2.2 Nature and Extent of Contamination Prior to Remediation**

Previous investigation conducted between 2017 and 2019 identified subsurface soil with concentrations of petroleum-related VOCs including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, n-propylbenzene, and xylenes, polycyclic aromatic hydrocarbons (PAHs), pesticides, polychlorinated biphenyls (PCBs), and metals (arsenic, barium, cadmium, copper, hexavalent chromium, lead, mercury, nickel, silver, and zinc) above the NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and/or Restricted Residential Soil Cleanup Objectives (RRSCOs). Petroleum-related VOCs, PAHs, and metals were detected in groundwater samples at concentrations above the Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs). Petroleum- and solvent-related VOCs were detected in soil vapor.

## **2.3 Completed Remedial Activities**

In accordance with AKRF's NYSDEC-approved Remedial Action Work Plan (RAWP) dated May 2019 and the Decision Document dated July 2019, the Site was remediated to split Track 1 UUSCOs and Track 4 Site-Specific Soil Cleanup Objectives (SSSCOs). The cleanup track areas are shown on Figure 2.

During implementation of the RAWP, remedial excavation was conducted in the former gas station lot down to 15 to 18 feet below grade, with limited excavation down to 20 feet below grade for hotspots. Post-excavation endpoint soil samples were collected at the final remedial depths, which met the Track 1 UUSCOs, except for some elevated acetone hits. Acetone was not a Contaminant of Concern for the Site. As part of the remedial excavation activities, dewatering was conducted from the period of October 2019 through February 2020, and a total of 311,460 gallons were extracted from the subsurface. The extracted water was treated with activated carbon and discharged to the combined sewer in accordance with a New York City Department of Protection (NYCDEP) sewer discharge permit. During the latter part of dewatering activities, field evidence of petroleum contamination in soil and groundwater [e.g., odors, sheen, elevated photoionization detector (PID) readings] were no longer observed in the northeastern portion of the Site. Sampling of the extracted groundwater from the dewatering system (influent – without carbon treatment) was conducted on February 3, 2020 in accordance with the NYCDEP sewer discharge requirements. The sampling indicated that VOCs were not detected in the influent sample. A complete summary of the remedial activities is provided in the December 2020 FER.

The support of excavation (SOE) system used to construct the foundation included driving permanent interlocking steel sheeting to bedrock (depths of approximately 40 to 60 feet below grade) along the entire perimeter of the building to create a "bathtub" for excavation and dewatering for the foundation. The foundation was then constructed with a waterproofed pressure slab approximately 5 feet below the water table and sidewalls built up against the steel sheeting. Most of the gaps between the sheeting and the sidewalls were then filled with "flowable fill," a low-strength concrete. However, some gaps between foundation sidewalls and steel sheeting were not filled, which provided an opportunity to install monitoring wells as described in Section 3.0 below.

## **3.0 GROUNDWATER MONITORING FIELD ACTIVITIES**

### **3.1 Groundwater Monitoring Well Installation**

In accordance with the February 2021 Groundwater Monitoring Plan and in consultation with NYSDEC, three 1-inch diameter permanent groundwater monitoring wells were installed along the northern and eastern boundaries of the former gas station lot. The wells were installed within the

interior of the steel sheeting installed for the foundation between the gaps of the SOE sheeting and foundation sidewalls as shown on Figure 3.

Between April 15 and 23, 2021, Aquifer Drilling & Testing (ADT) of Mineola, New York installed the wells using a Geoprobe™ direct-push drill rig. The wells were constructed with 10 feet of 1-inch diameter 0.02-inch slotted polyvinyl chloride (PVC) pre-packed well screen set approximately 5 feet below the water table and 5 feet above the water table, which was encountered within the borings between 15 to 16 feet below grade, and a 1-inch diameter solid PVC riser installed to surface grade. Bentonite was installed above the sandpack followed by a non-shrinking grout/cement mixture to approximately one foot below grade. Each of the wells were finished with a stickup protective casing and locking j-plug.

Well construction logs are provided in Appendix A.

### **3.2 Groundwater Monitoring Well Development**

Following installation, each groundwater monitoring well was developed via pumping and surging with a peristaltic pump affixed with dedicated tubing to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Development water was monitored with a Horiba U-52 water quality meter during development. The goal of well development was to reduce turbidity within the well until less than 50 nephelometric turbidity units (NTUs) for three successive readings, and until water quality indicators [pH, temperature, oxidation reduction potential (ORP), dissolved oxygen, and specific conductivity] stabilized to within 10% for three successive readings. All purged groundwater was containerized in New York State Department of Transportation (NYSDOT)-approved 55-gallon drums for off-site disposal. Investigation-derived waste (IDW) is discussed in Section 3.5.

Groundwater monitoring well development logs are provided in Appendix B.

### **3.3 Groundwater Monitoring Well Elevation and Location Survey**

On April 30, 2021, all groundwater monitoring wells were surveyed by Fehringer Surveying, P.C. of Seaford, New York, a New York State-licensed surveyor. Elevation measurements were taken at-grade and on the north side of the top of the PVC casing at each of the groundwater monitoring wells. Horizontal and vertical datum were tied to the North American Vertical Datum of 1988 (NAVD88). The groundwater elevations on April 30, 2021 ranged from -1.24 to -0.72 feet NAVD. Based on the surveyed elevations, groundwater flows in a northerly direction beneath the eastern portion of the Site.

The locations of the groundwater monitoring wells and elevation contour map are shown on Figure 3. The groundwater monitoring well elevation survey for the Site is provided as Appendix C.

### **3.4 Quarterly Groundwater Sampling**

Quarterly groundwater sampling was conducted by AKRF in April 2021, July 2021, October 2021, and January 2022. Groundwater samples were collected from the three monitoring wells in accordance with EPA low-flow sampling methodology and the February 2021 Groundwater Monitoring Plan. Groundwater samples were collected using dedicated and decontaminated sampling equipment. Sampling logs are included in Appendix D.

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured at each of the groundwater monitoring wells using an oil/water interface probe attached to a measuring tape accurate to 0.01 foot. Separate phase product was not detected in the groundwater monitoring wells during installation, purging, or sampling. Purging of the wells continued with a submersible pump until at least three well volumes were removed, groundwater

was visibly clear, and water quality indicators stabilized. All purge water from the groundwater monitoring wells was containerized in labeled, NYSDOT-approved 55-gallon drums for off-site disposal at a permitted facility. Disposal of IDW is further discussed in Section 3.5.

Groundwater samples collected during each event were submitted to Eurofins TestAmerica, Inc. (TestAmerica) of Edison, New Jersey, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory, for analysis of the NYSDEC Final Commissioner Policy (CP-51) VOCs by EPA Method 8260, using Category B deliverables.

#### **3.4.1 Quality Assurance/Quality Control Sampling**

For Quality Assurance/Quality Control (QA/QC) purposes, one field blank, one trip blank, one matrix spike/matrix spike duplicate (MS/MSD), and one blind duplicate sample were submitted for laboratory analysis during each event. QA/QC samples were analyzed for CP-51 VOCs.

All groundwater laboratory data, including QA/QC samples, were analyzed by TestAmerica. The third-party data validation was performed by L.A.B. Validation Corp., of East Northport, New York, and reported in Data Usability Summary Reports (DUSRs). Laboratory analytical data sets and DUSRs are provided in Appendix E.

##### Data Validation

The DUSRs concluded that the overall assessment of the data generated was of acceptable quality. The data were determined to be acceptable for use with the laboratory qualifiers; no qualifiers were changed or added to the data.

### **3.5 Management of Investigation-Derived Waste (IDW)**

Handling of IDW and backfilling of boreholes was conducted in accordance with Section 3.3(e) of DER-10. Soil cuttings generated during well installation and all development and purge water from the investigation was containerized in NYSDOT-approved 55-gallon drums.

The drums were sealed at the end of each workday and labeled with the date, the well number, the type of waste (i.e., drill cuttings, decontamination fluids, development water, or purge water) and the name of an AKRF point-of-contact. All drums were labeled “pending analysis” until laboratory data became available. One drum containing soil cuttings and one drum containing development and purge water were disposed of off-site as non-hazardous waste at Clean Water of New York, Inc., in State Island, New York, by Eastern Environmental Solutions, Inc. on January 13, 2022, in accordance with applicable regulations. The fully executed IDW disposal manifest is included as Appendix F.

### **3.6 Health and Safety**

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements. The field activities described in this report were also performed in general accordance with the Site-specific Health and Safety Plan (HASP) dated June 2020.

#### **3.6.1 Air Monitoring**

In accordance with the Groundwater Monitoring Plan, work zone air monitoring was conducted using handheld roving equipment. Air monitoring was conducted during all

ground intrusive activities and measured levels of VOCs and particulates. No exceedances of the action levels were detected in the work zones.

Air monitoring logs are provided in Appendix G.

## 4.0 GROUNDWATER CHEMISTRY

Between April 2021 and January 2022, four rounds of groundwater samples were collected for laboratory analysis from monitoring wells MW-01, MW-02, and MW-03 (for a total of 12 samples). Groundwater sample analytical results for VOCs were compared to the NYSDEC AWQSGVs for Class GA groundwater. These standards are drinking water standards, although groundwater in Manhattan is not used as a source of potable water. An evaluation was also completed to determine whether the results show bulk reduction of groundwater concentrations in the area of the former gas station lot when compared to pre-remedial conditions.

### 4.1 Post-Remedial Groundwater Conditions

Across the four sampling events, the compounds benzene, cymene, ethylbenzene, m,p-xylenes, o-xylene, and/or toluene were detected in the groundwater samples at concentrations above the Class GA AWQSGVs. In April 2021, concentrations above the AWQSGVs ranged from 1.5 micrograms per liter (µg/L) (benzene in sample MW-01\_20210430) to 69 µg/L (m,p-xylene in sample MW-01\_20210430).

As shown in Table A, VOC concentrations significantly decreased from April 2021 through January 2022 in monitoring well MW-01, with low levels of benzene, ethylbenzene, m,p-xylenes, and o-xylenes detected at concentrations ranging from 0.45 to 4.5 µg/L, below their respective AWQSGVs.

**Table A**  
**MW-01 Quarterly VOC Exceedances**

Sample ID		MW-01_20210430	MW-01_20210712	MW-X_20210712	MW-01_20211008	MW-01_20220107	MW-X_20220107
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	AWQSGV µg/L						
Benzene	1	1.5	1 U	1 U	1.4	0.45 J	0.46 J
Cymene	5	6.2	1 U	1 U	0.71 J	1 U	1 U
Ethylbenzene	5	25	0.6 J	0.5 J	6.5	3.5	3.8
M,P-Xylenes	5	69	1.5	1.2	2.9	3.5	3.9
O-Xylene	5	29	0.87 J	0.77 J	2.7	4.5	4.9
Notes: µg/L: microgram per liter J: The concentration given is an estimate value U: The analyte was not detected at the indicated concentration Exceedances of the NYSDEC Class GA AWQSGVs are shown in <b>bold</b> font MW-X_20210712 is a blind duplicate of MW-01_20210712 MW-X_20220107 is a blind duplicate of MW-01_20220107							

As shown in Table B, concentrations of benzene, ethylbenzene, m,p-xylenes, o-xylene, and toluene were detected at concentrations up to 25 µg/L above the AWQSGVs during the first two sampling events in April and July 2021. In October 2021 and January 2022, VOC concentrations decreased and benzene was detected at concentrations of 5.5 µg/L and 3.9 µg/L, respectively, above the

AWQSGV of 1 µg/L. No other VOCs were detected above the AWQSGVs during the October 2021 and January 2022 sampling events.

**Table B**  
**MW-02 Quarterly VOC Exceedances**

Sample ID		MW-02_20210430	MW-X_20210430	MW-02_20210712	MW-02_20211008	MW-X_20211008	MW-02_20220112
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	AWQSGV µg/L						
Benzene	1	3.7	3.7	2.5	5.5	5.6	3.9
Ethylbenzene	5	7.2	7.3	8.2	1 U	1 U	1 U
M,P-Xylenes	5	25	27	14	0.34 J	0.38 J	1 U
O-Xylene	5	10	11	9.5	1 U	1 U	1 U
Toluene	5	3	3.2	7.2	1 U	1 U	1 U
Notes: µg/L: microgram per liter J: The concentration given is an estimate value U: The analyte was not detected at the indicated concentration Exceedances of the NYSDEC Class GA AWQSGVs are shown in <b>bold</b> font MW-X_20210430 is a blind duplicate of MW-02_20210430 MW-X_20211008 is a blind duplicate of MW-02_20211008							

As shown in Table C, cymene was detected above the AWQSGV of 5 µg/L at concentrations ranging from 6.8 to 26 µg/L. Although concentrations decreased, they remained relatively consistent during the last two sampling events in October 2021 and January 2022.

**Table C**  
**MW-03 Quarterly VOC Exceedances**

Sample ID		MW-03_20210430	MW-03_20210712	MW-03_20211008	MW-03_20220107
Unit		µg/L	µg/L	µg/L	µg/L
Compound	AWQSGV µg/L				
Cymene	5	26	6.8	12	15
Notes: µg/L: microgram per liter Exceedances of the NYSDEC Class GA AWQSGVs are shown in <b>bold</b> font.					

## 4.2 Comparison to Pre-Remedial Conditions

Post-remedial groundwater sample analytical results were compared to groundwater samples collected near the former gas station lot during spill monitoring by ARCADIS of New York, Inc. (ARCADIS) in 2014 and the 2018 Remedial Investigation (RI) conducted by AKRF. Table D summarizes the maximum concentration for compounds that exceed the AWQSGVs during each sampling event. Petroleum-related VOCs were detected in groundwater at concentrations up to 1,900 µg/L in 2014. During the 2018 RI, isopropylbenzene, methyl-tert butyl ether (MTBE), m,p-xylenes, naphthalene, o-xylene, and toluene were detected at elevated concentrations up to 75 µg/L, above their respective AWQSGVs. By October 2021 and through January 2022, these compounds were not detected at concentrations above the AWQSGVs. Furthermore, during the January 2022 sampling event, only benzene and cymene were detected at relatively low concentrations, but above the AWQSGVs (3.9 µg/L and 15 µg/L, respectively).

**Table D**  
**Pre- and Post-Remedial Groundwater Exceedances**

Compound	Maximum Historic Groundwater Results (April/July 2014) µg/L	Maximum RI Groundwater Results (July 2018) µg/L	Maximum Post- Remedial Groundwater Results (April 2021) µg/L	Maximum Post- Remedial Groundwater Results (July 2021) µg/L	Maximum Post- Remedial Groundwater Results (October 2021) µg/L	Maximum Post- Remedial Groundwater Results (January 2022) µg/L
<b>Benzene</b>	950	21	3.7	2.5	5.6	3.9
<b>Cymene</b>	NA	NA	26	6.8	12	15
<b>Ethylbenzene</b>	1,900	21	25	8.2	6.5	NE
<b>Isopropylbenzene</b>	NA	8.7	NE	NE	NE	NE
<b>MTBE</b>	NA	32	NE	ND	NE	NE
<b>M,P-Xylenes</b>	NA	75	69	14	NE	NE
<b>Naphthalene</b>	NA	11	NE	NE	NE	NE
<b>O-Xylene</b>	NA	24	29	9.5	NE	NE
<b>Toluene</b>	240	5.8	NE	NE	NE	NE
Notes: NA = Not analyzed ND = Not detected NE = No exceedance above the AWQSGVs						



## **5.0 CONCLUSIONS AND RECOMMENDATIONS**

Overall, post-remedial results indicate that there is no significant groundwater contamination beneath the Site and reflect a bulk reduction in VOC concentrations compared to pre-remedial conditions. The four rounds of groundwater monitoring indicate that the VOC concentrations are stable and demonstrate a decreasing trend. Based upon comments received from the NYSDEC and NYSDOH in correspondence dated April 29, 2022, an additional round of groundwater monitoring will be conducted in either May or June 2022. Based upon the results of this additional round of groundwater monitoring, the Volunteer may request approval from NYSDEC to discontinue groundwater monitoring at the Site.

## FIGURES



440 Park Avenue South, New York, NY 10016

**601 West 29<sup>th</sup> Street**  
Manhattan, New York

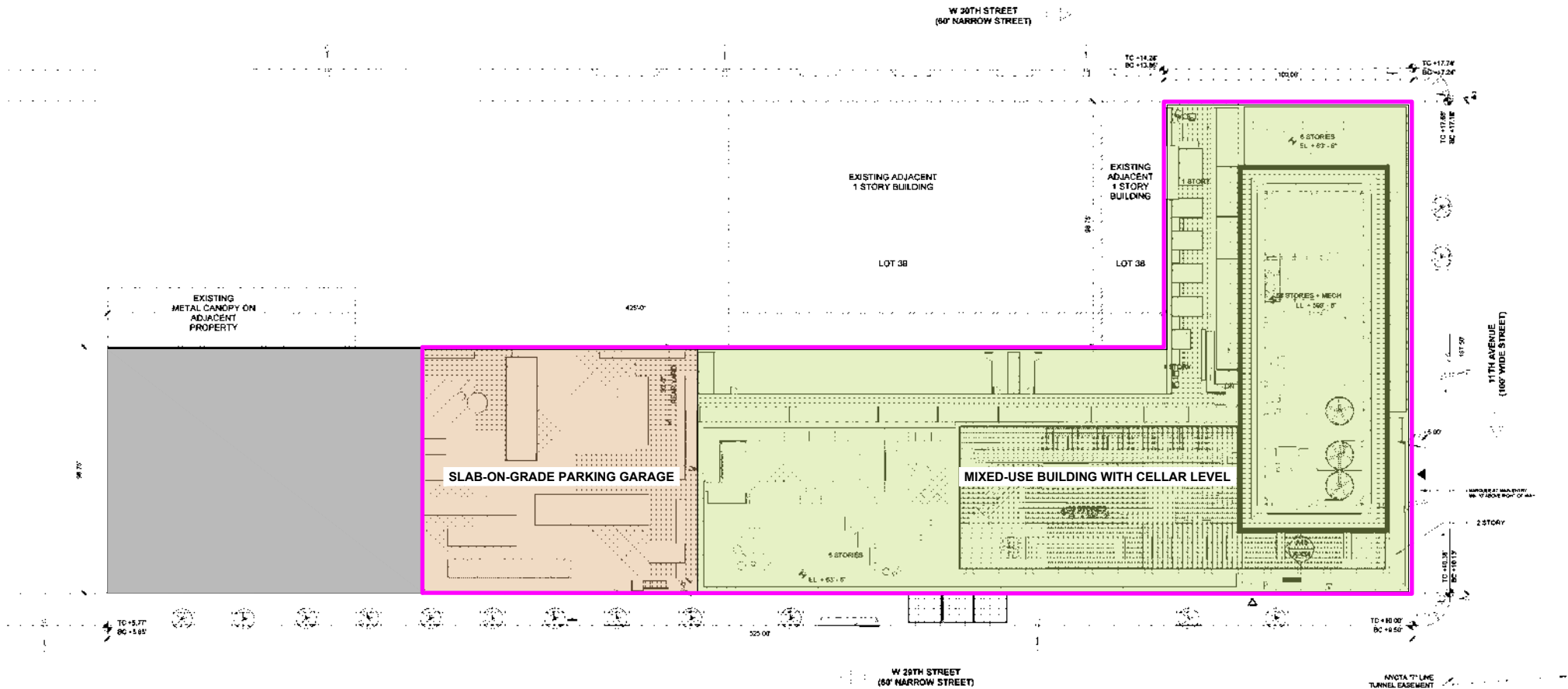
**BCP SITE LOCATION**

DATE	<b>8/25/2020</b>
PROJECT NO.	<b>170087</b>
FIGURE	<b>1</b>

©2020 AKRF, Inc. W:\Projects\170087 - DD WEST 29TH STREET\Technical\Hazmat\SMP\CAD\170087 Fig 2 Site Plan.dwg last save: Mveilleux 6/2/2020 11:36 AM

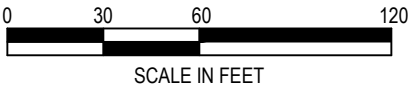
SOURCE:

FXCOLLABORATIVE ARCHITECTS "SITE PLAN, ABBREVIATIONS & SYMBOLS", DRAWING No. A-001, DATED 11-17-17 (CD PROGRESS SUBMISSION 09-21-2018).



LEGEND

- BCP SITE BOUNDARY
- TRACK 1 CLEANUP AREA
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)



601 West 29<sup>th</sup> Street  
Manhattan, New York

SITE PLAN



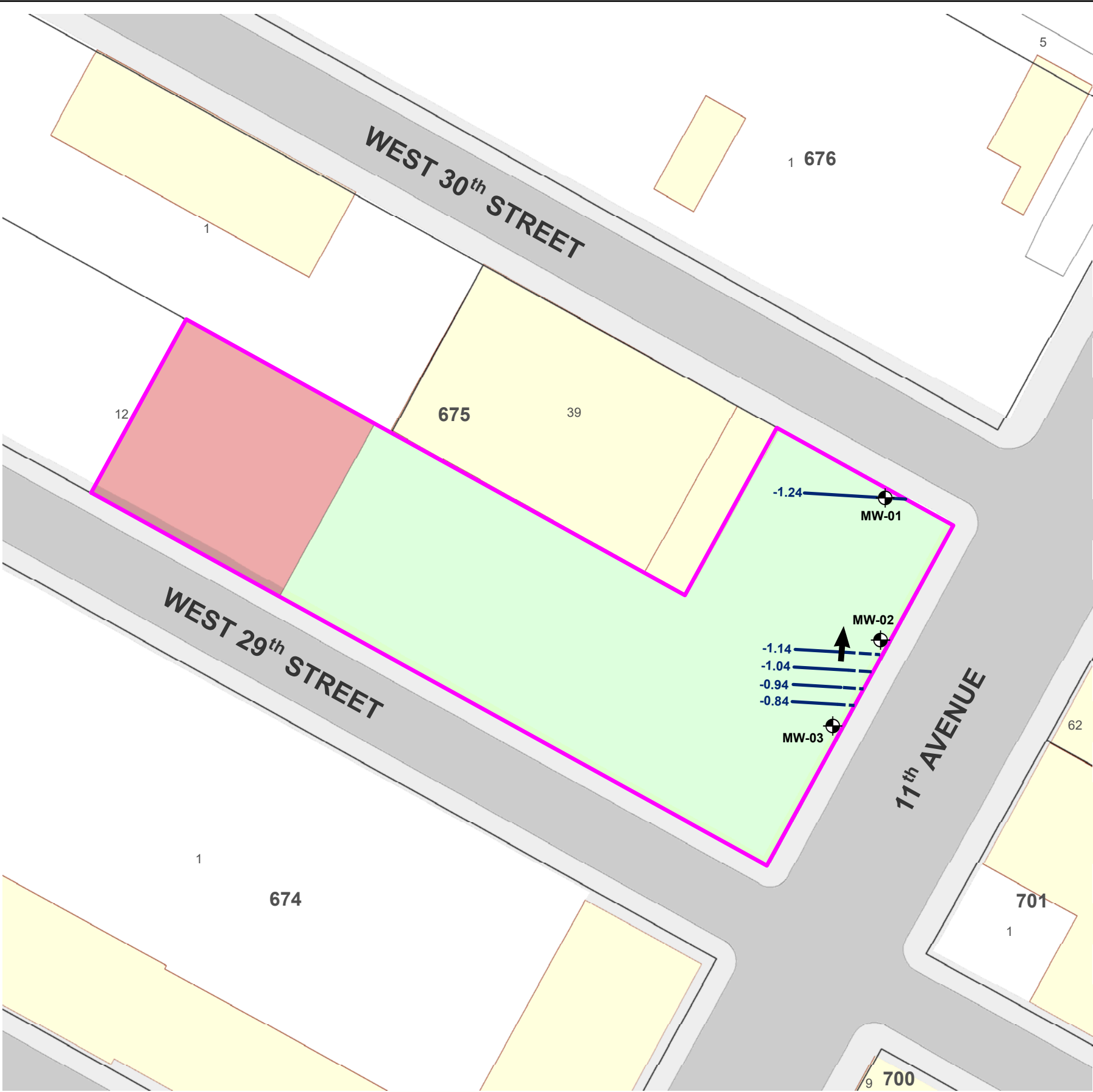
440 Park Avenue South, New York, N.Y. 10016

DATE  
6/2/2020

PROJECT NO.  
170087

FIGURE  
2

©2022 AKRF W:\Projects\170087 - DD WEST 29TH ST\Technical\GIS and Graphics\Hazmat\170087 Fig 3 Post Remedial GW Monitoring Well Elevation Plan.mxd 2/23/2022 10:49:40 AM mvelleux



Map Source:  
NYCDP (NYC Dept. of City Planning) GIS database

**LEGEND**

- BCP SITE BOUNDARY
- LOT BOUNDARY AND TAX LOT NUMBER
- TAX BLOCK NUMBER
- BUILDING
- TRACK 1 CLEANUP AREA
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)
- POST-REMEDIATION GROUNDWATER MONITORING WELL LOCATION
- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
MW-01	16.76	18.00	-1.24
MW-02	16.20	17.39	-1.19
MW-03	13.15	13.87	-0.72

**Notes:**  
ft. = feet  
TOC = top of casing  
Elevation = feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD88).



601 West 29<sup>th</sup> Street  
Manhattan, New York

POST-REMEDIATION GROUNDWATER MONITORING WELL ELEVATION PLAN

DATE
2/23/2022
PROJECT NO.
170087
FIGURE
3

## TABLES

**Table 1**  
**601 West 29th Street**  
**Manhattan, NY**  
Post-Remedial Groundwater Sampling Results  
CP-51 Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-01_20210430 460-233338-1 4/30/2021 µg/L 1	MW-01_20210712 460-238659-1 7/12/2021 µg/L 1	MW-X_20210712 460-238659-6 7/12/2021 µg/L 1	MW-01_20211008 460-244788-1 10/08/2021 µg/L 1	MW-01_20220107 460-250372-1 1/07/2022 µg/L 1	MW-X_20220107 460-250372-2 1/07/2022 µg/L 1
Compound	AWQSGV						
1,2,4-Trimethylbenzene	5	2.7	1 U	1 U	1.5	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	0.43 J	1 U	1 U	0.34 J	1 U	1 U
Benzene	1	1.5	1 U	1 U	1.4	0.45 J	0.46 J
Cymene	5	6.2	1 U	1 U	0.71 J	1 U	1 U
Ethylbenzene	5	25	0.6 J	0.5 J	6.5	3.5	3.8
Isopropylbenzene (Cumene)	5	3.9	0.35 J	0.34 J	2.8	1	1.1
M,P-Xylenes	5	69	1.5	1.2	2.9	3.5	3.9
Naphthalene	10	8	1 U	1 U	4.2	1.1	1.3
N-Butylbenzene	5	0.44 J	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	3.7	1 U	1 U	2.3	0.66 J	0.7 J
O-Xylene (1,2-Dimethylbenzene)	5	29	0.87 J	0.77 J	2.7	4.5	4.9
Sec-Butylbenzene	5	0.83 J	1 U	1 U	0.55 J	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	3	1 U	1 U	1.7	0.33 J	0.35 J
Toluene	5	3.1	0.57 J	0.51 J	1	0.59 J	0.64 J
Xylenes, Total	NS	99	2.3	1.9 J	5.6	8.1	8.8

**Table 1**  
**601 West 29th Street**  
**Manhattan, NY**  
 Post-Remedial Groundwater Sampling Results  
 CP-51 Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-02_20210430 460-233338-2 4/30/2021 µg/L 1	MW-X_20210430 460-233338-3 4/30/2021 µg/L 1	MW-02_20210712 460-238659-2 7/12/2021 µg/L 1	MW-02_20211008 460-244788-2 10/08/2021 µg/L 1	MW-X_20211008 460-244788-4 10/08/2021 µg/L 1	MW-02_20220112 460-250694-1 1/12/2022 µg/L 1
Compound	AWQSGV						
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1	3.7	3.7	2.5	5.5	5.6	3.9
Cymene	5	4.3	4.4	2.1	1 U	1 U	1 U
Ethylbenzene	5	7.2	7.3	8.2	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1.4	1.3	0.76 J	1.1	1.1	0.78 J
M,P-Xylenes	5	25	27	14	0.34 J	0.38 J	1 U
Naphthalene	10	2.7	3.1	3.9	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	0.33 J	0.38 J	1 U	0.44 J	0.44 J	1 U
O-Xylene (1,2-Dimethylbenzene)	5	10	11	9.5	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	0.58 J	0.61 J	1 U	0.3 J	0.27 J	0.49 J
Toluene	5	3	3.2	7.2	1 U	1 U	1 U
Xylenes, Total	NS	35	37	24	2 U	2 U	2 U



**Table 1**  
**601 West 29th Street**  
**Manhattan, NY**  
 Post-Remedial Groundwater Sampling Results  
 CP-51 Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-03_20210430 460-233338-4 4/30/2021 µg/L 1	MW-03_20210712 460-238659-3 7/12/2021 µg/L 1	MW-03_20211008 460-244788-3 10/08/2021 µg/L 1	MW-03_20220107 460-250372-5 1/07/2022 µg/L 1
Compound	AWQSGV				
1,2,4-Trimethylbenzene	5	0.4 J	1 U	0.37 J	0.39 J
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U
Benzene	1	0.57 J	0.55 J	0.62 J	1 U
Cymene	5	26	6.8	12	15
Ethylbenzene	5	0.5 J	1 U	0.38 J	1 U
Isopropylbenzene (Cumene)	5	0.47 J	1 U	1 U	1 U
M,P-Xylenes	5	0.69 J	0.4 J	0.61 J	0.55 J
Naphthalene	10	2.9	1.1	1.3	1.1
N-Butylbenzene	5	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	0.53 J	0.42 J	0.42 J	0.42 J
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U
Toluene	5	0.39 J	0.64 J	1.1	0.59 J
Xylenes, Total	NS	1.2 J	0.82 J	1 J	0.97 J


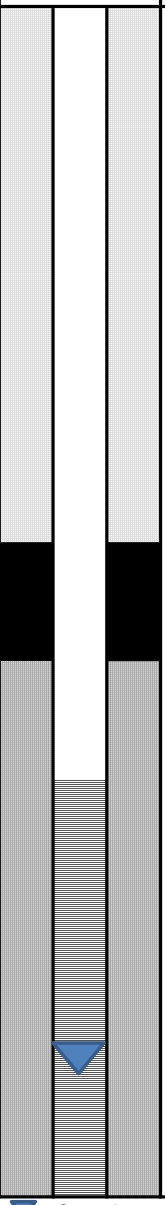

**Table 1**  
**601 West 29th Street**  
**Manhattan, NY**  
 Post-Remedial Groundwater Sampling Results  
 CP-51 Volatile Organic Compounds (VOCs)


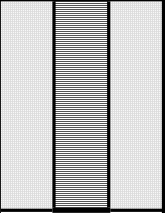

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		FB_20210430 460-233338-6 4/30/2021 µg/L 1	FB_20210712 460-238659-5 7/12/2021 µg/L 1	FB_20211008 460-244788-6 10/08/2021 µg/L 1	FB_20220107 460-250372-4 1/07/2022 µg/L 1
Compound	AWQSGV				
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U
Benzene	1	1 U	1 U	1 U	1 U
Cymene	5	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U
Naphthalene	10	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U


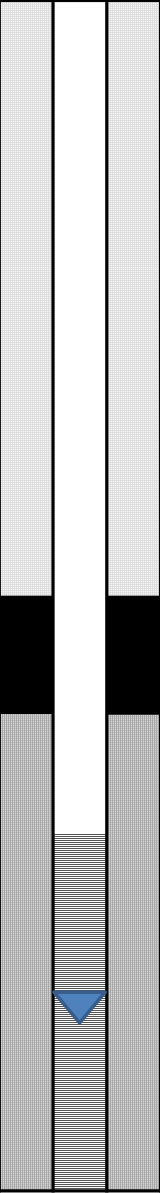

**Table 1**  
**601 West 29th Street**  
**Manhattan, NY**  
 Post-Remedial Groundwater Sampling Results  
 CP-51 Volatile Organic Compounds (VOCs)


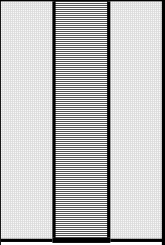

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		TB_20210430 460-233338-5 4/30/2021 µg/L 1	TB_20210712 460-238659-4 7/12/2021 µg/L 1	TB_20211008 460-244788-5 10/08/2021 µg/L 1	TB_20220107 460-250372-3 1/07/2022 µg/L 1
Compound	AWQSGV				
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U
Benzene	1	1 U	1 U	1 U	1 U
Cymene	5	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U
Naphthalene	10	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U

**APPENDIX A**  
**MONITORING WELL CONSTRUCTION LOGS**


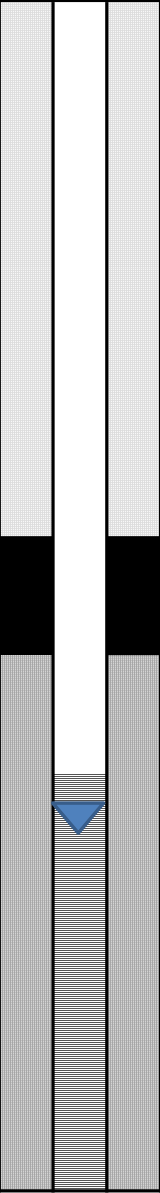

<b>SOIL BORING AND WELL INSTALLATION LOG</b>		West 29th Street 601 West 29th Street, New York, NY AKRF Project Number: 170087		<b>Groundwater Monitoring Well ID:</b> Sheet 1 of 2	<b>MW-01</b>	<b>Soil Boring ID:</b> <b>SB-01</b>			
 440 Park Avenue South, 7 <sup>th</sup> Floor New York, NY 10016		Drilling Method: Geoprobe Sampling Method: Macrocores Driller: ADT Weather: 62 °F, Partly cloudy Logged by: M. Balletta, AKRF	<b>Drilling</b> Start Time: 10:50      Finish Time: 12:30 Date: 4/19/2021						
Depth (feet)	Well Construction	Surface Condition: Soil	Recovery (inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		Stick-up well with locking j-plug.	25	Brown SAND and GRAVEL, some Wood, trace Silt, Brick (FILL).	ND	DRY	ND	ND	
2		Non-shrinking cement grout: 1' to 9' below grade.							
3									
4									
5		1" diameter PVC well casing: 3' above grade to 13' below grade	33	Brown SAND and GRAVEL, some Wood, trace Silt, Brick (FILL).	ND	DRY	ND	ND	
6									
7									
8									
9									
10		Bentonite seal: 9' to 11' below grade	37	Brown SAND and GRAVEL, some Concrete (FILL).	ND	DRY	ND	ND	
11		No. 2 morie sandpack filter: 11' to 23' below grade							
12									
13									
14		1" diameter pre-packed PVC well screen: 13' to 23' below grade	17	Brown SAND and GRAVEL, some Concrete, Wood (FILL).	ND	WET @ 17'	ND	ND	
15									
16									
17									
18									
19									
20									
<b>Notes:</b>  Groundwater Depth Indicator Groundwater measured at 18 feet below grade in MW-01 on April 30, 2021. Groundwater monitoring well installed to 23 feet below grade.			Groundwater encountered at approximately 17 feet below grade during soil boring installation End of soil boring at 24 feet below grade.						
PID = photoionization detector      NAPL = non-aqueous phase liquid      ppm = parts per million      ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.									


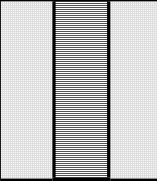

<b>SOIL BORING AND WELL INSTALLATION LOG</b>		West 29th Street 601 West 29th Street, New York, NY AKRF Project Number: 170087		<b>Groundwater Monitoring Well ID:</b> Sheet 2 of 2		<b>MW-01</b>		<b>Soil Boring ID:</b> <b>SB-01</b>	
 440 Park Avenue South, 7 <sup>th</sup> Floor New York, NY 10016		<b>Drilling Method:</b> Geoprobe		<b>Drilling</b>					
		<b>Sampling Method:</b> Macrocores		<b>Start Time:</b> 10:50				<b>Finish Time:</b> 12:30	
		<b>Driller:</b> ADT		<b>Date:</b> 4/19/2021					
		<b>Weather:</b> 62 °F, Partly cloudy							
		<b>Logged by:</b> M. Balletta, AKRF							
<b>Depth (feet)</b>	<b>Well Construction</b>	<b>Surface Condition: Soil</b>	<b>Recovery (Inches)</b>	<b>Soil Boring Log</b>	<b>Odor</b>	<b>Moisture</b>	<b>PID (ppm)</b>	<b>NAPL</b>	<b>Soil Samples Collected for Laboratory Analysis</b>
21		End cap: 23' below grade	15	Brown SAND, some Silt, trace Gravel.	ND	WET	ND	ND	
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
<b>Notes:</b>  Groundwater Depth Indicator Groundwater measured at 18 feet below grade in MW-01 on April 30, 2021. Groundwater monitoring well installed to 23 feet below grade.			Groundwater encountered at approximately 17 feet below grade during soil boring installation End of soil boring at 24 feet below grade.						
PID = photoionization detector      NAPL = non-aqueous phase liquid      ppm = parts per million      ND = not detected									
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.									

<b>SOIL BORING AND WELL INSTALLATION LOG</b>		West 29th Street 601 West 29th Street, New York, NY AKRF Project Number: 170087		<b>Groundwater Monitoring Well ID:</b> Sheet 1 of 2	<b>MW-02</b>	<b>Soil Boring ID:</b> <b>SB-02</b>			
 440 Park Avenue South, 7 <sup>th</sup> Floor New York, NY 10016		Drilling Method: Geoprobe Sampling Method: Macrocores Driller: ADT Weather: 53/62 °F, Rain/Partly cloudy Logged by: M. Balletta, AKRF	<b>Drilling</b> Start Time: 10:15 (4/15/2021)      Finish Time: 9:10 (4/19/2021) Date: 4/15/2021 and 4/19/2021						
Depth (feet)	Well Construction	Surface Condition: Soil	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		Stick-up well with locking j-plug.	12	Brown SAND and GRAVEL, some Wood, trace Silt, Brick (FILL).	ND	DRY	ND	ND	
2		Non-shrinking cement grout: 1' to 10' below grade.							
3		1" diameter PVC well casing: 3' above grade to 14' below grade	13	Brown SAND, some Gravel, Silt, trace Wood, Concrete (FILL).	ND	MOIST	ND	ND	
4									
5									
6									
7		Bentonite seal: 10' to 12' below grade	13	Brown SAND, some Gravel, Silt, trace Wood, Concrete (FILL).	ND	MOIST	ND	ND	
8									
9									
10									
11		No. 2 morie sandpack filter: 12' to 24' below grade	13	Brown SAND, some Gravel, Silt, trace Wood, Concrete (FILL).	ND	MOIST	ND	ND	
12									
13									
14									
15		1" diameter pre-packed PVC well screen: 14' to 24' below grade	9	Brown SAND, some Gravel, Silt, trace Wood, Concrete (FILL).	ND	WET @ 15'	ND	ND	
16									
17									
18									
19									
20									
<b>Notes:</b>  Groundwater Depth Indicator Groundwater measured at 17.39 feet below grade in MW-02 on April 30, 2021. Groundwater monitoring well installed to 24 feet below grade.			Groundwater encountered at approximately 15 feet below grade during soil boring installation End of soil boring at 24 feet below grade.						
PID = photoionization detector      NAPL = non-aqueous phase liquid      ppm = parts per million      ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.									

<b>SOIL BORING AND WELL INSTALLATION LOG</b>		West 29th Street 601 West 29th Street, New York, NY AKRF Project Number: 170087		<b>Groundwater Monitoring Well ID:</b> Sheet 2 of 2		<b>MW-02</b>		<b>Soil Boring ID:</b> <b>SB-02</b>		
 440 Park Avenue South, 7 <sup>th</sup> Floor New York, NY 10016		<b>Drilling Method:</b> Geoprobe		<b>Drilling</b>						
		<b>Sampling Method:</b> Macrocores		<b>Start Time:</b> 10:15 (4/15/2021)				<b>Finish Time:</b> 9:10 (4/19/2021)		
		<b>Driller:</b> ADT		<b>Date:</b> 4/15/2021 and 4/19/2021						
		<b>Weather:</b> 53/62 °F, Rain/Partly cloudy								
<b>Logged by:</b> M. Balletta, AKRF										
<b>Depth (feet)</b>	<b>Well Construction</b>	<b>Surface Condition: Soil</b>	<b>Recovery (Inches)</b>	<b>Soil Boring Log</b>	<b>Odor</b>	<b>Moisture</b>	<b>PID (ppm)</b>	<b>NAPL</b>	<b>Soil Samples Collected for Laboratory Analysis</b>	
21		End cap: 24' below grade	30	Top 24": CONCRETE.	ND	WET	ND	ND		
22										
23										
24						Bottom 6": Brown SAND, some Silt, trace Gravel.	ND	WET	ND	ND
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
<b>Notes:</b>  Groundwater Depth Indicator Groundwater measured at 17.39 feet below grade in MW-02 on April 30, 2021. Groundwater monitoring well installed to 24 feet below grade.			Groundwater encountered at approximately 15 feet below grade during soil boring installation End of soil boring at 24 feet below grade.							
PID = photoionization detector      NAPL = non-aqueous phase liquid      ppm = parts per million      ND = not detected										
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.										



SOIL BORING AND WELL INSTALLATION LOG		West 29th Street 601 West 29th Street, New York, NY  AKRF Project Number: 170087		Groundwater Monitoring Well ID:  Sheet 1 of 2		MW-03		Soil Boring ID:		SB-03	
 440 Park Avenue South, 7 <sup>th</sup> Floor New York, NY 10016		Drilling Method: Geoprobe		Drilling							
		Sampling Method: Macrocores		Start Time: 11:00				Finish Time: 14:30			
		Driller: ADT		Date: 4/23/2021							
		Weather: 60 °F, Fair									
		Logged by: M. Balletta, AKRF									
Depth (feet)	Well Construction		Surface Condition: Soil		Recovery (inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1			Stick-up well with locking j-plug.		5	Brown SAND, some Wood, trace Concrete (FILL).	ND	DRY	ND	ND	
2			Non-shrinking cement grout: 1' to 9' below grade.								
3											
4											
5	1" diameter PVC well casing: 3' above grade to 13' below grade				10	Brown SAND, some Wood, trace Concrete (FILL).	ND	DRY	ND	ND	
6											
7											
8											
9					20	Brown SAND, some Wood, trace Concrete, Brick (FILL).	ND	DRY	ND	ND	
10	Bentonite seal: 9' to 11' below grade										
11											
12											
13	No. 2 morie sandpack filter: 11' to 23' below grade				15	Brown SAND, some Wood, trace Gravel, Brick (FILL).	ND	WET @ 16'	ND	ND	
14											
15											
16	1" diameter pre-packed PVC well screen: 13' to 23' below grade										
17											
18											
19											
20											
<b>Notes:</b>  Groundwater Depth Indicator Groundwater measured at 13.87 feet below grade in MW-03 on April 30, 2021. Groundwater monitoring well installed to 23 feet below grade.			Groundwater encountered at approximately 16 feet below grade during soil boring installation. End of soil boring at 24 feet below grade.								
PID = photoionization detector      NAPL = non-aqueous phase liquid      ppm = parts per million      ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>											

<b>SOIL BORING AND WELL INSTALLATION LOG</b>		West 29th Street 601 West 29th Street, New York, NY AKRF Project Number: 170087		<b>Groundwater Monitoring Well ID:</b> Sheet 2 of 2		<b>MW-03</b>		<b>Soil Boring ID:</b> <b>SB-03</b>	
 440 Park Avenue South, 7 <sup>th</sup> Floor New York, NY 10016		<b>Drilling Method:</b> Geoprobe		<b>Drilling</b>					
		<b>Sampling Method:</b> Macrocores		<b>Start Time:</b> 11:00				<b>Finish Time:</b> 14:30	
		<b>Driller:</b> ADT		<b>Date:</b> 4/23/2021					
		<b>Weather:</b> 60 °F, Fair <b>Logged by:</b> M. Balletta, AKRF							
<b>Depth (feet)</b>	<b>Well Construction</b>	<b>Surface Condition: Soil</b>	<b>Recovery (Inches)</b>	<b>Soil Boring Log</b>	<b>Odor</b>	<b>Moisture</b>	<b>PID (ppm)</b>	<b>NAPL</b>	<b>Soil Samples Collected for Laboratory Analysis</b>
21		End cap: 23' below grade	24	Brown SAND, some Gravel, trace Concrete (FILL).	ND	WET	ND	ND	
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
<b>Notes:</b>  Groundwater Depth Indicator Groundwater measured at 13.87 feet below grade in MW-03 on April 30, 2021. Groundwater monitoring well installed to 23 feet below grade.			Groundwater encountered at approximately 16 feet below grade during soil boring installation. End of soil boring at 24 feet below grade.						
PID = photoionization detector      NAPL = non-aqueous phase liquid      ppm = parts per million      ND = not detected									
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.									

**APPENDIX B**  
**MONITORING WELL DEVELOPMENT LOGS**



## Well Development Log

<b>Job No:</b> 170087					<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-01</b>
<b>Project Location:</b> 601 West 29th Street, New York NY					<b>Developed By:</b> Marco Balletta and Esme Faneuff				
<b>Date:</b> 4/19/2021 and 4/20/2021									
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 16.1 ppm									
<b>Total Depth:</b> 23.35 ft. below top of casing					<b>Water Column (WC):</b> 5.24 feet				*= 0.041 * WC for 1" wells
<b>Depth to Water:</b> 18.11 ft. below top of casing					<b>Well Volume*:</b> 0.21 gallons				*= 0.163 * WC for 2" wells
<b>Depth to Product:</b> ND ft. below top of casing					<b>Volume Purged:</b> 18 gallons				*= 0.653 * WC for 4" wells
<b>Depth to top of screen:</b> 13 ft. below top of casing					<b>Well Diam.:</b> 1 inches				
<b>Depth to bottom of screen:</b> 23 ft. below top of casing					<b>Purging Device (pump type):</b>				
<b>Approx. Pump Intake:</b> 20 ft. below top of casing					Peristaltic Pump				
Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
13:00	18.26	500	15.14	1.304	4.29	8.43	-9.2	735.6	No odor, sheen, or free product on purge water.
13:05	18.26	500	15.20	1.315	5.53	8.47	-13.1	1051.1	
13:10	18.26	500	14.89	1.294	5.70	8.47	-12.5	993.7	
13:15	18.26	500	15.15	1.293	7.05	8.37	-11.8	961.4	
13:20	18.26	500	14.91	1.296	6.77	8.72	-91.5	945.1	
13:40	18.26	500	14.71	1.307	7.16	8.88	-37.6	1000.6	
14:00	18.26	500	14.67	1.315	7.21	8.91	-12.1	1237.6	
14:20	18.26	500	14.66	1.357	7.24	8.99	5.0	1423.4	
14:50	18.26	500	15.03	1.378	7.20	9.07	20.0	504.1	
10:28	18.11	500	16.12	1.314	4.08	9.03	-55.5	77.0	
10:38	18.11	500	15.81	1.318	4.79	9.15	-54.4	41.8	
10:45	18.11	500	15.56	1.323	4.76	9.12	-54.7	29.2	
10:50	18.11	500	15.65	1.316	4.97	9.18	-61.8	48.6	
10:56	18.11	500	15.86	1.322	5.08	9.19	-59.2	27.7	
11:00	18.11	500	15.94	1.322	5.10	9.14	-58.1	23.3	
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Notes:</b> N/A: Not Applicable ND: Non-Detect ppm: parts per million									



# Well Development Log

<b>Job No:</b> 170087					<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-02</b>
<b>Project Location:</b> 601 West 29th Street, New York NY					<b>Developed By:</b> Marco Balletta				
<b>Date:</b> 4/19/2021									
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 3.6 ppm									
<b>Total Depth:</b> 23.80 ft. below top of casing					<b>Water Column (WC):</b> 6.40 feet				*= 0.041 * WC for 1" wells
<b>Depth to Water:</b> 17.40 ft. below top of casing					<b>Well Volume*:</b> 0.26 gallons				*= 0.163 * WC for 2" wells
<b>Depth to Product:</b> ND ft. below top of casing					<b>Volume Purged:</b> 7.5 gallons				*= 0.653 * WC for 4" wells
<b>Depth to top of screen:</b> 14 ft. below top of casing					<b>Well Diam.:</b> 1 inches				
<b>Depth to bottom of screen:</b> 24 ft. below top of casing					<b>Purging Device (pump type):</b>				
<b>Approx. Pump Intake:</b> 18 ft. below top of casing					Peristaltic Pump				
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments (problems, odor, sheen)</b>
10:25	17.40	516	12.07	2.718	2.52	9.84	-112.0	1280	Faint petroleum-like odor. No sheen or free product on purge water.
10:30	17.40	516	11.93	2.86	2.40	9.41	-116.4	555.6	
10:35	17.50	516	12.13	2.899	6.50	9.18	-116.4	238.6	
10:40	17.50	516	12.15	2.904	6.70	9.14	-114.0	153.9	
10:45	17.50	516	12.21	2.991	9.08	9.75	-106.6	188.6	
10:50	17.80	516	12.03	3.01	4.16	8.82	-262.1	86.8	
10:55	18.20	516	12.10	3.007	2.56	8.76	-277.7	45.5	
11:00	18.20	516	12.26	2.996	0.41	8.64	-277.6	37.5	
11:05	18.40	516	12.09	3.089	0.99	8.64	-272.9	20.9	
11:10	18.40	516	12.15	3.056	0.74	8.64	-280.9	22.6	
11:15	18.40	516	12.14	3.02	0.71	8.41	-277.6	24.1	
11:20	18.60	516	12.16	3.003	0.65	8.39	-274.7	29.1	
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Notes:</b> N/A: Not Applicable ND: Non-Detect ppm: parts per million									



# Well Development Log

<b>Job No:</b> 170087					<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-03</b>
<b>Project Location:</b> 601 West 29th Street, New York NY					<b>Developed By:</b> Marco Balletta				
<b>Date:</b> 4/23/2021									
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 0.4 ppm									
<b>Total Depth:</b> 23.55 ft. below top of casing					<b>Water Column (WC):</b> 10.84 feet				*= 0.041 * WC for 1" wells
<b>Depth to Water:</b> 12.71 ft. below top of casing					<b>Well Volume*:</b> 0.44 gallons				*= 0.163 * WC for 2" wells
<b>Depth to Product:</b> ND ft. below top of casing					<b>Volume Purged:</b> 3.5 gallons				*= 0.653 * WC for 4" wells
<b>Depth to top of screen:</b> 13 ft. below top of casing					<b>Well Diam.:</b> 1 inches				
<b>Depth to bottom of screen:</b> 23 ft. below top of casing					<b>Purging Device (pump type):</b>				
<b>Approx. Pump Intake:</b> 18 ft. below top of casing					Peristaltic Pump				
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments (problems, odor, sheen)</b>
14:50	12.91	294	13.65	7.82	1.54	11.37	-106.9	840	No odor, sheen, or free product detected in purge water.
14:55	12.91	294	13.23	7.499	4.78	12.02	-110.6	1406.4	
15:00	12.91	294	13.05	7.572	2.40	12.57	-130.7	624.6	
15:05	12.91	294	12.95	7.751	2.27	11.75	-132.4	143.9	
15:10	12.91	294	12.81	7.766	2.32	11.79	-138.2	61.3	
15:15	12.91	294	12.74	7.777	2.66	11.89	-140.7	59.6	
15:20	12.91	294	12.43	7.811	2.79	11.91	-114.8	31.4	
15:25	12.91	294	12.42	7.789	2.74	11.85	-122.5	11.6	
15:30	12.91	294	12.47	7.766	2.61	11.88	-126.0	6.3	
15:35	12.91	294	12.47	7.757	2.68	11.81	-125.7	5.1	
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Notes:</b> N/A: Not Applicable ND: Non-Detect ppm: parts per million									

**APPENDIX C**  
**MONITORING WELL ELEVATION SURVEY**

# MONITORING WELLS

BLOCK: 675 LOT: 12

WEST 30TH STREET

MW-01

39

MW-02

11TH AVENUE

MW-03

LOT UNDER CONSTRUCTION

12

WEST 29TH STREET

## NOTES:

- THIS IS NOT A TITLE SURVEY AND IS NOT TO BE USED FOR TITLE PURPOSES.
- PROPERTY LINE IS FOR VISUAL REFERENCE ONLY
- ALL ELEVATIONS ARE IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- HORIZONTAL COORDINATES ARE IN THE NORTH AMERICAN DATUM OF 1983 (NAD83), LONG ISLAND ZONE.

## MECHANICAL DEDUCTIONS

Latitude (Dec Deg)	Longitude (Dec Deg)	Elevation	Description
N40.753306°	W74.004142°	16.76'	MW01
N40.753315°	W74.004138°	16.77'	MW01-SIDEWALK
N40.753091°	W74.004149°	16.20'	MW 02
N40.753083°	W74.004131°	15.07'	MW 02-SIDEWALK
N40.752956°	W74.004243°	13.15'	MW 03
N40.752960°	W74.004218°	13.21'	MW 03-SIDEWALK

DRAWN BY: JJM

SCALE: 1" = 40'

SURVEYED: APRIL 30TH, 2021

SURVEY OF PROPERTY SITUATED IN:

601 WEST 29TH STREET  
BOROUGH OF MANHATTAN  
COUNTY OF NEW YORK  
CITY OF NEW YORK  
STATE OF NEW YORK

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY

GUARANTEES INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

FEHRINGER SURVEYING, P.C.

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**APPENDIX D**  
**GROUNDWATER SAMPLING LOGS**



# Well Sampling Log

<b>Job No:</b> 170087					<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-01</b>
<b>Project Location:</b> 601 West 29th Street, New York NY					<b>Sampled By:</b> Esme Faneuff				
<b>Date:</b> 4/30/2021					<b>Sampling Time:</b> 9:40				
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> ND									
<b>Total Depth:</b> 23.55 ft. below top of casing					<b>Water Column (WC):</b> 5.55 feet				*= 0.041 * WC for 1" wells
<b>Depth to Water:</b> 18.00 ft. below top of casing					<b>Well Volume*:</b> 0.23 gallons				*= 0.163 * WC for 2" wells
<b>Depth to Product:</b> ND ft. below top of casing					<b>Volume Purged:</b> 1 gallons				*= 0.653 * WC for 4" wells
<b>Depth to top of screen:</b> 13 ft. below top of casing					<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min
<b>Depth to bottom of screen:</b> 23 ft. below top of casing					<b>Purging Device (pump type):</b>				
<b>Approx. Pump Intake:</b> 20 ft. below top of casing					QED Submersible Pump				
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments</b> (problems, odor, sheen)  No sheen or free product noted on purge water. Slight pretroleum-like odor detected. MS/MSD collected at MW-01
9:05	18.00	100	15.52	1.42	1.32	7.53	-131.3	11	
9:10	18.00	100	15.45	1.39	0.94	7.58	-138.0	11.1	
9:15	18.00	100	15.33	1.38	0.61	7.63	-143.9	9.3	
9:20	18.00	100	15.28	1.37	0.56	7.68	-154.2	9.5	
9:25	18.00	100	15.16	1.35	0.41	7.79	-166.8	9.4	
9:30	18.00	100	15.11	1.34	0.35	7.81	-168.0	8.8	
9:35	18.00	100	15.10	1.33	0.35	7.86	-174.4	8.2	
<b>SAMPLING</b>									
9:55	18.00	100	15.29	1.32	0.41	7.90	-178.4	8.7	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	
Groundwater samples analyzed for: CP-51 VOCs									



## Well Sampling Log

<b>Job No:</b> 170087		<b>Client:</b> DD West 29th LLC		<b>Well No:</b>  <b>MW-02</b>					
<b>Project Location:</b> 601 West 29th Street, New York NY		<b>Sampled By:</b> Esme Faneuff							
<b>Date:</b> 4/30/2021		<b>Sampling Time:</b> 11:05							
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 0.3 ppm									
<b>Total Depth:</b> 24.00 ft. below top of casing		<b>Water Column (WC):</b> 6.61 feet		*= 0.041 * WC for 1" wells					
<b>Depth to Water:</b> 17.39 ft. below top of casing		<b>Well Volume*:</b> 0.27 gallons		*= 0.163 * WC for 2" wells					
<b>Depth to Product:</b> ND ft. below top of casing		<b>Volume Purged:</b> 1 gallons		*= 0.653 * WC for 4" wells					
<b>Depth to top of screen:</b> 24 ft. below top of casing		<b>Well Diam.:</b> 1 inches		Target maximum flow rate is 100 ml/min					
<b>Depth to bottom of screen:</b> 14 ft. below top of casing		<b>Purging Device (pump type):</b>							
<b>Approx. Pump Intake:</b> 20 ft. below top of casing		QED Submersible Pump							
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments</b> (problems, odor, sheen)  No sheen or free product noted on purge water. Slight pretroleum-like odor detected. Blind duplicate collected from MW-02.
10:40	17.39	100	14.96	2.96	1.37	7.28	-134.8	31.7	
10:45	17.39	100	14.97	2.98	9.70	7.28	-138.4	17.5	
10:50	17.39	100	15.08	3.01	0.82	7.28	-144.6	5	
10:55	17.39	100	15.42	3.04	0.74	7.29	-147.5	6.4	
11:00	17.39	100	15.64	3.06	0.70	7.28	-150.3	3	
SAMPLING									
11:15	17.39	100	17.34	3.08	1.02	7.28	-149.3	6.7	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	
Groundwater samples analyzed for: CP-51 VOCs									



## Well Sampling Log

<b>Job No:</b> 170087				<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-03</b>	
<b>Project Location:</b> 601 West 29th Street, New York NY				<b>Sampled By:</b> Esme Faneuff					
<b>Date:</b> 4/30/2021				<b>Sampling Time:</b> 13:10					
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 0.2 ppm									
<b>Total Depth:</b> 23.79 ft. below top of casing				<b>Water Column (WC):</b> 9.92 feet				*= 0.041 * WC for 1" wells	
<b>Depth to Water:</b> 13.87 ft. below top of casing				<b>Well Volume*:</b> 0.447 gallons				*= 0.163 * WC for 2" wells	
<b>Depth to Product:</b> ND ft. below top of casing				<b>Volume Purged:</b> 1 gallons				*= 0.653 * WC for 4" wells	
<b>Depth to top of screen:</b> 13 ft. below top of casing				<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min	
<b>Depth to bottom of screen:</b> 23 ft. below top of casing				<b>Purging Device (pump type):</b>					
<b>Approx. Pump Intake:</b> 18 ft. below top of casing				QED Submersible Pump					
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments (problems, odor, sheen)</b>
12:45	13.87	100	15.36	6.44	0.64	12.21	-194.8	25.6	
12:50	13.87	100	14.78	6.85	0.17	12.30	-234.6	15.2	
12:55	13.87	100	14.22	7.11	0.13	12.33	-261.2	8.4	
13:00	13.87	100	13.83	7.16	0.11	12.32	-267.1	5.6	
13:05	13.87	100	13.54	7.13	0.10	12.31	-267.4	3.2	
SAMPLING									
13:15	13.87	100	14.03	7.092	0.34	12.27	-292.8	18.7	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	
Groundwater samples analyzed for: CP-51 VOCs									



## Well Sampling Log

<b>Job No:</b> 170087					<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-01</b>
<b>Project Location:</b> 601 West 29th Street, New York NY					<b>Sampled By:</b> Esme Faneuff				
<b>Date:</b> 7/12/2021					<b>Sampling Time:</b> 9:55				
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 1.5 ppm									
<b>Total Depth:</b> 23.55 ft. below top of casing					<b>Water Column (WC):</b> 5.96 feet				*= 0.041 * WC for 1" wells
<b>Depth to Water:</b> 17.59 ft. below top of casing					<b>Well Volume*:</b> 0.244 gallons				*= 0.163 * WC for 2" wells
<b>Depth to Product:</b> ND ft. below top of casing					<b>Volume Purged:</b> 2 gallons				*= 0.653 * WC for 4" wells
<b>Depth to top of screen:</b> 13 ft. below top of casing					<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min
<b>Depth to bottom of screen:</b> 23 ft. below top of casing					<b>Purging Device (pump type):</b> QED Submersible Pump				
<b>Approx. Pump Intake:</b> 21 ft. below top of casing									
Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
8:40	17.59	100	21.99	980	0.85	7.24	57	146.1	Purging start at 8:20 am. No odor, sheen, or free product detected on purge water.
8:45	17.59	100	21.84	941	0.89	7.18	56.2	124.7	
8:50	17.59	100	21.64	876	0.85	7.18	55.5	94.4	
8:55	17.59	100	21.64	851	0.82	7.21	55.6	87.1	
9:00	17.59	100	21.74	796	0.72	7.28	55.7	75.5	
9:05	17.59	100	21.83	760	0.74	7.32	56.3	72.7	
9:10	17.59	100	21.84	718	0.69	7.35	58.8	68.5	
9:15	17.59	100	21.75	686	0.55	7.37	60.8	66.4	
9:20	17.59	100	21.72	668	0.52	7.39	62.3	67.2	
9:25	17.59	100	21.71	646	0.37	7.43	65.2	72.1	
9:30	17.59	100	21.68	639	0.37	7.44	65.9	68.2	
9:35	17.59	100	21.67	629	0.29	7.46	67.1	65.1	
9:40	17.59	100	21.67	622	0.25	7.47	67.5	43.1	
9:45	17.59	100	21.61	610	0.12	7.49	68.8	47.8	
9:50	17.59	100	21.56	606	0.15	7.5	70.7	40	
SAMPLING									
10:10	17.59	100	22.47	594	0.11	7.56	74.5	83.8	
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	7:12 PM	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Groundwater samples analyzed for: CP-51 VOCs									



# Well Sampling Log

<b>Job No:</b> 170087				<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-02</b>	
<b>Project Location:</b> 601 West 29th Street, New York NY				<b>Sampled By:</b> Esme Faneuff					
<b>Date:</b> 7/12/2021				<b>Sampling Time:</b> 11:25					
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 24.9 ppm									
<b>Total Depth:</b> 23.98 ft. below top of casing				<b>Water Column (WC):</b> 6.66 feet				*= 0.041 * WC for 1" wells	
<b>Depth to Water:</b> 17.32 ft. below top of casing				<b>Well Volume*:</b> 0.273 gallons				*= 0.163 * WC for 2" wells	
<b>Depth to Product:</b> ND ft. below top of casing				<b>Volume Purged:</b> 1.25 gallons				*= 0.653 * WC for 4" wells	
<b>Depth to top of screen:</b> 24 ft. below top of casing				<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min	
<b>Depth to bottom of screen:</b> 14 ft. below top of casing				<b>Purging Device (pump type):</b>					
<b>Approx. Pump Intake:</b> 20 ft. below top of casing				QED Submersible Pump					
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments</b> (problems, odor, sheen)  Purging start at 10:35. No odor, sheen, or free product detected on purge water.
10:50	17.32	100	21.72	2991	-2.47	8.14	18.5	45	
10:55	17.32	100	21.53	2918	-2.88	8.06	-99.9	36.3	
11:00	17.32	100	21.34	2849	-2.98	8	-157.2	24.1	
11:05	17.32	100	21.27	2793	-2.98	7.95	-154	17.5	
11:10	17.32	100	21.25	2751	-2.98	7.91	-167.9	14.4	
11:15	17.32	100	21.22	2716	-2.96	7.87	-177.8	9.2	
11:20	17.32	100	21.25	2696	-2.93	7.86	-173.8	7.6	
<b>SAMPLING</b>									
11:40	17.32	100	21.86	2668	-2.55	7.82	-165.7	11.9	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	
Groundwater samples analyzed for: CP-51 VOCs									



# Well Sampling Log

<b>Job No:</b> 170087					<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-03</b>
<b>Project Location:</b> 601 West 29th Street, New York NY					<b>Sampled By:</b> Esme Faneuff				
<b>Date:</b> 7/12/2021					<b>Sampling Time:</b> 13:00				
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 43.6 ppm									
<b>Total Depth:</b> 23.11 ft. below top of casing					<b>Water Column (WC):</b> 13.64 feet				= 0.041 * WC for 1" wells
<b>Depth to Water:</b> 11.47 ft. below top of casing					<b>Well Volume*:</b> 0.559 gallons				= 0.163 * WC for 2" wells
<b>Depth to Product:</b> ND ft. below top of casing					<b>Volume Purged:</b> 1.25 gallons				= 0.653 * WC for 4" wells
<b>Depth to top of screen:</b> 13 ft. below top of casing					<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min
<b>Depth to bottom of screen:</b> 23 ft. below top of casing					<b>Purging Device (pump type):</b>  QED Submersible Pump				
<b>Approx. Pump Intake:</b> 18 ft. below top of casing									
Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:15	11.47	100	22.92	2044	5.41	11.87	-113.8	202.1	Purging start at 12:05. No odor, sheen, or free product detected on purge water.
12:20	11.47	100	23.03	2030	4.91	11.86	-115.2	134.8	
12:25	11.47	100	22.92	2151	4.95	11.93	-116.3	148.7	
12:30	11.47	100	23.07	2194	4.51	11.95	-117.7	121.6	
12:35	11.47	100	23.17	2287	4.4	11.98	-119.3	181.1	
12:40	11.47	100	23.47	2403	4.26	12.02	-120.4	59.2	
12:45	11.47	100	23.81	2466	4.23	12.01	-127.9	41.2	
12:50	11.47	100	23.74	2515	4.19	12.01	-125.9	36.7	
12:55	11.47	100	23.82	2556	4.03	11.98	-125.2	36.2	
SAMPLING									
13:05	11.47	100	24.88	2540	3.90	12.01	-132.1	32.1	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	

Groundwater samples analyzed for: CP-51 VOCs



# Well Sampling Log

<b>Job No:</b> 170087					<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-01</b>
<b>Project Location:</b> 601 West 29th Street, New York NY					<b>Sampled By:</b> Esme Faneuff				
<b>Date:</b> 10/8/2021					<b>Sampling Time:</b> 9:30				
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 0.2 ppm									
<b>Total Depth:</b> 23.32 ft. below top of casing					<b>Water Column (WC):</b> 5.32 feet				*= 0.041 * WC for 1" wells
<b>Depth to Water:</b> 18.00 ft. below top of casing					<b>Well Volume*:</b> 0.218 gallons				*= 0.163 * WC for 2" wells
<b>Depth to Product:</b> ND ft. below top of casing					<b>Volume Purged:</b> 1.5 gallons				*= 0.653 * WC for 4" wells
<b>Depth to top of screen:</b> 13 ft. below top of casing					<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min
<b>Depth to bottom of screen:</b> 23 ft. below top of casing					<b>Purging Device (pump type):</b>  QED Submersible Pump				
<b>Approx. Pump Intake:</b> 20 ft. below top of casing									
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments (problems, odor, sheen)</b>
8:25	18	100	19.94	1.03	5.91	7.51	-168.5	138.4	No odor, sheen, or free product detected on purge water.
8:30	18	100	19.99	1.00	1.39	7.55	-140.7	87.7	
8:35	18	100	19.95	0.977	3.83	7.66	-146.1	57.3	
8:40	18	100	19.94	0.972	4.24	7.76	-147.4	69.3	
8:45	18	100	19.95	0.963	4.35	7.82	-149.8	60.5	
8:50	18	100	19.98	0.959	4.1	7.88	-152.4	51.8	
8:55	18	100	19.99	0.954	5.29	7.92	-155.1	44.1	
9:00	18	100	20.02	0.951	5.55	7.97	-162.9	44.2	
9:05	18	100	20.08	0.943	5.45	8.02	-168.1	42.8	
9:10	18	100	20.07	0.941	5.21	8.04	-171.4	42.6	
9:15	18	100	20.09	0.936	4.95	8.08	-177.6	41.7	
9:20	18	100	20.14	0.932	4.84	8.12	-182.6	42.1	
9:25	18	100	20.13	0.929	4.93	8.16	-185.9	42.3	
SAMPLING									
9:45	18	100	19.89	0.928	0.76	8.19	-115.7	6.8	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: CP-51 VOC's





# Well Sampling Log

<b>Job No:</b> 170087				<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-02</b>	
<b>Project Location:</b> 601 West 29th Street, New York NY				<b>Sampled By:</b> Esme Faneuff					
<b>Date:</b> 10/8/2021				<b>Sampling Time:</b> 11:05					
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 0.1 ppm									
<b>Total Depth:</b> 23.95 ft. below top of casing				<b>Water Column (WC):</b> 6.59 feet				*= 0.041 * WC for 1" wells	
<b>Depth to Water:</b> 17.36 ft. below top of casing				<b>Well Volume*:</b> 0.270 gallons				*= 0.163 * WC for 2" wells	
<b>Depth to Product:</b> ND ft. below top of casing				<b>Volume Purged:</b> 1 gallons				*= 0.653 * WC for 4" wells	
<b>Depth to top of screen:</b> 24 ft. below top of casing				<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min	
<b>Depth to bottom of screen:</b> 14 ft. below top of casing				<b>Purging Device (pump type):</b>					
<b>Approx. Pump Intake:</b> 21 ft. below top of casing				QED Submersible Pump					
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments</b> (problems, odor, sheen)  No odor, sheen, or free product detected on purge water.
10:30	17.36	100	19.98	2.55	5.41	7.67	-90.3	123.7	
10:35	17.36	100	20.01	2.57	5.38	7.64	-94.7	113.2	
10:40	17.36	100	20.05	2.60	5.01	7.58	-102.7	77.2	
10:45	17.36	100	20.09	2.62	4.69	7.51	-107.5	66.6	
10:50	17.36	100	20.12	2.64	4.39	7.44	-110.9	49.1	
10:55	17.36	100	20.13	2.66	4.29	7.39	-111.5	36.2	
11:00	17.36	100	20.15	2.67	4.28	7.36	-110.6	29.2	
<b>SAMPLING</b>									
11:15	17.36	100	20.36	2.68	4.18	7.32	-105.7	25.7	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	
Groundwater samples analyzed for: CP-51 VOC's									



# Well Sampling Log

<b>Job No:</b> 170087				<b>Client:</b> DD West 29th LLC				<b>Well No:</b>  <b>MW-03</b>	
<b>Project Location:</b> 601 West 29th Street, New York NY				<b>Sampled By:</b> Esme Faneuff					
<b>Date:</b> 10/8/2021				<b>Sampling Time:</b> 12:20					
<b>LEL at surface:</b> N/A									
<b>PID at surface:</b> 1.4 ppm									
<b>Total Depth:</b> 23.90 ft. below top of casing				<b>Water Column (WC):</b> 11.84 feet				*= 0.041 * WC for 1" wells	
<b>Depth to Water:</b> 13.06 ft. below top of casing				<b>Well Volume*:</b> 0.485 gallons				*= 0.163 * WC for 2" wells	
<b>Depth to Product:</b> ND ft. below top of casing				<b>Volume Purged:</b> 0.75 gallons				*= 0.653 * WC for 4" wells	
<b>Depth to top of screen:</b> 13 ft. below top of casing				<b>Well Diam.:</b> 1 inches				Target maximum flow rate is 100 ml/min	
<b>Depth to bottom of screen:</b> 23 ft. below top of casing				<b>Purging Device (pump type):</b>					
<b>Approx. Pump Intake:</b> 19 ft. below top of casing				QED Submersible Pump					
<b>Time</b>	<b>Depth to Water (Ft.)</b>	<b>Purge Rate (ml/min)</b>	<b>Temp (°C)</b>	<b>Conductivity (mS/cm)</b>	<b>DO (mg/L)</b>	<b>pH</b>	<b>ORP (mV)</b>	<b>Turbidity (NTU)</b>	<b>Comments</b> (problems, odor, sheen)  No odor, sheen, or free product detected on purge water.
11:55	13.06	100	22.77	2.03	0.84	12.14	-217.8	1.8	
12:00	13.06	100	23.26	2.06	0.54	12.14	-222.1	4.5	
12:05	13.06	100	23.38	2.08	0.41	12.19	-227.4	1.3	
12:10	13.06	100	23.55	2.07	0.32	12.18	-232.1	4.4	
12:15	13.06	100	22.94	2.05	0.3	12.17	-234.9	7.7	
<b>SAMPLING</b>									
12:25	13.06	100	22.53	2.02	0.7	12.18	-227.1	12.6	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.
<b>Stabilization Criteria:</b>				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	
Groundwater samples analyzed for: CP-51 VOC's									

**APPENDIX E**  
**LABORATORY ANALYTICAL DATA REPORTS AND DUSRS**

**DATA USABILITY SUMMARY REPORT – DUSR  
DATA VALIDATION SUMMARY**

**ORGANIC ANALYSES  
CP-51 VOLATILES BY GC/MS**

**For Groundwater Samples Collected  
April 30, 2021, July 12, 2021, and October 08, 2021  
from  
601 West 29<sup>th</sup> Street, New York, NY  
Collected by AKRF, Inc.  
Project: 170087**

**SAMPLE DELIVERY GROUP NUMBERS:  
460-233338-1, 460-238659-1, 460-244788-1  
BY EUROFINS TESTAMERICA EDISON - NJ (ELAP #11452)**

**SUBMITTED TO:**

**Ms. Adrianna Bosco  
AKRF, Inc.  
440 Park Avenue South, 7<sup>th</sup> Floor  
New York, NY 10016**

**October 29, 2021**

**PREPARED BY:  
Lori A. Beyer/President  
L.A.B. Validation Corp.  
14 West Point Drive  
East Northport, NY 11731**

*Lori A. Beyer*

**601 West 29<sup>th</sup> Street, New York, NY**

Data Usability Summary Report (Data Validation):

2021 Groundwater Sampling - CP-51 Volatiles

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- A. Chain of Custody Documents and Sample Receipt Checklists
- B. Case Narratives
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### Introduction:

A validation was performed on groundwater samples and the associated quality control (MS/MSD/Field Duplicates/Field Blanks/Trip Blanks) for organic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Eurofins TestAmerica Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below with corresponding required analysis. The samples were analyzed by Eurofins TestAmerica, utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed.

The analytical testing and data review consisted of the CP-51 compound analyte list for Volatile Organics. The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic Data Review and EPA Region II SOP for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

Sample ID	Lab ID	Analysis	Date Collected/Received
MW-01 20210430 [Plus, MS/MSD]	460-233338-1	CP-51 Analyte List for Volatile Organics	04/30/2021
MW-02 20210430	460-233338-2	CP-51 Analyte List for Volatile Organics	04/30/2021
MW-X 20210430 [Field Duplicate of MW-02 20210430]	460-233338-3	CP-51 Analyte List for Volatile Organics	04/30/2021
MW-03 20210430	460-233338-4	CP-51 Analyte List for Volatile Organics	04/30/2021
TB 20210430	460-233338-5	CP-51 Analyte List for Volatile Organics	04/30/2021
FB 20210430	460-233338-6	CP-51 Analyte List for Volatile Organics	04/30/2021
MW-01 20210712	460-238659-1	CP-51 Analyte List for Volatile Organics	07/12/2021
MW-02 20210712 [Plus, MS/MSD]	460-238659-2	CP-51 Analyte List for Volatile Organics	07/12/2021
MW-03 20210712	460-238659-3	CP-51 Analyte List for Volatile Organics	07/12/2021
TB 20210712	460-238659-4	CP-51 Analyte List for Volatile Organics	07/12/2021
FB 20210712	460-238659-5	CP-51 Analyte List for Volatile Organics	07/12/2021
MW-X 20210712 [Field Duplicate of MW-01 20210712]	460-238659-6	CP-51 Analyte List for Volatile Organics	07/12/2021
MW-01 20211008 [Plus, MS/MSD]	460-244788-1	CP-51 Analyte List for Volatile Organics	10/08/2021
MW-02 20211008	460-244788-2	CP-51 Analyte List for Volatile Organics	10/08/2021
MW-03 202101008	460-244788-3	CP-51 Analyte List for Volatile Organics	10/08/2021
MW-X 20211008 [Field Duplicate of MW-02 20211008]	460-244788-4	CP-51 Analyte List for Volatile Organics	10/08/2021
TB 20211008	460-244788-5	CP-51 Analyte List for Volatile Organics	10/08/2021
FB 20211008	460-244788-6	CP-51 Analyte List for Volatile Organics	10/08/2021

**Data Qualifier Definitions:**

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

**U** - The analyte was analyzed for but was not detected above the reported sample quantitation limit.

**J** - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

**UJ** - The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

**R** - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

**N** - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

**NJ** - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

**J+** - The result is an estimated quantity, but the result may be biased high.  
(Equis qualified, JK)

**J-** - The result is an estimated quantity, but the result may be biased low.  
(Equis qualified, JL)

**D** - Analyte concentration is from diluted analysis.

**Sample Receipt:**

The Chain of Custody documents indicates that the samples were received at Eurofins TestAmerica Laboratories via laboratory courier upon completion of the sampling events on April 30, 2021, July 12, 2021, and October 08, 2021. Sample login notes were generated. The cooler temperature for sample receipts was recorded upon receipt at Eurofins TestAmerica and determined to be acceptable (< 6 degrees C). The actual temperatures (2.2, 1.5 and 2.2 degrees C) are documented on the chain of custody documents and in the case narratives provided in Appendix A and B of this report. No problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good.

The data summary Form I's included in Appendix C and Equis deliverable includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report. All data validation qualifications have been reported on the Form I's and onto the excel spreadsheet for ease of review and verification.

**NOTE:**

L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

**1.0 CP-51 Volatile Organics by GC/MS SW846 Method 8260D**

The following method criteria were reviewed: holding times, SMCs, MS, MSD, Laboratory Spiked Blanks, Field Duplicates, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are valid and useable as noted within the following text:

**1.1 Holding Time**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J." The non-detects (sample quantitation limits) are required to be flagged as estimated, "J," or unusable, "R," if the holding times are grossly exceeded.

**Samples were analyzed within the Method required holding times as well as the technical holding times for data validation of 14 days for HCL preserved vials.**

**1.2 System Monitoring Compound (Surrogate) Recovery**

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

**Surrogate recoveries (%R) for Dibromofluoromethane, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene (BFB) were found to be within acceptable limits for all samples.**

**1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)**

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

**MS/MSD analysis on MW-01\_20210430, MW-02\_20210712, and MW-01\_20211008 yielded acceptable recovery and RPD for all spiked compounds. The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data. No qualifications to the data are required based on MS/MSD data.**



#### 1.4 Laboratory Control Sample/Laboratory Control Duplicate

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

**Acceptable LCS was analyzed with each analytical batch. Recovery values were acceptable for all spiked analytes.**

#### 1.5 Blank Contamination

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		$\geq$ CRQL* and $<2\times$ the CRQL**	No qualification required
	>CRQL*	$\leq$ CRQL*	Report CRQL value with a U
		$\geq$ CRQL* and $\leq$ blank concentration	Report blank value for sample concentration with a U
		$\geq$ CRQL* and > blank concentration	No qualification required
	=CRQL*	$\leq$ CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

\*2x the CRQL for methylene chloride, 2-butanone, and acetone.

\*\*Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

**No target analytes were detected in the method blanks.**

B) **Field Blank Contamination:**

**No target analytes were detected in FB\_20210430, FB\_20210712, or FB\_20211008.**

C) **Trip Blank Contamination:**

**No target analytes were detected in TB\_20210430, TB\_20210712, or TB\_20211008.**

D) **Storage Blank Contamination**

**Storage blanks were not submitted. It should be noted that storage blanks are not required for SW846 Methods 8260D.**

#### 1.6 GC/MS Instrument Performance Check (Tuning)

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

**Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB) [once prior to ICAL] for all analyses.**

#### **1.7 Initial and Continuing Calibrations**

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can produce acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable (<30%) for all target analytes.

##### **A) Response Factor GC/MS:**

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be  $\geq 0.05$  in both initial and continuing calibrations. A value  $<0.05$  indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J." All non-detects for that compound in the corresponding samples will be rejected, "R." Method 8260D allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be  $\geq 0.01$  for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane, 1,2-Dibromo-3-Chloropropane, Isopropyl benzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane).

**Response factors for the target analytes reported were found to be within acceptable limits ( $\geq 0.05$ ) and ( $\geq 0.01$  for poor responders) and minimum response criteria in Table 4 of Method 8260D, for the initial and continuing calibrations for all reported analytes.**

##### **B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):**

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be  $<20\%$  and %D must be  $<20\%$ . A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ." If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R," unusable. Additionally, in cases where the %RSD is  $>20\%$  and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Closing CCV must meet 30% criteria. Poor responders must be  $\leq 40\%$ . ICV also met acceptance criteria.

\*Method 8260D allows for several analytes to be outside requirements due to the large number of compounds analyzed by this method.

**Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.**

**Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) and (40% for poor responders) for all reported compounds.**

### **1.8 Internal Standards**

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity. If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Samples were spiked with the internal standards 1,4-Dioxane-d8, Chlorobenzene-d5, 1,4-Dichlorobenzene-d4, TBA-d9, 2-Butanone-d5 and Fluorobenzene prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples.

### **1.9 Field Duplicates**

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Acceptable RPD is 25% for aqueous samples.

Field Duplicates were collected with each sampling event as follows:

MW-02 20210430 = MW-X 20210430

MW-01 20210712 = MW-X 20210712

MW-02 20211008 = MW-X 20211008

Precision is acceptable for all detections.

### **1.10 Target Compound List Identification**

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within  $\pm 0.06$ RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. All retention times were within required specifications.

### **1.11 Compound Quantification and Reported Detection Limits**

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846 and response factors were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Groundwater samples were analyzed undiluted.

### **1.12 Overall System Performance**

Good resolution and chromatographic performance were observed.

Reviewer's Signature

*Paul A. Beyer*

Date

*10/29/2021*

**Appendix A  
Chain of Custody Documents  
And Sample Receipt Checklists**

Address

TAL-8210

<b>Client Contact</b> Company Name: <u>Apex Inc</u> Address: <u>440 park ave s 7th fl</u> City/State/Zip: <u>NY NY</u> Phone: _____ Fax: _____ Project Name: <u>601 W 29th St</u> Site: <u>NY NY</u> PO#: <u>170087</u>		<b>Project Manager:</b> <u>Adrienne Basso</u> Tel/Email: <u>Abasso@apexinc.com</u> Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Site Contact:</b> <u>Stewart</u> Lab Contact: _____ Date: <u>9/30/21</u> Carrier: _____ COC No: <u>1</u> of <u>1</u> COCs	
For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No: <u>3538</u>		Sample Specific Notes: _____			
Sample Identification MW-01-20210430 MW-01-20210430-MS MW-01-20210430-MSD MW-02-20210430 MW-X-20210430 MW-03-20210430 TB-20210430 FB-20210430		Sample Date <u>9/30/21</u> <u>9/30/21</u> <u>9/30/21</u> <u>11/05/21</u> <u>11/10/21</u> <u>12/10/21</u> <u>0000</u> <u>9/30/21</u>		Sample Time <u>0940</u> <u>0945</u> <u>0950</u> <u>1105</u> <u>1110</u> <u>1310</u> <u>0000</u> <u>1315</u>	
Sample Type (C=Comp, G=Grab) <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u>		Matrix <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u>		# of Cont. <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>2</u> <u>2</u>	
Filtered Sample (Y/N) <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u>		Perform MS/MSD (Y/N) <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u> <u>Y</u>		Chain of Custody 460-233338	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments: <u>Cat B deliverables Fax EDD</u>					
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Shipped by: <u>Gannar</u>		Custody Seal No.: _____ Company: <u>Apex</u>		Cooler Temp. (°C): _____ Obs'd: _____ Company: <u>Apex</u>	
Received by: <u>Gannar</u> Date/Time: <u>9/30/21 1130</u>		Received by: <u>Adrienne Basso</u> Date/Time: <u>9/30/21 1130</u>		Received by: <u>Adrienne Basso</u> Date/Time: <u>9/30/21 1130</u>	

25.225811





244788

<b>Regulatory Program:</b> <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		<b>Project Manager:</b> admin@b3d.com <b>Tel/Email:</b> admin@b3d.com		<b>Site Contact:</b> <i>E. Fournier</i> <b>Lab Contact:</b> <i>M. Adams</i>		<b>Date:</b> 10/18/21 <b>Carrier:</b>		<b>COC No:</b>	
<b>Company Name:</b> <i>AKAF Inc</i> <b>Address:</b> <i>440 Park Ave S 2nd</i> <b>City/State/Zip:</b> <i>NY NY 10016</i> <b>Phone:</b> <i>914 874 3358</i> <b>Fax:</b>		<b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: _____ 2 weeks 1 week 1 day		<b>Filtered Sample (Y/N)</b> <b>Perform MS/MSD (Y/N)</b>		<b>Sample Specific Notes:</b>		<b>For Lab Use Only:</b> Walk-in Client: <input type="checkbox"/> Lab Sampling: <input type="checkbox"/> Job / SDG No.:	
<b>Project Name:</b> <i>601 W 24th St</i> <b>Site:</b> <i>NY NY</i> <b>PO #:</b> <i>170087</i>		<b>Sample Identification</b>		<b>Sample Date</b>		<b>Sample Time</b>		<b>Sample Type (C-Comp, G-Grab)</b>	
<i>MW-01-20211008</i>		<i>10/18/21</i>		<i>930</i>		<i>G</i>		<i>W</i>	
<i>MW-02-20211008</i>				<i>1105</i>		<i>I</i>		<i>I</i>	
<i>MW-03-20211008</i>				<i>1220</i>		<i>I</i>		<i>I</i>	
<i>MW-01-20211008-MS</i>				<i>935</i>		<i>I</i>		<i>I</i>	
<i>MW-01-20211008-MSD</i>				<i>940</i>		<i>I</i>		<i>I</i>	
<i>MW-X-20211008</i>				<i>1115</i>		<i>I</i>		<i>I</i>	
<i>TB-20211008</i>				<i>0000</i>					
<i>FB-20211008</i>				<i>1230</i>		<i>G</i>		<i>W</i>	

## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-233338-1

Login Number: 233338

List Number: 1

Creator: Rivera, Kenneth

List Source: Eurofins 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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	



## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-238659-1

Login Number: 238659

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: DiGuardia, Joseph L

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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	

## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-244788-1

Login Number: 244788

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Khlungprakhon, Sukanya

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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	

**Appendix B  
Case Narratives**

## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

### Report Number: 460-233338-1 Revised Report #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.

#### REVISED REPORT #1

The following report required a revision: 460-233338-1. Details are as follows: The client requested the reporting of individual xylenes, not originally requested.

#### RECEIPT

The samples were received on 4/30/2021 5:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2° C.

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

#### VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-01\_20210430 (460-233338-1), MW-02\_20210430 (460-233338-2), MW-X\_20210430 (460-233338-3), MW-03\_20210430 (460-233338-4), TB\_20210430 (460-233338-5) and FB\_20210430 (460-233338-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/04/2021.

No difficulties were encountered during the Volatiles analysis.

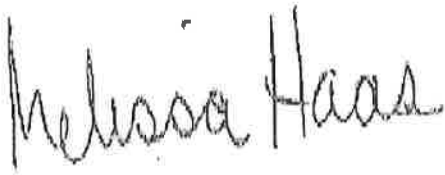
All quality control parameters were within the acceptance limits.

*for 10/28/24*

Job Number: 460-233338-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath the name.

Approved for release.  
Melissa Haas  
Senior Project Manager  
5/12/2021 10:48 AM

Melissa Haas

## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

Report Number: 460-238659-1

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 07/12/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.5 C.

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

### VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MWV-01\_20210712 (460-238659-1), MWV-02\_20210712 (460-238659-2), MWV-03\_20210712 (460-238659-3), TB\_20210712 (460-238659-4), FB\_20210712 (460-238659-5) and MWV-X\_20210712 (460-238659-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 07/15/2021.

No difficulties were encountered during the Volatiles analysis.

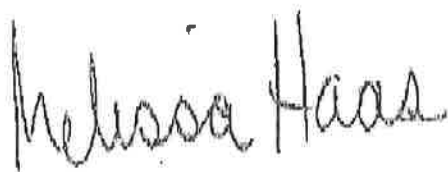
All quality control parameters were within the acceptance limits.

*for 10/20/21*

Job Number: 460-238659-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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

A handwritten signature in cursive script that reads "Melissa Haas".

Approved for release.  
Melissa Haas  
Senior Project Manager  
7/16/2021 5:01 PM

---

Melissa Haas

## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

Report Number: 460-244788-1

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 10/08/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.2 C.

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

### VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-01\_20211008 (460-244788-1), MW-02\_20211008 (460-244788-2), MW-03\_20211008 (460-244788-3), MW-X\_20211008 (460-244788-4), TB\_20211008 (460-244788-5) and FB\_20211008 (460-244788-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/13/2021.

No difficulties were encountered during the Volatiles analysis.

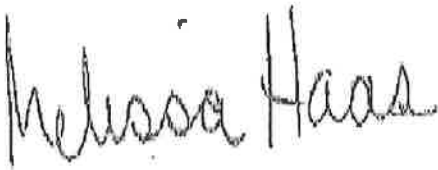
All quality control parameters were within the acceptance limits.



Job Number: 460-244788-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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



Approved for release.  
Melissa Haas  
Senior Project Manager  
10/15/2021 8:01 AM

---

Melissa Haas

**Appendix C  
Data Summary Form I's  
With Qualifications**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20210430 Lab Sample ID: 460-233338-1  
 Matrix: Water Lab File ID: V01273.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 09:40  
 Sample wt/vol: 5(mL) Date Analyzed: 05/04/2021 18:27  
 Soil Aliquot Vol.: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	2.7		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.43	J	1.0	0.33
99-87-6	4-Isopropyltoluene	6.2		1.0	0.37
71-43-2	Benzene	1.5		1.0	0.20
100-41-4	Ethylbenzene	25		1.0	0.30
98-82-8	Isopropylbenzene	3.9		1.0	0.34
1634-04-4	Methyl tert-butyl ether	3.0		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	69		1.0	0.30
91-20-3	Naphthalene	8.0		1.0	0.88
104-51-8	n-Butylbenzene	0.44	J	1.0	0.32
103-65-1	N-Propylbenzene	3.7		1.0	0.32
95-47-6	o-Xylene	29		1.0	0.36
135-98-8	sec-Butylbenzene	0.83	J	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	3.1		1.0	0.38
1330-20-7	Xylenes, Total	99		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	89		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20210430 Lab Sample ID: 460-233338-2  
 Matrix: Water Lab File ID: V01274.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 11:05  
 Sample wt/vol: 5(mL) Date Analyzed: 05/04/2021 18:49  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	4.3		1.0	0.37
71-43-2	Benzene	3.7		1.0	0.20
100-41-4	Ethylbenzene	7.2		1.0	0.30
98-82-8	Isopropylbenzene	1.4		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.58	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	25		1.0	0.30
91-20-3	Naphthalene	2.7		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.33	J	1.0	0.32
95-47-6	o-Xylene	10		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	3.0		1.0	0.38
1330-20-7	Xylenes, Total	35		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-123
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-233338-1

SDG No.:

Client Sample ID: MW-X 20210430

Lab Sample ID: 460-233338-3

Matrix: Water

MW-02-20210430

Lab File ID: V01275.D

Analysis Method: 8260D

Date Collected: 04/30/2021 11:10

Sample wt/vol: 5 (mL)

Date Analyzed: 05/04/2021 19:12

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.: 775633

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	4.4		1.0	0.37
71-43-2	Benzene	3.7		1.0	0.20
100-41-4	Ethylbenzene	7.3		1.0	0.30
98-82-8	Isopropylbenzene	1.3		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.61	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	27		1.0	0.30
91-20-3	Naphthalene	3.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.38	J	1.0	0.32
95-47-6	o-Xylene	11		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	3.2		1.0	0.38
1330-20-7	Xylenes, Total	37		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-123
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	90		80-120

JG 10/25/21

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-03\_20210430 Lab Sample ID: 460-233338-4  
 Matrix: Water Lab File ID: V01276.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 13:10  
 Sample wt/vol: 5(mL) Date Analyzed: 05/04/2021 19:35  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.40	J	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	26		1.0	0.37
71-43-2	Benzene	0.57	J	1.0	0.20
100-41-4	Ethylbenzene	0.50	J	1.0	0.30
98-82-8	Isopropylbenzene	0.47	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.69	J	1.0	0.30
91-20-3	Naphthalene	2.9		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.53	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.39	J	1.0	0.38
1330-20-7	Xylenes, Total	1.2	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-233338-1</u>
SDG No.: _____	
Client Sample ID: <u>TB_20210430</u>	Lab Sample ID: <u>460-233338-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>V01271.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>04/30/2021 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/04/2021 17:41</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>775633</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-123
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: FB\_20210430 Lab Sample ID: 460-233338-6  
 Matrix: Water Lab File ID: V01272.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 13:15  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 18:04  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20210712 Lab Sample ID: 460-238659-1  
 Matrix: Water Lab File ID: V04587.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 10:55  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 18:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.60	J	1.0	0.30
98-82-8	Isopropylbenzene	0.35	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	1.5		1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.87	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.57	J	1.0	0.38
1330-20-7	Xylenes, Total	2.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20210712 Lab Sample ID: 460-238659-2  
 Matrix: Water Lab File ID: V04585.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 11:25  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 18:05  
 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	2.1		1.0	0.37
71-43-2	Benzene	2.5		1.0	0.20
100-41-4	Ethylbenzene	8.2		1.0	0.30
98-82-8	Isopropylbenzene	0.76	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	14		1.0	0.30
91-20-3	Naphthalene	3.9		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	9.5		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	7.2		1.0	0.38
1330-20-7	Xylenes, Total	24		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-03\_20210712 Lab Sample ID: 460-238659-3  
 Matrix: Water Lab File ID: V04586.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 13:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 18:26  
 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	6.8		1.0	0.37
71-43-2	Benzene	0.55	J	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.40	J	1.0	0.30
91-20-3	Naphthalene	1.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.42	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.64	J	1.0	0.38
1330-20-7	Xylenes, Total	0.82	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-238659-1</u>
SDG No.: _____	
Client Sample ID: <u>TB_20210712</u>	Lab Sample ID: <u>460-238659-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>V04553.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>07/12/2021 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/15/2021 02:12</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>790298</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-238659-1</u>
SDG No.: _____	
Client Sample ID: <u>FB_20210712</u>	Lab Sample ID: <u>460-238659-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>V04554.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>07/12/2021 10:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/15/2021 02:34</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>790298</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-238659-1

SDG No.:

Client Sample ID: MW-X 20210712

Lab Sample ID: 460-238659-6

Matrix: Water

*MW-01 - 20210712*

Lab File ID: V04588.D

Analysis Method: 8260D

Date Collected: 07/12/2021 10:00

Sample wt/vol: 5(mL)

Date Analyzed: 07/15/2021 19:10

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.: 790464

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.50	J	1.0	0.30
98-82-8	Isopropylbenzene	0.34	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	1.2		1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.77	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.51	J	1.0	0.38
1330-20-7	Xylenes, Total	1.9	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

*Handwritten signature and date: 10/28/21*

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison	Job No.: 460-244788-1
SDG No.:	
Client Sample ID: MW-01_20211008	Lab Sample ID: 460-244788-1
Matrix: Water	Lab File ID: TT45738.D
Analysis Method: 8260D	Date Collected: 10/08/2021 09:30
Sample wt/vol: 5(mL)	Date Analyzed: 10/13/2021 11:15
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: DB-624 ID: 0.18(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 806689	Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1.5		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.34	J	1.0	0.33
99-87-6	4-Isopropyltoluene	0.71	J	1.0	0.37
71-43-2	Benzene	1.4		1.0	0.20
100-41-4	Ethylbenzene	6.5		1.0	0.30
98-82-8	Isopropylbenzene	2.8		1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.7		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	2.9		1.0	0.30
91-20-3	Naphthalene	4.2		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	2.3		1.0	0.32
95-47-6	o-Xylene	2.7		1.0	0.36
135-98-8	sec-Butylbenzene	0.55	J	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	1.0		1.0	0.38
1330-20-7	Xylenes, Total	5.6		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison	Job No.: 460-244788-1
SDG No.:	
Client Sample ID: MW-02_20211008	Lab Sample ID: 460-244788-2
Matrix: Water	Lab File ID: TT45739.D
Analysis Method: 8260D	Date Collected: 10/08/2021 11:05
Sample wt/vol: 5(mL)	Date Analyzed: 10/13/2021 11:35
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: DB-624 ID: 0.18 (mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 806689	Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	5.5		1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	1.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.30	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.34	J	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.44	J	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-03\_20211008 Lab Sample ID: 460-244788-3  
 Matrix: Water Lab File ID: TT45740.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 12:20  
 Sample wt/vol: 5(mL) Date Analyzed: 10/13/2021 11:56  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	J	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	12		1.0	0.37
71-43-2	Benzene	0.62	J	1.0	0.20
100-41-4	Ethylbenzene	0.38	J	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.61	J	1.0	0.30
91-20-3	Naphthalene	1.3		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.42	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	1.1		1.0	0.38
1330-20-7	Xylenes, Total	1.0	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Client Sample ID: MW-X 20211008

Lab Sample ID: 460-244788-4

Matrix: Water MW-02-20211008

Lab File ID: TT45741.D

Analysis Method: 8260D

Date Collected: 10/08/2021 11:10

Sample wt/vol: 5 (mL)

Date Analyzed: 10/13/2021 12:17

Soil Aliquot Vol: \_\_\_\_\_

Dilution Factor: 1

Soil Extract Vol.: \_\_\_\_\_

GC Column: DB-624 ID: 0.18 (mm)

% Moisture: \_\_\_\_\_

Level: (low/med) Low

Analysis Batch No.: 806689

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	5.6		1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	1.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.27	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.38	J	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.44	J	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

*Jan 10/28/21*

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: TB\_20211008 Lab Sample ID: 460-244788-5  
 Matrix: Water Lab File ID: TT45733.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 00:00  
 Sample wt/vol: 5(mL) Date Analyzed: 10/13/2021 09:31  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
SDG No.:  
Client Sample ID: FB\_20211008 Lab Sample ID: 460-244788-6  
Matrix: Water Lab File ID: TT45735.D  
Analysis Method: 8260D Date Collected: 10/08/2021 12:30  
Sample wt/vol: 5(mL) Date Analyzed: 10/13/2021 10:13  
Soil Aliquot Vol: Dilution Factor: 1  
Soil Extract Vol.: GC Column: DB-624 ID: 0.18 (mm)  
% Moisture: Level: (low/med) Low  
Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

**DATA USABILITY SUMMARY REPORT – DUSR  
DATA VALIDATION SUMMARY**

**ORGANIC ANALYSIS**

**VOLATILES BY GC/MS METHOD 8260D – CP-51 ANALYTE LIST**

**For Groundwater Samples Collected  
January 07, 2022, and January 12, 2022  
From 601 W. 29<sup>th</sup> Street, New York, NY  
Collected by AKRF, Inc.  
Project No: 170087**

**SAMPLE DELIVERY GROUP NUMBER:  
460-250372-1  
BY EUROFINS TESTAMERICA LABORATORIES  
EDISON (ELAP #11452)**

**SUBMITTED TO:**

**Ms. Adrianna Bosco  
AKRF, Inc.  
440 Park Avenue South, 7<sup>th</sup> Floor  
New York, NY 10016**

**February 10, 2022**

**PREPARED BY:**

**Lori A. Beyer/President  
L.A.B. Validation Corp.  
14 West Point Drive  
East Northport, NY 11731**

*Lori A. Beyer*

**601 W. 29<sup>th</sup> Street, New York, NY – Groundwater Samples**

January 2022 Sampling Events.

Data Usability Summary Report (Data Validation):

Volatile Organics – CP-51 Analyte List Volatiles by SW-846 Method 8260D

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1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)

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**APPENDICES:**

A. Chain of Custody Documents and Sample Receipt Checklists

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C. Data Summary Form I's with Qualifications

**Introduction:**

A validation was performed on groundwater samples and the associated quality control samples (Field Duplicate/MS/MSD/Field Blank/Trip Blank) for organic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Eurofins TestAmerica (Edison) Laboratories for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below. The groundwater samples were collected on January 07, 2022, and January 12, 2022. The samples were analyzed by Eurofins TestAmerica Laboratories, utilizing SW846 Methods 5030C/8260D and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing consisted of the CP-51 List for Volatile Organics. The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic Data Review and EPA Region II SOP for 8260 and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant. This data validation report pertains to the following samples:

Sample ID	Lab ID	Matrix	Analysis	Date Collected/Received
MW-01_20220107 [Plus, MS/MSD]	460-250372-1	Groundwater	CP-51 Volatiles by 8260D	01/07/2022
MW-X_20220107 [Field Duplicate of MW-01_20220107]	460-250372-2	Groundwater	CP-51 Volatiles by 8260D	01/07/2022
TB_01_20220107	460-250372-3	Aqueous	CP-51 Volatiles by 8260D	01/07/2022
FB-01_20220107	460-250372-4	Aqueous	CP-51 Volatiles by 8260D	01/07/2022
MW-03_20220107	460-250372-5	Groundwater	CP-51 Volatiles by 8260D	01/07/2022
MW-02_20220112	460-250694-1	Groundwater	CP-51 Volatiles by 8260D	01/12/2022, 01/13/2022

**Data Qualifier Definitions:**

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

- U - The analyte was analyzed for but was not detected above the reported sample quantitation limit.
- J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ - The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.
- N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."
- NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.
- J+ - The result is an estimated quantity, but the result may be biased high. (Equis qualified, JK)
- J- - The result is an estimated quantity, but the result may be biased low. (Equis qualified, JL)
- D - Analyte concentration is from diluted analysis.

**Sample Receipt:**

The Chain of Custody documents indicate that the samples were received at Eurofins TestAmerica (Edison) Laboratories via laboratory courier upon completion of the sampling events on January 07, 2022, and January 13, 2022. Sample login notes were generated. The cooler temperatures for the samples were recorded upon receipt at Eurofins TestAmerica Laboratories and determined to be acceptable (<6.0 degrees C). The actual temperatures (2.2 and 2.8 degrees C) are documented in the case narrative and chain of custody documents provided in Appendix A/B of this report.

The data summary Form I's included in Appendix C and Equis deliverable includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report. All data validation qualifications have been reported on the Form I's and onto the excel spreadsheet for ease of review and verification.

**NOTE:**

L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

**1.0 Volatile Organics by GC/MS SW846 Method 5030C/8260D – CP-51**

**Analyte List**

The following method criteria were reviewed: holding times, SMCs/Surrogates, MS, MSD, LCS/LCS Duplicates, Field Duplicates, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are valid and useable as noted within the following as noted within the following text:

**1.1 Holding Time**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

**Samples were analyzed within the method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis for acid preserved liquid samples. No validation qualifiers were required based on holding time or sample preservation.**

**1.2 System Monitoring Compound (Surrogate) Recovery**

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

**Surrogate recoveries (%R) were found to be within acceptable limits for all four (4) surrogate compounds. No qualifiers were required.**

**1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)**

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.



**MS/MSD analysis of MW-01\_20220107 yielded acceptable recovery and RPD (<30%) for all spiked analytes. The National Functional Guidelines and EPA Region 2 SOPs state that “No qualifications to the data are necessary based on MS data alone.”**

#### **1.4 Laboratory Control Sample/Laboratory Control Duplicate**

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

**LCS/LCS Duplicates were analyzed for each sequence. Recovery values and RPD were acceptable for all spiked compounds.**

#### **1.5 Blank Contamination**

Quality assurance (QA) blanks, i.e., method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. The following table was utilized to qualify target analyte results due to contamination.

The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>= CRQL* and <2x the CRQL**	No qualification required
		<= CRQL*	Report CRQL value with a U
	>CRQL*	>= CRQL* and <= blank concentration	Report blank value for sample concentration with a U
		>= CRQL* and > blank concentration	No qualification required
		<= CRQL*	Report CRQL value with a U
	=CRQL*	>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

\*2x the CRQL for methylene chloride, 2-butanone, and acetone.

\*\*4x the CRQL for methylene chloride, 2-butanone, and acetone

\*\*\*Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L. Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

##### **A) Method Blank Contamination:**

**Target analytes were not detected in the method blanks associated with sample analysis.**

##### **B) Field/Equipment Blank Contamination:**

**No target analytes were detected in FB\_20220107.**

##### **C) Trip Blank Contamination:**

**No target analytes were detected in TB\_20220107.**

#### **1.6 GC/MS Instrument Performance Check**

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

**Instrument performance was generated within acceptable limits and frequency (once prior to ICAL) for Bromofluorobenzene (BFB) for all analyses.**

#### **1.7 Initial and Continuing Calibrations**

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can give acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

##### **A) Response Factor GC/MS:**

The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be  $\geq 0.05$  in both initial and continuing calibrations. A value  $< 0.05$  indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R". Method 8260D allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be  $\geq 0.01$  for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane, 1,2-Dibromo-3-chloropropane Isopropylbenzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane).

**Response factors for the target analytes reported were found to be within acceptable limits ( $\geq 0.05$ ) and ( $\geq 0.01$  for poor responders) and minimum response criteria in Table 4 of Method 8260D, for the initial and continuing calibrations for all reported analytes.**

##### **B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):**

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be  $< 20\%$  and %D must be  $< 20\%$ . A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is  $> 20\%$  and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Acceptable ICV was analyzed. ICV must meet 30% criteria. Poor responders must be  $\leq 40\%$ .

\*Method 8260D allows for several analytes to be outside requirements due to the large number of compounds.

**Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.**

**Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits for all reported compounds with exceptions noted below:**

**CCAL CVOAMS17 01/14/2022 – Tert-Butylbenzene – 26.2%; "UJ" non-detects in MW-02\_20220112.**

#### **1.8 Internal Standards**

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity. If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

**Samples were spiked with the internal standards Chlorobenzene-d5, Fluorobenzene, 1,4-Dichlorobenzene-d4, TBA-d9 and 1,4-Dioxane-d8 prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples.**

#### **1.9 Field Duplicates**

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Acceptable precision for liquid samples is 25%.

**Field Duplicate analysis was collected on as MW-01\_20220107 as MW-X\_20220107. Acceptable precision was observed for all detected analytes.**

#### **1.10 Target Compound List Identification**

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within  $\pm 0.06$ RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

**GC/MS spectra met the qualitative criteria for identification. Retention times were within required specifications.**

#### **1.11 Compound Quantification and Reported Detection Limits**

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846, response factors were used to calculate final concentrations.

**As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Samples were analyzed undiluted at 5mls.**

#### **1.12 Overall System Performance**

**Good resolution and chromatographic performance were observed.**

Reviewer's Signature *Paul A. Beyer* Date 02/10/2022

**Appendix A  
Chain of Custody Documents  
And Sample Receipt Checklists**

# Chain of Custody Record

580364

eurofins

Environment Testing  
TestAmerica

TAL-8210

Regulatory Program: ☐ RCRA ☐ Other:

<b>Client Contact</b> Company Name: <u>Arco Inc</u> Address: <u>440 2nd St S</u> City/State/Zip: <u>NY NY 10010</u> Phone: <u>212 874 3353</u> Fax: <u></u> Project Name: <u>20120107 MS</u> Site: <u>NY NY</u> P O #: <u>170387</u>		<b>Project Manager:</b> <u>Arco Inc</u> Tel/Email: <u>Arco Inc</u> Analysis Turnaround Time: <u>2 weeks</u> TAT if different from Below: <u>2 weeks</u> CALENDAR DAYS WORKING DAYS <u>1 day</u>		<b>Site Contact:</b> <u>Arco Inc</u> Date: <u>1/17/12</u> Lab Contact: <u>Arco Inc</u> Date: <u>1/17/12</u> Carrier: <u>Arco Inc</u> Date: <u>1/17/12</u>		COC No: <u>1</u> of <u>1</u> COCs Sampler: <u>Arco Inc</u> For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No: <u>250370</u>	
<b>Sample Identification</b>				Sample Specific Notes:			
Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)
MW-01-20220107	1/17/12	1050	G	W	3	X	X
MW-X-20220107	1/17/12	1055	G	W	3	X	X
MW-01-20220107-MS	1/17/12	1100	G	W	3	X	X
MW-01-20220107-MSD	1/17/12	1105	G	W	3	X	X
IB-20220107	1/17/12	1130	G	W	2	X	X
IB-20220107	1/17/12	1130	G	W	2	X	X
MW-03-20220107	1/17/12	1320	G	W	3	X	X
Barcode: 460-250372 Chain of Custody							
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other							
Possible Hazard Identification:							
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							
Special Instructions/QC Requirements & Comments:							
Custody Seal No.: <u>121118 SP6 open</u>							
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Cooler Temp (°C): <u>Obs'd</u>		Company: <u>Arco Inc</u>		Date/Time: <u>1/17/12 1340</u>	
Relinquished by: <u>Arco Inc</u>		Received by: <u>Arco Inc</u>		Company: <u>Arco Inc</u>		Date/Time: <u>1/17/12 1700</u>	
Relinquished by: <u>Arco Inc</u>		Received by: <u>Arco Inc</u>		Company: <u>Arco Inc</u>		Date/Time: <u>1/17/12 1800</u>	

5-Day RUSH

23 12- 2012

Address:

01/18/2022


## Chain of Custody Record 456719

Environment Testing  
TestAmerica

Address

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact		Project Manager: <u>Adriana Baez</u>		Site Contact: <u>Steve Schmitt</u>		Date: <u>1/12/12</u>		COC No:			
Company Name: <u>AKRF, Inc.</u>		Tel/Email: <u>400 Park Ave S 7th FL</u>		Lab Contact: <u>Melissa Hays</u>		Carrier:		Sampler:			
City/State/Zip: <u>NY NY 10016</u>		Phone: <u>646-388-9576</u>		Analysis Turnaround Time		For Lab Use Only:		Walk-In Client:			
Fax:		Project Name: <u>601 W 29th Street NY NY</u>		CALENDAR DAYS		Lab Sampling:		Job / SDE No:			
PO # <u>170087</u>		Site: <u>601 W 29th Street NY NY</u>		TAT if different from Below		Perform MS / MSD (Y / N)		Sample Specific Notes:			
		Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		# of Cont.	
		Sample Date		Sample Time		Matrix		Sample			
MW-02-20220112		1/12/12		900		G		W3		X	
<div style="text-align: center;"> 460-250694 Chain of Custody</div>											
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other											
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown											
Special Instructions/QC Requirements & Comments: Add to SDB- 460-250372											
Custody Seal No: <u>460-250372</u>											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No											
Relinquished by: <u>[Signature]</u> Date/Time: <u>1/12/12</u> Company: <u>AKRF</u>											
Relinquished by: <u>[Signature]</u> Date/Time: <u>1-13-12</u> Company: <u>ETA</u>											
Relinquished by: <u>[Signature]</u> Date/Time: <u>1/13/12</u> Company: <u>ETA</u>											

2.9 28 389

## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-250372-1

Login Number: 250372

List Source: Eurofins Edison

List Number: 1

Creator: Lysy, Susan

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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-250372-1

Login Number: 250694

List Source: Eurofins Edison

List Number: 1

Creator: Lysy, Susan

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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	



**Appendix B  
Case Narrative**

## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

Report Number: 460-250372-1

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 1/7/2022 6:00 PM and 1/13/2022 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.2° C and 2.8° C.

### Receipt Exceptions

Per laboratory policy the TB sample date/time was added to reflect the latest sample date/time of the sampling event.

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

### VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-01\_20220107 (460-250372-1), MW-X\_20220107 (460-250372-2), TB\_20220107 (460-250372-3), FB\_20220107 (460-250372-4) and MW-03\_20220107 (460-250372-5) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 01/12/20

The continuing calibration verification (CCV) analyzed in batch 460-823456 was outside the method criteria for the following analyte(s): tert-Butylbenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

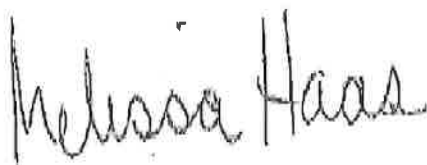
All other quality control parameters were within the acceptance limits.

for 2/19/22

Job Number: 460-250372-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath.

Approved for release:  
Melissa Haas  
Senior Project Manager  
1/18/2022 8:23 AM

Melissa Haas

**Appendix C  
Data Summary Form I's  
With Qualifications**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-250372-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-01_20220107</u>	Lab Sample ID: <u>460-250372-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>T60513.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>01/07/2022 10:50</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>01/12/2022 02:57</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18(mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>822812</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.45	J	1.0	0.20
100-41-4	Ethylbenzene	3.5		1.0	0.30
98-82-8	Isopropylbenzene	1.0		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.33	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	3.5		1.0	0.30
91-20-3	Naphthalene	1.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.66	J	1.0	0.32
95-47-6	o-Xylene	4.5		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.59	J	1.0	0.38
1330-20-7	Xylenes, Total	8.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

for 21 9/22

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison

Job No.: 460-250372-1

SDG No.:

Client Sample ID: MW-X\_20220107

Lab Sample ID: 460-250372-2

Matrix: Water

MW-01-20220107

Lab File ID: T60514.D

Analysis Method: 8260D

Date Collected: 01/07/2022 10:55

Sample wt/vol: 5(mL)

Date Analyzed: 01/12/2022 03:18

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: DB-624 ID: 0.18(mm)

% Moisture:

Level: (low/med) Low

Analysis Batch No.: 822812

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.46	J	1.0	0.20
100-41-4	Ethylbenzene	3.8		1.0	0.30
98-82-8	Isopropylbenzene	1.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.35	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	3.9		1.0	0.30
91-20-3	Naphthalene	1.3		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.70	J	1.0	0.32
95-47-6	o-Xylene	4.9		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.64	J	1.0	0.38
1330-20-7	Xylenes, Total	8.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

*Handwritten signature and date: 01/19/22*

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: TB\_20220107 Lab Sample ID: 460-250372-3  
 Matrix: Water Lab File ID: T60511.D  
 Analysis Method: 8260D Date Collected: 01/07/2022 13:20  
 Sample wt/vol: 5(mL) Date Analyzed: 01/12/2022 02:14  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18(mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-123
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

*for 4/9/22*

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison

Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Client Sample ID: FB 20220107

Lab Sample ID: 460-250372-4

Matrix: Water

Lab File ID: T60512.D

Analysis Method: 8260D

Date Collected: 01/07/2022 11:30

Sample wt/vol: 5(mL)

Date Analyzed: 01/12/2022 02:35

Soil Aliquot Vol: \_\_\_\_\_

Dilution Factor: 1

Soil Extract Vol.: \_\_\_\_\_

GC Column: DB-624 ID: 0.18(mm)

% Moisture: \_\_\_\_\_

Level: (low/med) Low

Analysis Batch No.: 822812

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

for 2/9/22



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-250372-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-03_20220107</u>	Lab Sample ID: <u>460-250372-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>T60515.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>01/07/2022 13:20</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>01/12/2022 03:39</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18(mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>822812</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.39	J	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	15		1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.55	J	1.0	0.30
91-20-3	Naphthalene	1.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.42	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.59	J	1.0	0.38
1330-20-7	Xylenes, Total	0.97	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	116		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

for 1/19/22

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-250372-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-02_20220112</u>	Lab Sample ID: <u>460-250694-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT49393.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>01/12/2022 09:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>01/15/2022 00:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18(mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>823456</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	3.9		1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.78	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.49	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

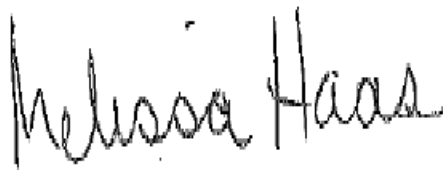
for 1/18/22

## ANALYTICAL REPORT

Job Number: 460-233338-1

Job Description: 601 W29th St, NY, NY 10001; #170087

For:  
AKRF Inc  
440 Park Avenue South  
7th Floor  
New York, NY 10016  
Attention: Ms. Adrianna Bosco



Approved for release.  
Melissa Haas  
Senior Project Manager  
5/12/2021 10:46 AM

---

Melissa Haas, Senior Project Manager  
777 New Durham Road, Edison, NJ, 08817  
(203)308-0880  
Melissa.Haas@Eurofinset.com  
05/12/2021  
Revision: 1

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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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

**Eurofins TestAmerica, Edison**

777 New Durham Road, Edison, NJ 08817

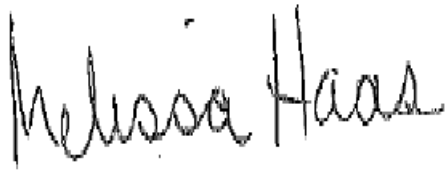
Tel (732) 549-3900 Fax (732) 549-3679 [www.testamericainc.com](http://www.testamericainc.com)



Job Number: 460-233338-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath the name.

Approved for release.  
Melissa Haas  
Senior Project Manager  
5/12/2021 10:46 AM

Melissa Haas

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## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

### Report Number: 460-233338-1 Revised Report #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.

#### **REVISED REPORT #1**

The following report required a revision: 460-233338-1. Details are as follows: The client requested the reporting of individual xylenes, not originally requested.

#### **RECEIPT**

The samples were received on 4/30/2021 5:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2° C.

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

#### **VOLATILE ORGANIC COMPOUNDS (GC/MS)**

Samples MW-01\_20210430 (460-233338-1), MW-02\_20210430 (460-233338-2), MW-X\_20210430 (460-233338-3), MW-03\_20210430 (460-233338-4), TB\_20210430 (460-233338-5) and FB\_20210430 (460-233338-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/04/2021.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

## Sample Summary

Client: AKRF Inc

Job ID: 460-233338-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-233338-1	MW-01_20210430	Water	04/30/21 09:40	04/30/21 17:30	
460-233338-2	MW-02_20210430	Water	04/30/21 11:05	04/30/21 17:30	
460-233338-3	MW-X_20210430	Water	04/30/21 11:10	04/30/21 17:30	
460-233338-4	MW-03_20210430	Water	04/30/21 13:10	04/30/21 17:30	
460-233338-5	TB_20210430	Water	04/30/21 00:00	04/30/21 17:30	
460-233338-6	FB_20210430	Water	04/30/21 13:15	04/30/21 17:30	



# Detection Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

**Client Sample ID: MW-01\_20210430**

**Lab Sample ID: 460-233338-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.7		1.0	0.37	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	0.43	J	1.0	0.33	ug/L	1		8260D	Total/NA
4-Isopropyltoluene	6.2		1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	1.5		1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	25		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	3.9		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	3.0		1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	69		1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	8.0		1.0	0.88	ug/L	1		8260D	Total/NA
n-Butylbenzene	0.44	J	1.0	0.32	ug/L	1		8260D	Total/NA
N-Propylbenzene	3.7		1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	29		1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	0.83	J	1.0	0.37	ug/L	1		8260D	Total/NA
Toluene	3.1		1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	99		2.0	0.65	ug/L	1		8260D	Total/NA

**Client Sample ID: MW-02\_20210430**

**Lab Sample ID: 460-233338-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	4.3		1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	3.7		1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	7.2		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.4		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.58	J	1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	25		1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	2.7		1.0	0.88	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.33	J	1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	10		1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	3.0		1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	35		2.0	0.65	ug/L	1		8260D	Total/NA

**Client Sample ID: MW-X\_20210430**

**Lab Sample ID: 460-233338-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	4.4		1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	3.7		1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	7.3		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.3		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.61	J	1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	27		1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	3.1		1.0	0.88	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.38	J	1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	11		1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	3.2		1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	37		2.0	0.65	ug/L	1		8260D	Total/NA

**Client Sample ID: MW-03\_20210430**

**Lab Sample ID: 460-233338-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.40	J	1.0	0.37	ug/L	1		8260D	Total/NA
4-Isopropyltoluene	26		1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	0.57	J	1.0	0.20	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

## Detection Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

### Client Sample ID: MW-03\_20210430 (Continued)

Lab Sample ID: 460-233338-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Ethylbenzene	0.50	J	1.0	0.30	ug/L	1			8260D	Total/NA
Isopropylbenzene	0.47	J	1.0	0.34	ug/L	1			8260D	Total/NA
m-Xylene & p-Xylene	0.69	J	1.0	0.30	ug/L	1			8260D	Total/NA
Naphthalene	2.9		1.0	0.88	ug/L	1			8260D	Total/NA
o-Xylene	0.53	J	1.0	0.36	ug/L	1			8260D	Total/NA
Toluene	0.39	J	1.0	0.38	ug/L	1			8260D	Total/NA
Xylenes, Total	1.2	J	2.0	0.65	ug/L	1			8260D	Total/NA

### Client Sample ID: TB\_20210430

Lab Sample ID: 460-233338-5

☐ No Detections.

### Client Sample ID: FB\_20210430

Lab Sample ID: 460-233338-6

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

# Method Summary

Client: AKRF Inc

Job ID: 460-233338-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

## Protocol References:

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

## Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

Client Sample ID: MW-01\_20210430

Lab Sample ID: 460-233338-1

Date Collected: 04/30/21 09:40

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	2.7		1.0	0.37	ug/L			05/04/21 18:27	1
1,3,5-Trimethylbenzene	0.43	J	1.0	0.33	ug/L			05/04/21 18:27	1
4-Isopropyltoluene	6.2		1.0	0.37	ug/L			05/04/21 18:27	1
Benzene	1.5		1.0	0.20	ug/L			05/04/21 18:27	1
Ethylbenzene	25		1.0	0.30	ug/L			05/04/21 18:27	1
Isopropylbenzene	3.9		1.0	0.34	ug/L			05/04/21 18:27	1
Methyl tert-butyl ether	3.0		1.0	0.22	ug/L			05/04/21 18:27	1
m-Xylene & p-Xylene	69		1.0	0.30	ug/L			05/04/21 18:27	1
Naphthalene	8.0		1.0	0.88	ug/L			05/04/21 18:27	1
n-Butylbenzene	0.44	J	1.0	0.32	ug/L			05/04/21 18:27	1
N-Propylbenzene	3.7		1.0	0.32	ug/L			05/04/21 18:27	1
o-Xylene	29		1.0	0.36	ug/L			05/04/21 18:27	1
sec-Butylbenzene	0.83	J	1.0	0.37	ug/L			05/04/21 18:27	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 18:27	1
Toluene	3.1		1.0	0.38	ug/L			05/04/21 18:27	1
Xylenes, Total	99		2.0	0.65	ug/L			05/04/21 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 123		05/04/21 18:27	1
4-Bromofluorobenzene	91		76 - 120		05/04/21 18:27	1
Dibromofluoromethane (Surr)	96		77 - 124		05/04/21 18:27	1
Toluene-d8 (Surr)	89		80 - 120		05/04/21 18:27	1

Client Sample ID: MW-02\_20210430

Lab Sample ID: 460-233338-2

Date Collected: 04/30/21 11:05

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 18:49	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/04/21 18:49	1
4-Isopropyltoluene	4.3		1.0	0.37	ug/L			05/04/21 18:49	1
Benzene	3.7		1.0	0.20	ug/L			05/04/21 18:49	1
Ethylbenzene	7.2		1.0	0.30	ug/L			05/04/21 18:49	1
Isopropylbenzene	1.4		1.0	0.34	ug/L			05/04/21 18:49	1
Methyl tert-butyl ether	0.58	J	1.0	0.22	ug/L			05/04/21 18:49	1
m-Xylene & p-Xylene	25		1.0	0.30	ug/L			05/04/21 18:49	1
Naphthalene	2.7		1.0	0.88	ug/L			05/04/21 18:49	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 18:49	1
N-Propylbenzene	0.33	J	1.0	0.32	ug/L			05/04/21 18:49	1
o-Xylene	10		1.0	0.36	ug/L			05/04/21 18:49	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 18:49	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 18:49	1
Toluene	3.0		1.0	0.38	ug/L			05/04/21 18:49	1
Xylenes, Total	35		2.0	0.65	ug/L			05/04/21 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 123		05/04/21 18:49	1
4-Bromofluorobenzene	89		76 - 120		05/04/21 18:49	1
Dibromofluoromethane (Surr)	94		77 - 124		05/04/21 18:49	1

Eurofins TestAmerica, Edison

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

Client Sample ID: MW-02\_20210430

Lab Sample ID: 460-233338-2

Date Collected: 04/30/21 11:05

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		05/04/21 18:49	1

Client Sample ID: MW-X\_20210430

Lab Sample ID: 460-233338-3

Date Collected: 04/30/21 11:10

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 19:12	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/04/21 19:12	1
4-Isopropyltoluene	4.4		1.0	0.37	ug/L			05/04/21 19:12	1
Benzene	3.7		1.0	0.20	ug/L			05/04/21 19:12	1
Ethylbenzene	7.3		1.0	0.30	ug/L			05/04/21 19:12	1
Isopropylbenzene	1.3		1.0	0.34	ug/L			05/04/21 19:12	1
Methyl tert-butyl ether	0.61	J	1.0	0.22	ug/L			05/04/21 19:12	1
m-Xylene & p-Xylene	27		1.0	0.30	ug/L			05/04/21 19:12	1
Naphthalene	3.1		1.0	0.88	ug/L			05/04/21 19:12	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 19:12	1
N-Propylbenzene	0.38	J	1.0	0.32	ug/L			05/04/21 19:12	1
o-Xylene	11		1.0	0.36	ug/L			05/04/21 19:12	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 19:12	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 19:12	1
Toluene	3.2		1.0	0.38	ug/L			05/04/21 19:12	1
Xylenes, Total	37		2.0	0.65	ug/L			05/04/21 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		75 - 123		05/04/21 19:12	1
4-Bromofluorobenzene	85		76 - 120		05/04/21 19:12	1
Dibromofluoromethane (Surr)	93		77 - 124		05/04/21 19:12	1
Toluene-d8 (Surr)	90		80 - 120		05/04/21 19:12	1

Client Sample ID: MW-03\_20210430

Lab Sample ID: 460-233338-4

Date Collected: 04/30/21 13:10

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.40	J	1.0	0.37	ug/L			05/04/21 19:35	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/04/21 19:35	1
4-Isopropyltoluene	26		1.0	0.37	ug/L			05/04/21 19:35	1
Benzene	0.57	J	1.0	0.20	ug/L			05/04/21 19:35	1
Ethylbenzene	0.50	J	1.0	0.30	ug/L			05/04/21 19:35	1
Isopropylbenzene	0.47	J	1.0	0.34	ug/L			05/04/21 19:35	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			05/04/21 19:35	1
m-Xylene & p-Xylene	0.69	J	1.0	0.30	ug/L			05/04/21 19:35	1
Naphthalene	2.9		1.0	0.88	ug/L			05/04/21 19:35	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 19:35	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 19:35	1
o-Xylene	0.53	J	1.0	0.36	ug/L			05/04/21 19:35	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 19:35	1

Eurofins TestAmerica, Edison

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

Client Sample ID: MW-03\_20210430

Lab Sample ID: 460-233338-4

Date Collected: 04/30/21 13:10

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 19:35	1
<b>Toluene</b>	<b>0.39</b>	<b>J</b>	1.0	0.38	ug/L			05/04/21 19:35	1
<b>Xylenes, Total</b>	<b>1.2</b>	<b>J</b>	2.0	0.65	ug/L			05/04/21 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123		05/04/21 19:35	1
4-Bromofluorobenzene	94		76 - 120		05/04/21 19:35	1
Dibromofluoromethane (Surr)	99		77 - 124		05/04/21 19:35	1
Toluene-d8 (Surr)	91		80 - 120		05/04/21 19:35	1

Client Sample ID: TB\_20210430

Lab Sample ID: 460-233338-5

Date Collected: 04/30/21 00:00

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 17:41	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/04/21 17:41	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			05/04/21 17:41	1
Benzene	0.20	U	1.0	0.20	ug/L			05/04/21 17:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			05/04/21 17:41	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 17:41	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			05/04/21 17:41	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			05/04/21 17:41	1
Naphthalene	0.88	U	1.0	0.88	ug/L			05/04/21 17:41	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 17:41	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 17:41	1
o-Xylene	0.36	U	1.0	0.36	ug/L			05/04/21 17:41	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 17:41	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 17:41	1
Toluene	0.38	U	1.0	0.38	ug/L			05/04/21 17:41	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			05/04/21 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 123		05/04/21 17:41	1
4-Bromofluorobenzene	93		76 - 120		05/04/21 17:41	1
Dibromofluoromethane (Surr)	99		77 - 124		05/04/21 17:41	1
Toluene-d8 (Surr)	91		80 - 120		05/04/21 17:41	1

Client Sample ID: FB\_20210430

Lab Sample ID: 460-233338-6

Date Collected: 04/30/21 13:15

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 18:04	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/04/21 18:04	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			05/04/21 18:04	1
Benzene	0.20	U	1.0	0.20	ug/L			05/04/21 18:04	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			05/04/21 18:04	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 18:04	1

Eurofins TestAmerica, Edison

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

Client Sample ID: FB\_20210430

Lab Sample ID: 460-233338-6

Date Collected: 04/30/21 13:15

Matrix: Water

Date Received: 04/30/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			05/04/21 18:04	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			05/04/21 18:04	1
Naphthalene	0.88	U	1.0	0.88	ug/L			05/04/21 18:04	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 18:04	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 18:04	1
o-Xylene	0.36	U	1.0	0.36	ug/L			05/04/21 18:04	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 18:04	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 18:04	1
Toluene	0.38	U	1.0	0.38	ug/L			05/04/21 18:04	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			05/04/21 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		05/04/21 18:04	1
4-Bromofluorobenzene	97		76 - 120		05/04/21 18:04	1
Dibromofluoromethane (Surr)	103		77 - 124		05/04/21 18:04	1
Toluene-d8 (Surr)	92		80 - 120		05/04/21 18:04	1

# Surrogate Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-233338-1	MW-01_20210430	90	91	96	89
460-233338-1 MS	MW-01_20210430	89	91	97	90
460-233338-1 MSD	MW-01_20210430	96	92	97	90
460-233338-2	MW-02_20210430	94	89	94	93
460-233338-3	MW-X_20210430	86	85	93	90
460-233338-4	MW-03_20210430	99	94	99	91
460-233338-5	TB_20210430	95	93	99	91
460-233338-6	FB_20210430	101	97	103	92
LCS 460-775633/4	Lab Control Sample	96	91	98	90
MB 460-775633/8	Method Blank	100	94	98	94

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)



# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-775633/8

Matrix: Water

Analysis Batch: 775633

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 11:14	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/04/21 11:14	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			05/04/21 11:14	1
Benzene	0.20	U	1.0	0.20	ug/L			05/04/21 11:14	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			05/04/21 11:14	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 11:14	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			05/04/21 11:14	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			05/04/21 11:14	1
Naphthalene	0.88	U	1.0	0.88	ug/L			05/04/21 11:14	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 11:14	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			05/04/21 11:14	1
o-Xylene	0.36	U	1.0	0.36	ug/L			05/04/21 11:14	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			05/04/21 11:14	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			05/04/21 11:14	1
Toluene	0.38	U	1.0	0.38	ug/L			05/04/21 11:14	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			05/04/21 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 123		05/04/21 11:14	1
4-Bromofluorobenzene	94		76 - 120		05/04/21 11:14	1
Dibromofluoromethane (Surr)	98		77 - 124		05/04/21 11:14	1
Toluene-d8 (Surr)	94		80 - 120		05/04/21 11:14	1

Lab Sample ID: LCS 460-775633/4

Matrix: Water

Analysis Batch: 775633

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	21.5		ug/L		108	75 - 125
1,3,5-Trimethylbenzene	20.0	21.0		ug/L		105	75 - 125
4-Isopropyltoluene	20.0	20.7		ug/L		104	71 - 129
Benzene	20.0	19.9		ug/L		99	78 - 126
Ethylbenzene	20.0	19.2		ug/L		96	78 - 120
Isopropylbenzene	20.0	21.0		ug/L		105	79 - 125
Methyl tert-butyl ether	20.0	21.0		ug/L		105	65 - 131
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 123
Naphthalene	20.0	19.5		ug/L		98	40 - 150
n-Butylbenzene	20.0	20.0		ug/L		100	69 - 135
N-Propylbenzene	20.0	21.6		ug/L		108	74 - 129
o-Xylene	20.0	19.1		ug/L		96	78 - 122
sec-Butylbenzene	20.0	22.5		ug/L		112	73 - 129
tert-Butylbenzene	20.0	21.0		ug/L		105	72 - 124
Toluene	20.0	19.5		ug/L		98	78 - 119
Xylenes, Total	40.0	38.9		ug/L		97	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		75 - 123
4-Bromofluorobenzene	91		76 - 120

Eurofins TestAmerica, Edison

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-775633/4

Matrix: Water

Analysis Batch: 775633

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	98		77 - 124
Toluene-d8 (Surr)	90		80 - 120

Lab Sample ID: 460-233338-1 MS

Matrix: Water

Analysis Batch: 775633

Client Sample ID: MW-01\_20210430

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	2.7		20.0	24.0		ug/L		106	75 - 125
1,3,5-Trimethylbenzene	0.43	J	20.0	21.8		ug/L		107	75 - 125
4-Isopropyltoluene	6.2		20.0	27.1		ug/L		104	71 - 129
Benzene	1.5		20.0	21.6		ug/L		100	78 - 126
Ethylbenzene	25		20.0	45.0		ug/L		99	78 - 120
Isopropylbenzene	3.9		20.0	25.7		ug/L		109	79 - 125
Methyl tert-butyl ether	3.0		20.0	23.7		ug/L		104	65 - 131
m-Xylene & p-Xylene	69		20.0	93.1		ug/L		119	78 - 123
Naphthalene	8.0		20.0	28.2		ug/L		101	40 - 150
n-Butylbenzene	0.44	J	20.0	21.6		ug/L		106	69 - 135
N-Propylbenzene	3.7		20.0	25.6		ug/L		110	74 - 129
o-Xylene	29		20.0	50.2		ug/L		104	78 - 122
sec-Butylbenzene	0.83	J	20.0	23.3		ug/L		112	73 - 129
tert-Butylbenzene	0.34	U	20.0	21.6		ug/L		108	72 - 124
Toluene	3.1		20.0	23.1		ug/L		100	78 - 119
Xylenes, Total	99		40.0	143		ug/L		112	78 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		75 - 123
4-Bromofluorobenzene	91		76 - 120
Dibromofluoromethane (Surr)	97		77 - 124
Toluene-d8 (Surr)	90		80 - 120

Lab Sample ID: 460-233338-1 MSD

Matrix: Water

Analysis Batch: 775633

Client Sample ID: MW-01\_20210430

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4-Trimethylbenzene	2.7		20.0	23.8		ug/L		105	75 - 125	1	30
1,3,5-Trimethylbenzene	0.43	J	20.0	22.1		ug/L		109	75 - 125	2	30
4-Isopropyltoluene	6.2		20.0	27.0		ug/L		104	71 - 129	0	30
Benzene	1.5		20.0	20.9		ug/L		97	78 - 126	3	30
Ethylbenzene	25		20.0	44.8		ug/L		98	78 - 120	1	30
Isopropylbenzene	3.9		20.0	26.0		ug/L		111	79 - 125	1	30
Methyl tert-butyl ether	3.0		20.0	24.0		ug/L		105	65 - 131	1	30
m-Xylene & p-Xylene	69		20.0	92.6		ug/L		117	78 - 123	1	30
Naphthalene	8.0		20.0	28.6		ug/L		103	40 - 150	2	30
n-Butylbenzene	0.44	J	20.0	21.4		ug/L		105	69 - 135	1	30
N-Propylbenzene	3.7		20.0	25.5		ug/L		109	74 - 129	1	30
o-Xylene	29		20.0	51.6		ug/L		111	78 - 122	3	30

Eurofins TestAmerica, Edison

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-233338-1 MSD

Matrix: Water

Analysis Batch: 775633

Client Sample ID: MW-01\_20210430

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
sec-Butylbenzene	0.83	J	20.0	23.0		ug/L		111	73 - 129	1	30
tert-Butylbenzene	0.34	U	20.0	20.9		ug/L		104	72 - 124	4	30
Toluene	3.1		20.0	23.5		ug/L		102	78 - 119	2	30
Xylenes, Total	99		40.0	144		ug/L		114	78 - 122	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		75 - 123
4-Bromofluorobenzene	92		76 - 120
Dibromofluoromethane (Surr)	97		77 - 124
Toluene-d8 (Surr)	90		80 - 120

# Definitions/Glossary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# QC Association Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

## GC/MS VOA

### Analysis Batch: 775633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-233338-1	MW-01_20210430	Total/NA	Water	8260D	
460-233338-2	MW-02_20210430	Total/NA	Water	8260D	
460-233338-3	MW-X_20210430	Total/NA	Water	8260D	
460-233338-4	MW-03_20210430	Total/NA	Water	8260D	
460-233338-5	TB_20210430	Total/NA	Water	8260D	
460-233338-6	FB_20210430	Total/NA	Water	8260D	
MB 460-775633/8	Method Blank	Total/NA	Water	8260D	
LCS 460-775633/4	Lab Control Sample	Total/NA	Water	8260D	
460-233338-1 MS	MW-01_20210430	Total/NA	Water	8260D	
460-233338-1 MSD	MW-01_20210430	Total/NA	Water	8260D	

# Lab Chronicle

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

**Client Sample ID: MW-01\_20210430**

**Date Collected: 04/30/21 09:40**

**Date Received: 04/30/21 17:30**

**Lab Sample ID: 460-233338-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	775633	05/04/21 18:27	EMM	TAL EDI

**Client Sample ID: MW-02\_20210430**

**Date Collected: 04/30/21 11:05**

**Date Received: 04/30/21 17:30**

**Lab Sample ID: 460-233338-2**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	775633	05/04/21 18:49	EMM	TAL EDI

**Client Sample ID: MW-X\_20210430**

**Date Collected: 04/30/21 11:10**

**Date Received: 04/30/21 17:30**

**Lab Sample ID: 460-233338-3**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	775633	05/04/21 19:12	EMM	TAL EDI

**Client Sample ID: MW-03\_20210430**

**Date Collected: 04/30/21 13:10**

**Date Received: 04/30/21 17:30**

**Lab Sample ID: 460-233338-4**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	775633	05/04/21 19:35	EMM	TAL EDI

**Client Sample ID: TB\_20210430**

**Date Collected: 04/30/21 00:00**

**Date Received: 04/30/21 17:30**

**Lab Sample ID: 460-233338-5**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	775633	05/04/21 17:41	EMM	TAL EDI

**Client Sample ID: FB\_20210430**

**Date Collected: 04/30/21 13:15**

**Date Received: 04/30/21 17:30**

**Lab Sample ID: 460-233338-6**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	775633	05/04/21 18:04	EMM	TAL EDI

## Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Accreditation/Certification Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-233338-1

## Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

# 8260D

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Volatile Organic Compounds by GC/MS



FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
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 #
MW-01_20210430	460-233338-1	96	90	89	91
MW-02_20210430	460-233338-2	94	94	93	89
MW-X_20210430	460-233338-3	93	86	90	85
MW-03_20210430	460-233338-4	99	99	91	94
TB_20210430	460-233338-5	99	95	91	93
FB_20210430	460-233338-6	103	101	92	97
	MB 460-775633/8	98	100	94	94
	LCS 460-775633/4	98	96	90	91
MW-01_20210430 MS	460-233338-1 MS	97	89	90	91
MW-01_20210430 MSD	460-233338-1 MSD	97	96	90	92

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

QC LIMITS  
77-124  
75-123  
80-120  
76-120

# Column to be used to flag recovery values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: V01250.D  
 Lab ID: LCS 460-775633/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	21.5	108	75-125	
1,3,5-Trimethylbenzene	20.0	21.0	105	75-125	
4-Isopropyltoluene	20.0	20.7	104	71-129	
Benzene	20.0	19.9	99	78-126	
Ethylbenzene	20.0	19.2	96	78-120	
Isopropylbenzene	20.0	21.0	105	79-125	
Methyl tert-butyl ether	20.0	21.0	105	65-131	
m-Xylene & p-Xylene	20.0	19.8	99	78-123	
Naphthalene	20.0	19.5	98	40-150	
n-Butylbenzene	20.0	20.0	100	69-135	
N-Propylbenzene	20.0	21.6	108	74-129	
o-Xylene	20.0	19.1	96	78-122	
sec-Butylbenzene	20.0	22.5	112	73-129	
tert-Butylbenzene	20.0	21.0	105	72-124	
Toluene	20.0	19.5	98	78-119	
Xylenes, Total	40.0	38.9	97	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: V01268.D

Lab ID: 460-233338-1 MS

Client ID: MW-01\_20210430 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	2.7	24.0	106	75-125	
1,3,5-Trimethylbenzene	20.0	0.43 J	21.8	107	75-125	
4-Isopropyltoluene	20.0	6.2	27.1	104	71-129	
Benzene	20.0	1.5	21.6	100	78-126	
Ethylbenzene	20.0	25	45.0	99	78-120	
Isopropylbenzene	20.0	3.9	25.7	109	79-125	
Methyl tert-butyl ether	20.0	3.0	23.7	104	65-131	
m-Xylene & p-Xylene	20.0	69	93.1	119	78-123	
Naphthalene	20.0	8.0	28.2	101	40-150	
n-Butylbenzene	20.0	0.44 J	21.6	106	69-135	
N-Propylbenzene	20.0	3.7	25.6	110	74-129	
o-Xylene	20.0	29	50.2	104	78-122	
sec-Butylbenzene	20.0	0.83 J	23.3	112	73-129	
tert-Butylbenzene	20.0	0.34 U	21.6	108	72-124	
Toluene	20.0	3.1	23.1	100	78-119	
Xylenes, Total	40.0	99	143	112	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: V01269.D

Lab ID: 460-233338-1 MSD

Client ID: MW-01\_20210430 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4-Trimethylbenzene	20.0	23.8	105	1	30	75-125	
1,3,5-Trimethylbenzene	20.0	22.1	109	2	30	75-125	
4-Isopropyltoluene	20.0	27.0	104	0	30	71-129	
Benzene	20.0	20.9	97	3	30	78-126	
Ethylbenzene	20.0	44.8	98	1	30	78-120	
Isopropylbenzene	20.0	26.0	111	1	30	79-125	
Methyl tert-butyl ether	20.0	24.0	105	1	30	65-131	
m-Xylene & p-Xylene	20.0	92.6	117	1	30	78-123	
Naphthalene	20.0	28.6	103	2	30	40-150	
n-Butylbenzene	20.0	21.4	105	1	30	69-135	
N-Propylbenzene	20.0	25.5	109	1	30	74-129	
o-Xylene	20.0	51.6	111	3	30	78-122	
sec-Butylbenzene	20.0	23.0	111	1	30	73-129	
tert-Butylbenzene	20.0	20.9	104	4	30	72-124	
Toluene	20.0	23.5	102	2	30	78-119	
Xylenes, Total	40.0	144	114	1	30	78-122	

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
SDG No.: \_\_\_\_\_  
Lab File ID: V01254.D Lab Sample ID: MB 460-775633/8  
Matrix: Water Heated Purge: (Y/N) N  
Instrument ID: CVOAMS7 Date Analyzed: 05/04/2021 11:14  
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 460-775633/4	V01250.D	05/04/2021 09:44
MW-01_20210430 MS	460-233338-1 MS	V01268.D	05/04/2021 16:33
MW-01_20210430 MSD	460-233338-1 MSD	V01269.D	05/04/2021 16:56
TB_20210430	460-233338-5	V01271.D	05/04/2021 17:41
FB_20210430	460-233338-6	V01272.D	05/04/2021 18:04
MW-01_20210430	460-233338-1	V01273.D	05/04/2021 18:27
MW-02_20210430	460-233338-2	V01274.D	05/04/2021 18:49
MW-X_20210430	460-233338-3	V01275.D	05/04/2021 19:12
MW-03_20210430	460-233338-4	V01276.D	05/04/2021 19:35

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: V00408.D BFB Injection Date: 04/15/2021  
 Instrument ID: CVOAMS7 BFB Injection Time: 14:44  
 Analysis Batch No.: 771694

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	135.7
96	5 - 9% of m/z 95	5.7
173	Less than 2% of m/z 174	1.2
174	50 - 200% of m/z 95	73.7
175	5 - 9% of m/z 174	8.2
176	95 -105% of m/z 174	96.3
177	5 - 10% of m/z 176	7.3

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 460-771694/3	V00410.D	04/15/2021	15:49
	STD1 460-771694/4	V00411.D	04/15/2021	16:12
	STD5 460-771694/6	V00413.D	04/15/2021	16:57
	STD20 460-771694/7	V00414.D	04/15/2021	17:20
	STD50 460-771694/8	V00415.D	04/15/2021	17:43
	STD200 460-771694/9	V00416.D	04/15/2021	18:06
	STD500 460-771694/10	V00417.D	04/15/2021	18:29
	ICV 460-771694/14	V00421.D	04/15/2021	19:59

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
SDG No.: \_\_\_\_\_  
Lab File ID: V01247.D BFB Injection Date: 05/04/2021  
Instrument ID: CVOAMS7 BFB Injection Time: 08:35  
Analysis Batch No.: 775633

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	126.4
96	5 - 9% of m/z 95	5.9
173	Less than 2% of m/z 174	1.3
174	50 - 200% of m/z 95	79.1
175	5 - 9% of m/z 174	7.0
176	95 -105% of m/z 174	97.5
177	5 - 10% of m/z 176	7.1

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 460-775633/2	V01248.D	05/04/2021	8:58
	LCS 460-775633/4	V01250.D	05/04/2021	9:44
	MB 460-775633/8	V01254.D	05/04/2021	11:14
MW-01_20210430 MS	460-233338-1 MS	V01268.D	05/04/2021	16:33
MW-01_20210430 MSD	460-233338-1 MSD	V01269.D	05/04/2021	16:56
TB_20210430	460-233338-5	V01271.D	05/04/2021	17:41
FB_20210430	460-233338-6	V01272.D	05/04/2021	18:04
MW-01_20210430	460-233338-1	V01273.D	05/04/2021	18:27
MW-02_20210430	460-233338-2	V01274.D	05/04/2021	18:49
MW-X_20210430	460-233338-3	V01275.D	05/04/2021	19:12
MW-03_20210430	460-233338-4	V01276.D	05/04/2021	19:35

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-771694/7 Date Analyzed: 04/15/2021 17:20  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V00414.D Heated Purge: (Y/N) N  
 Calibration ID: 84865

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	39604	2.85	315010	3.87	578283	4.98	
UPPER LIMIT	79208	3.35	630020	4.37	1156566	5.48	
LOWER LIMIT	19802	2.35	157505	3.37	289142	4.48	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-771694/14		35665	2.85	287350	3.87	590140	4.98

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-771694/7 Date Analyzed: 04/15/2021 17:20  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V00414.D Heated Purge: (Y/N) N  
 Calibration ID: 84865

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	27580	5.73	396755	8.63	188684	10.82	
UPPER LIMIT	55160	6.23	793510	9.13	377368	11.32	
LOWER LIMIT	13790	5.23	198378	8.13	94342	10.32	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-771694/14		24228	5.73	399876	8.63	183630	10.82

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-775633/2 Date Analyzed: 05/04/2021 08:58  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V01248.D Heated Purge: (Y/N) N  
 Calibration ID: 84865

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	48181	2.83	356700	3.84	675673	4.94	
UPPER LIMIT	96362	3.33	713400	4.34	1351346	5.44	
LOWER LIMIT	24091	2.33	178350	3.34	337837	4.44	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-775633/4		55073	2.83	398594	3.84	711174	4.94
MB 460-775633/8		49308	2.83	318960	3.84	645625	4.94
460-233338-1 MS	MW-01_20210430 MS	52264	2.83	329795	3.84	639101	4.94
460-233338-1 MSD	MW-01_20210430 MSD	52678	2.83	352773	3.84	648795	4.94
460-233338-5	TB_20210430	43009	2.82	307088	3.83	648660	4.94
460-233338-6	FB_20210430	49735	2.83	294946	3.84	609885	4.94
460-233338-1	MW-01_20210430	42367	2.82	285796	3.84	650301	4.94
460-233338-2	MW-02_20210430	44482	2.83	281206	3.84	625573	4.94
460-233338-3	MW-X_20210430	41275	2.82	264052	3.84	612038	4.94
460-233338-4	MW-03_20210430	53163	2.83	328110	3.84	618104	4.94

TBAd9 = 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-775633/2 Date Analyzed: 05/04/2021 08:58  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V01248.D Heated Purge: (Y/N) N  
 Calibration ID: 84865

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	29675	5.69	504439	8.60	239746	10.80	
UPPER LIMIT	59350	6.19	1008878	9.10	479492	11.30	
LOWER LIMIT	14838	5.19	252220	8.10	119873	10.30	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-775633/4		39061	5.68	529541	8.60	239313	10.80
MB 460-775633/8		26762	5.68	478910	8.60	221919	10.80
460-233338-1 MS	MW-01_20210430 MS	33776	5.68	475588	8.60	221071	10.80
460-233338-1 MSD	MW-01_20210430 MSD	34131	5.69	488335	8.60	228270	10.80
460-233338-5	TB_20210430	26296	5.68	477974	8.60	223974	10.80
460-233338-6	FB_20210430	33167	5.69	456040	8.60	219592	10.80
460-233338-1	MW-01_20210430	30433	5.68	483528	8.60	214828	10.80
460-233338-2	MW-02_20210430	31198	5.68	471418	8.60	213863	10.80
460-233338-3	MW-X_20210430	28610	5.68	454688	8.60	213797	10.80
460-233338-4	MW-03_20210430	36343	5.70	465234	8.60	225078	10.80

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20210430 Lab Sample ID: 460-233338-1  
 Matrix: Water Lab File ID: V01273.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 09:40  
 Sample wt/vol: 5(mL) Date Analyzed: 05/04/2021 18:27  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	2.7		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.43	J	1.0	0.33
99-87-6	4-Isopropyltoluene	6.2		1.0	0.37
71-43-2	Benzene	1.5		1.0	0.20
100-41-4	Ethylbenzene	25		1.0	0.30
98-82-8	Isopropylbenzene	3.9		1.0	0.34
1634-04-4	Methyl tert-butyl ether	3.0		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	69		1.0	0.30
91-20-3	Naphthalene	8.0		1.0	0.88
104-51-8	n-Butylbenzene	0.44	J	1.0	0.32
103-65-1	N-Propylbenzene	3.7		1.0	0.32
95-47-6	o-Xylene	29		1.0	0.36
135-98-8	sec-Butylbenzene	0.83	J	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	3.1		1.0	0.38
1330-20-7	Xylenes, Total	99		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	89		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01273.D  
 Lims ID: 460-233338-B-1  
 Client ID: MW-01\_20210430  
 Sample Type: Client  
 Inject. Date: 04-May-2021 18:27:30 ALS Bottle#: 26 Worklist Smp#: 27  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-233338-B-1  
 Misc. Info.: 460-0128028-027  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 14:32:04 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1621

First Level Reviewer: parekhv

Date: 04-May-2021 18:56:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 1,1-Difluoroethane	51	1.384	1.390	-0.006	90	272530	67.1	
13 Pentane	72	2.120	2.126	-0.006	84	1136	1.01	
23 Acetone	43	2.537	2.537	0.000	86	30619	19.6	
24 Isopropyl alcohol	45	2.614	2.608	0.006	67	7044	19.4	
* 28 TBA-d9 (IS)	66	2.820	2.826	-0.006	100	42367	1000.0	
31 2-Methyl-2-propanol	59	2.884	2.890	-0.006	86	8083	13.2	
32 Methyl tert-butyl ether	73	2.990	2.990	0.000	88	52739	2.96	a
36 Hexane	57	3.161	3.161	0.000	97	12893	1.40	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	99	285796	250.0	
44 2-Butanone (MEK)	72	3.896	3.890	0.006	89	4366	6.33	
53 Cyclohexane	84	4.284	4.290	-0.006	92	191277	18.4	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	97	185300	47.8	
59 Benzene	78	4.655	4.649	0.006	58	42392	1.53	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	95	180627	45.0	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	650301	50.0	
72 Methylcyclohexane	83	5.443	5.443	0.000	95	307423	28.7	
* 68 1,4-Dioxane-d8	96	5.678	5.690	-0.012	84	30433	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	99	843315	44.6	
83 Toluene	91	6.831	6.825	0.006	91	89014	3.08	
* 94 Chlorobenzene-d5	117	8.596	8.596	0.000	86	483528	50.0	
97 Ethylbenzene	106	8.713	8.714	-0.001	98	243179	25.2	
98 m-Xylene & p-Xylene	106	8.843	8.849	-0.006	96	802866	69.2	
100 o-Xylene	106	9.255	9.261	-0.006	94	332368	29.3	
104 Isopropylbenzene	105	9.602	9.602	0.000	94	107179	3.88	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	205073	45.3	
109 N-Propylbenzene	91	9.984	9.984	0.000	99	115073	3.66	
113 4-Ethyltoluene	105	10.090	10.090	0.000	97	24409	0.9278	
116 1,3,5-Trimethylbenzene	105	10.149	10.149	0.000	93	9227	0.4298	
119 1,2,4-Trimethylbenzene	105	10.472	10.472	0.000	95	57850	2.71	
120 sec-Butylbenzene	105	10.602	10.602	0.000	96	21915	0.8281	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	143937	6.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	94	214828	50.0	
123 1,2,3-Trimethylbenzene	105	10.831	10.825	0.006	97	33577	1.55	
111 2,3-Dihydroindene	117	10.990	10.990	0.000	95	179145	8.47	
126 p-Diethylbenzene	119	11.031	11.031	0.000	94	18935	1.63	
127 n-Butylbenzene	92	11.054	11.055	-0.001	90	5077	0.4355	
130 1,2,4,5-Tetramethylbenzene	119	11.637	11.643	-0.006	96	69198	3.74	
134 Naphthalene	128	12.490	12.490	0.000	99	162673	8.01	
S 137 Xylenes, Total	100				0		98.5	
S 139 Total BTEX	1				0		128.4	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00217

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

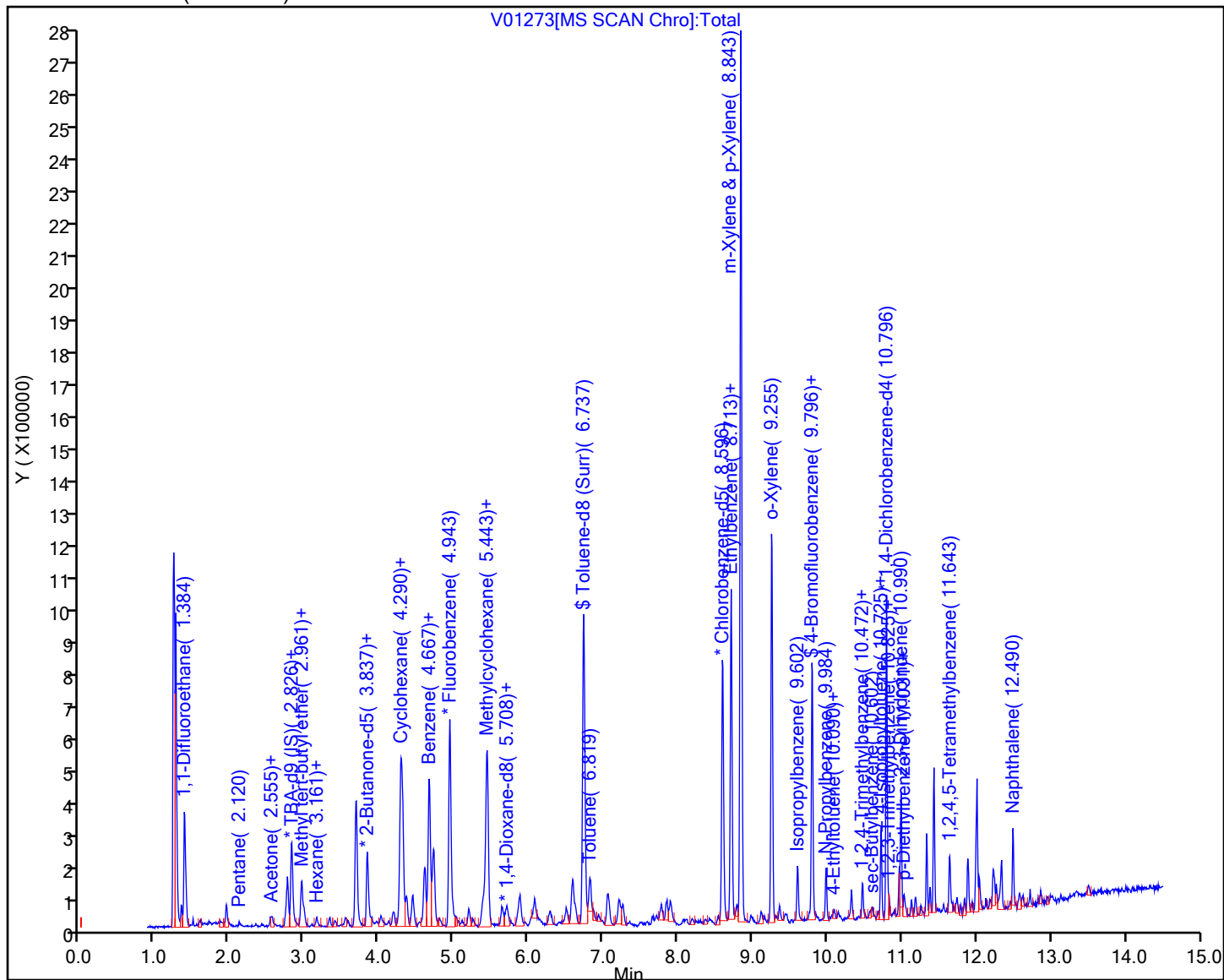
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

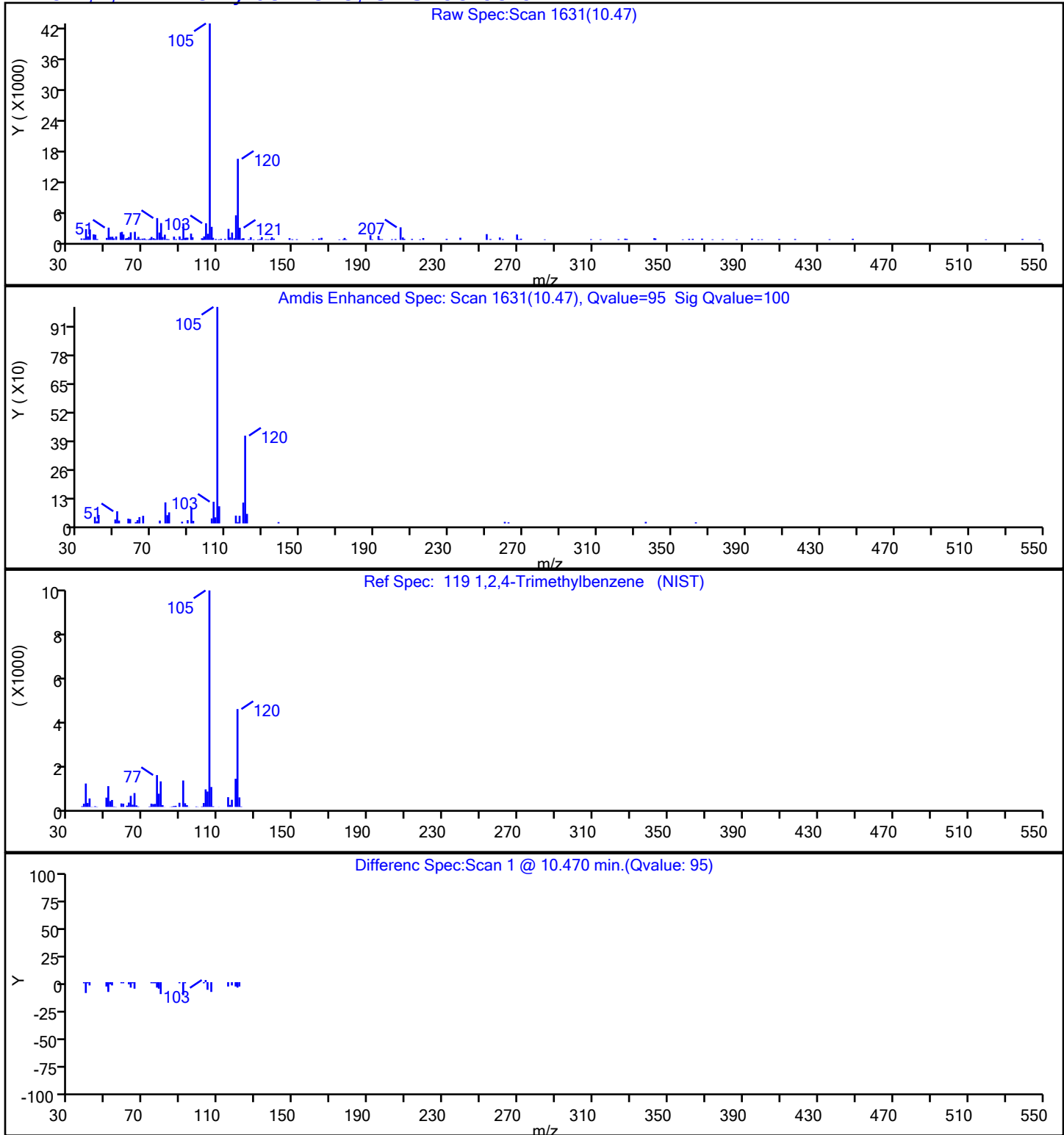
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**119 1,2,4-Trimethylbenzene, CAS: 95-63-6**



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

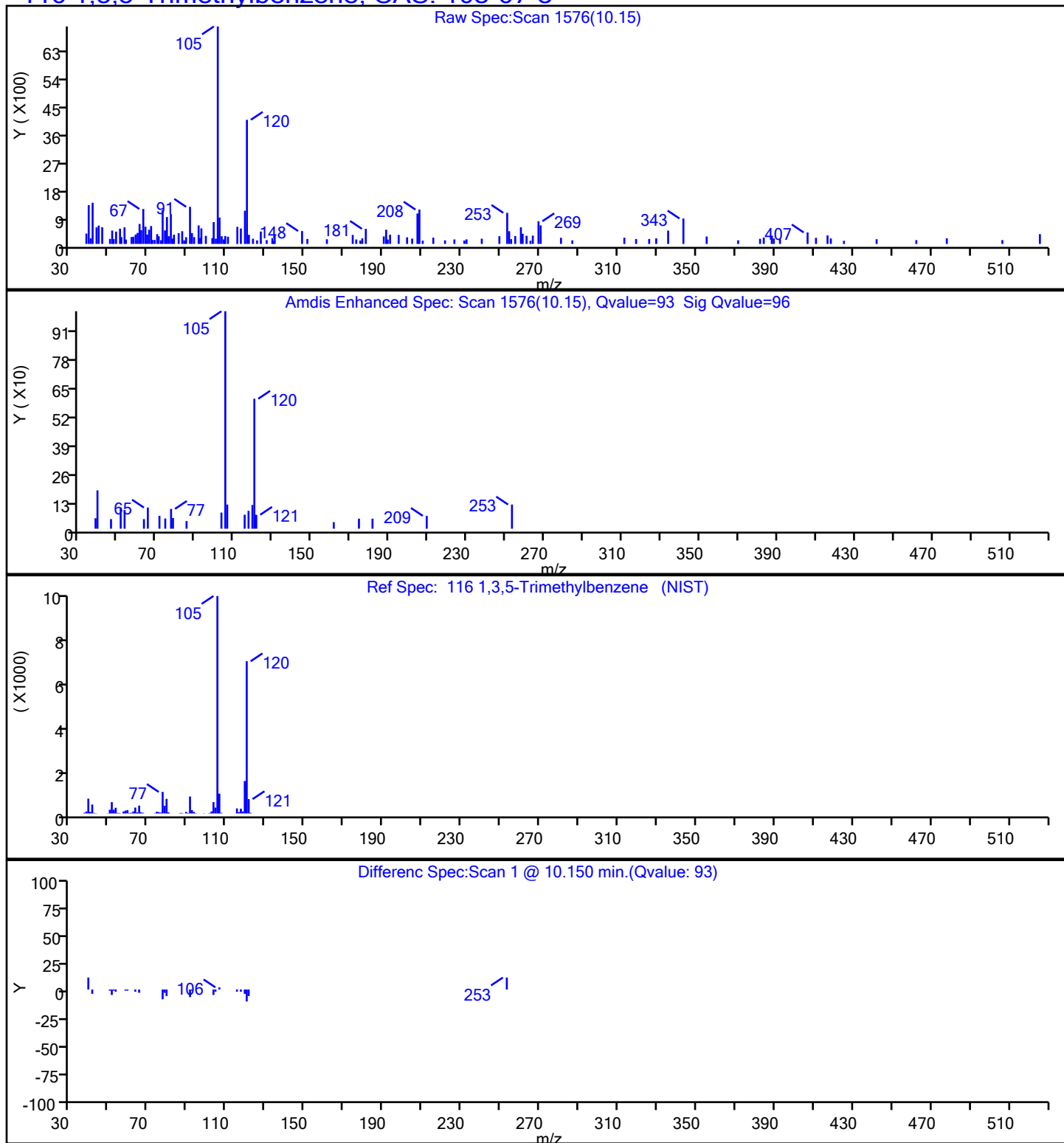
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**116 1,3,5-Trimethylbenzene, CAS: 108-67-8**

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

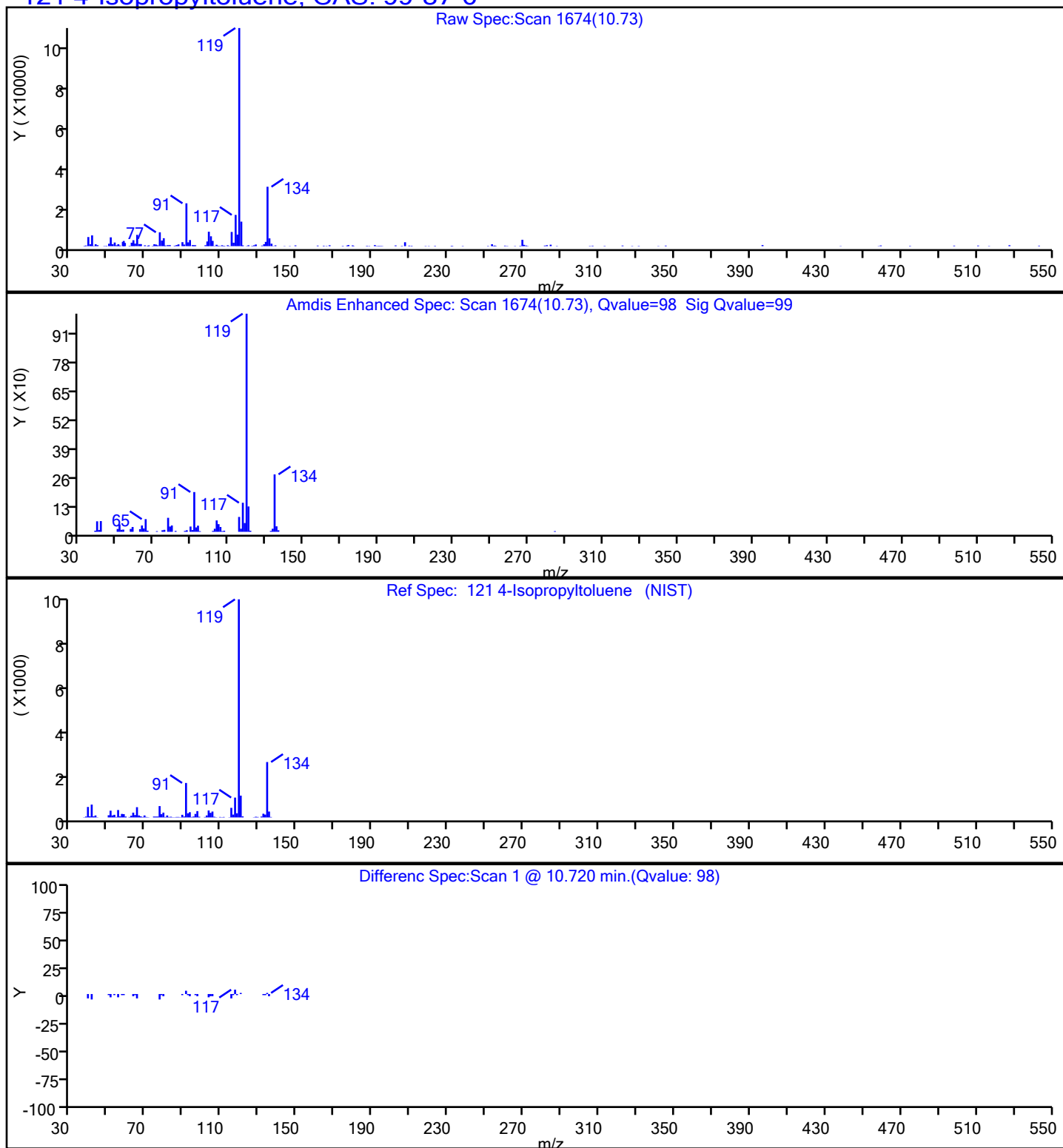
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**121 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

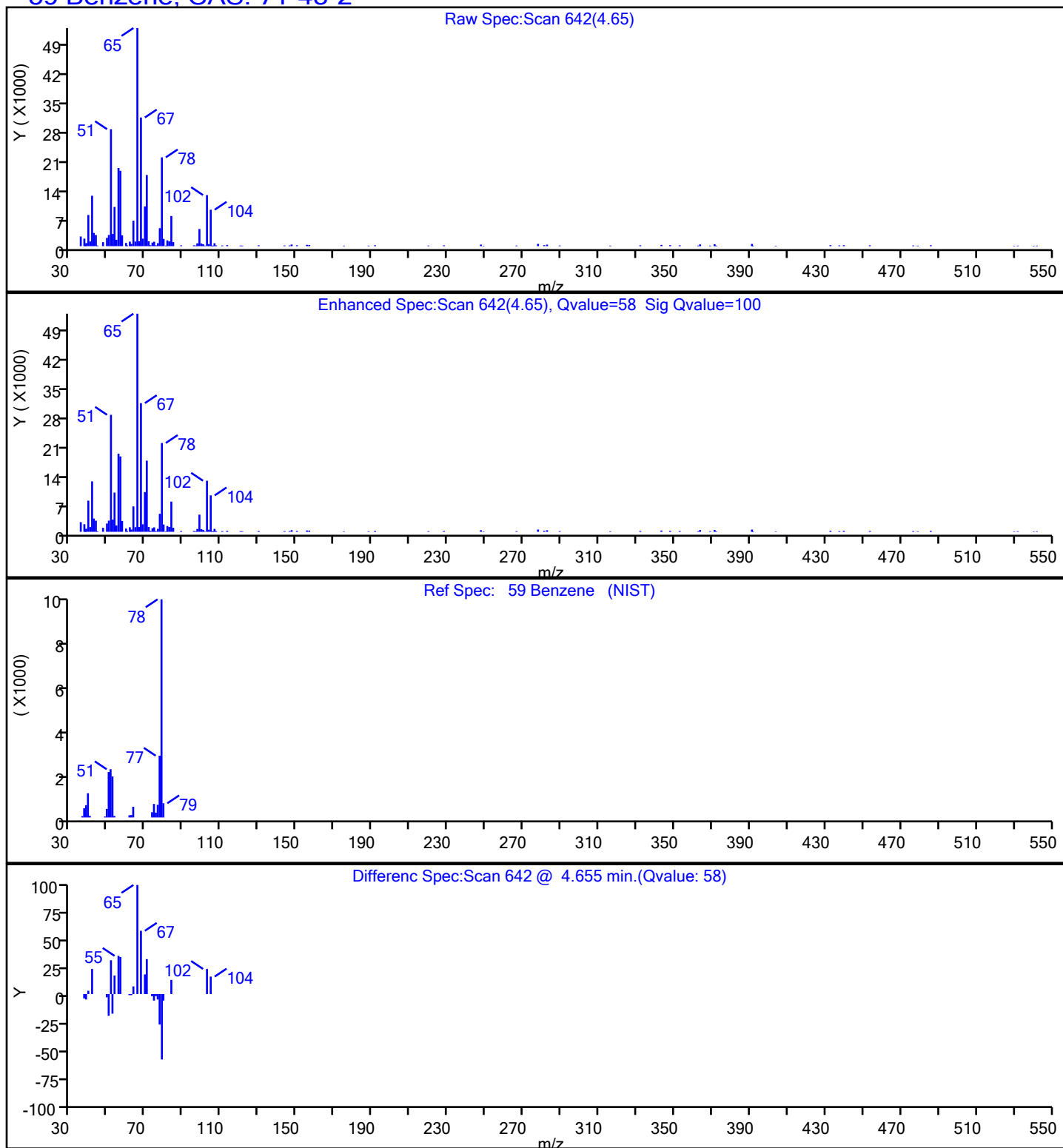
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**59 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

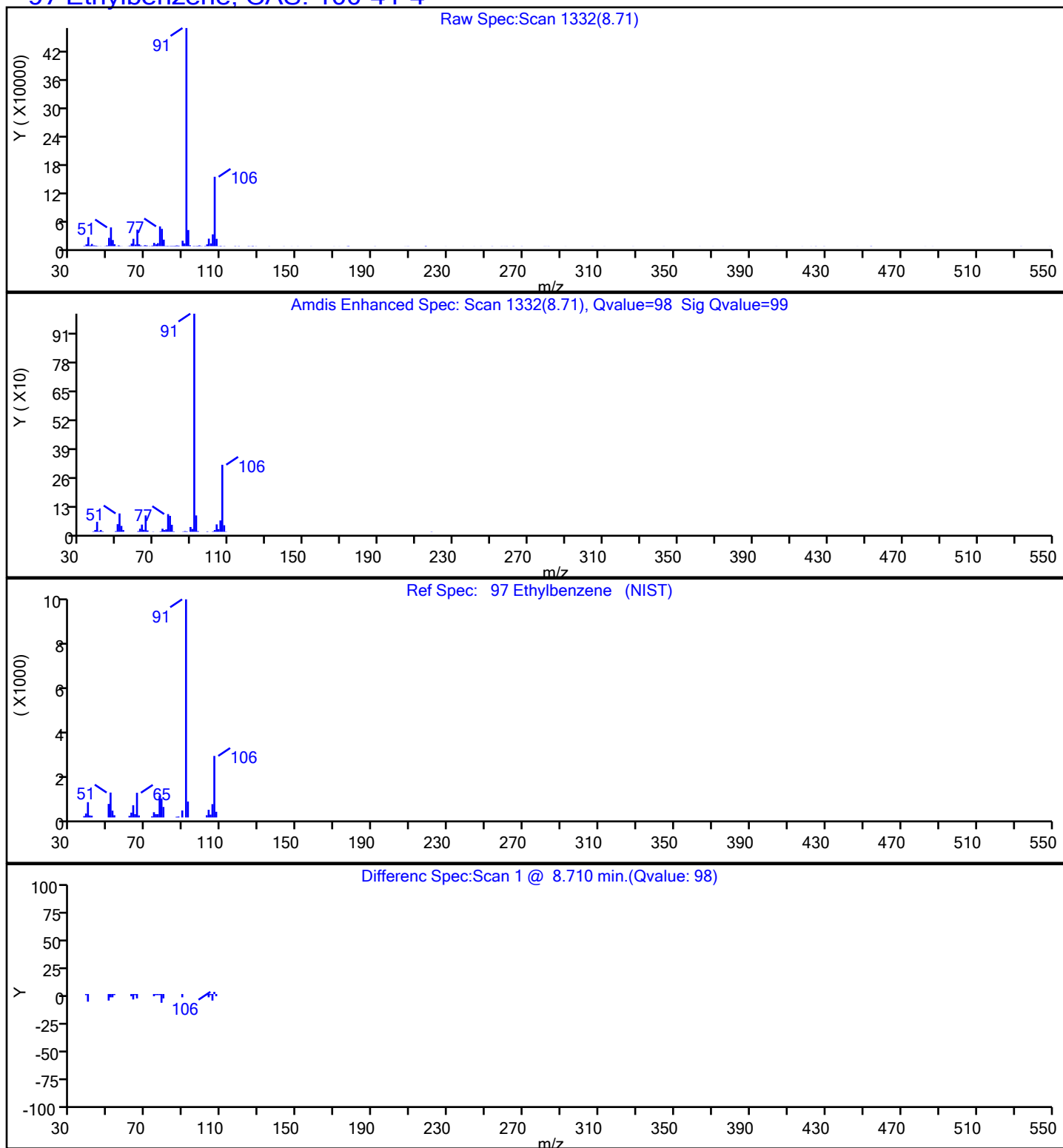
VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 97 Ethylbenzene, CAS: 100-41-4



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

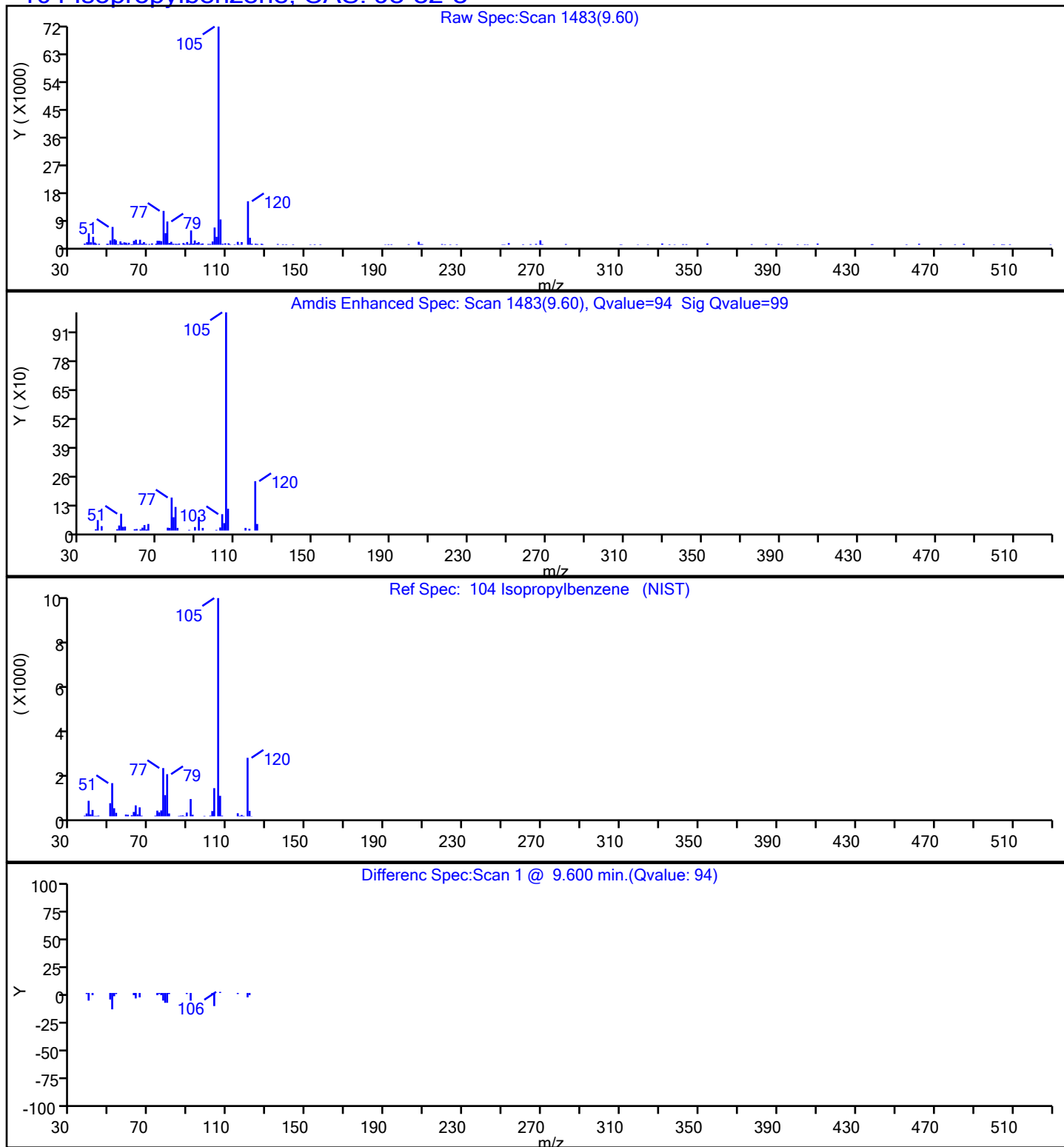
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

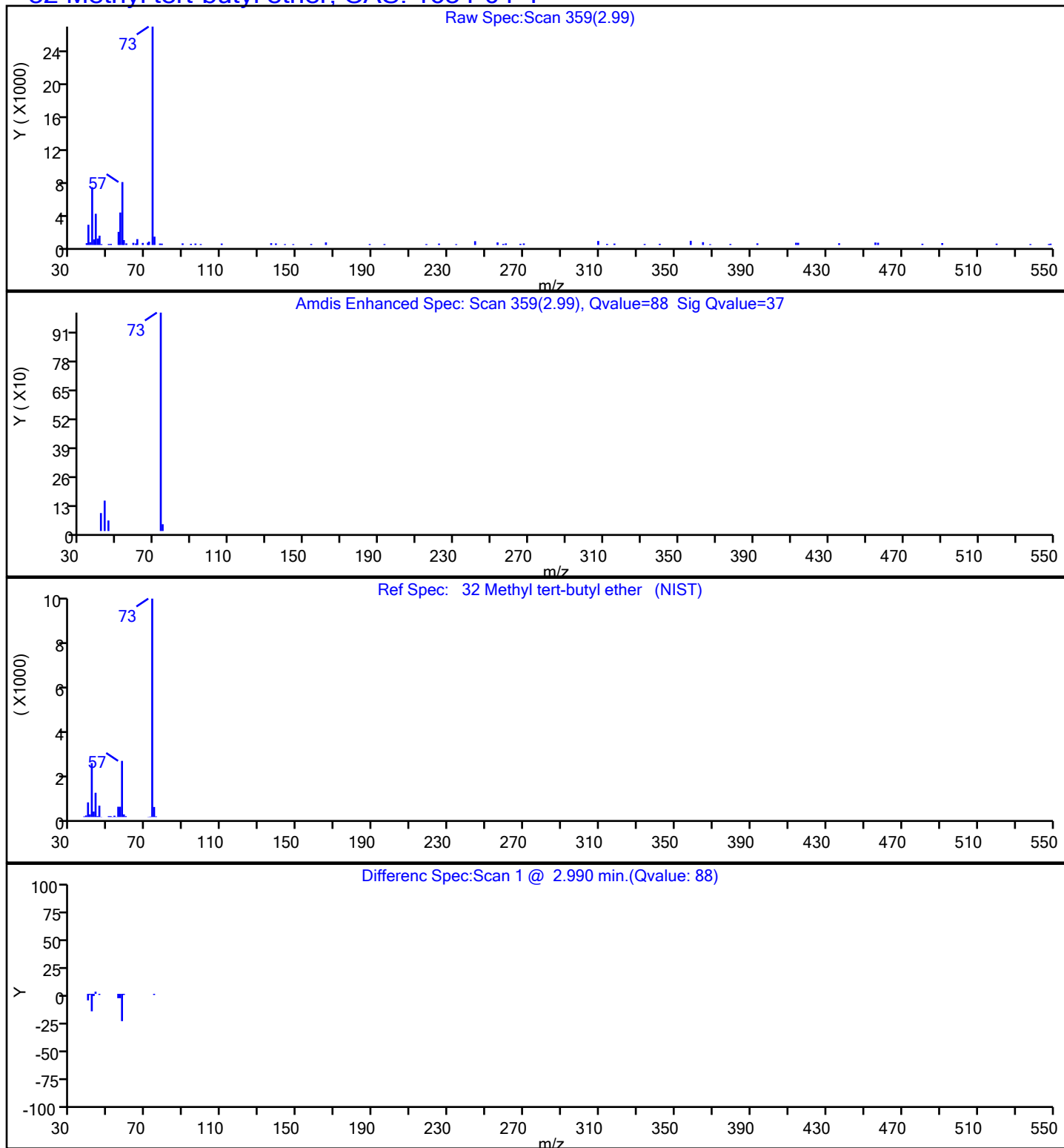
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**32 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

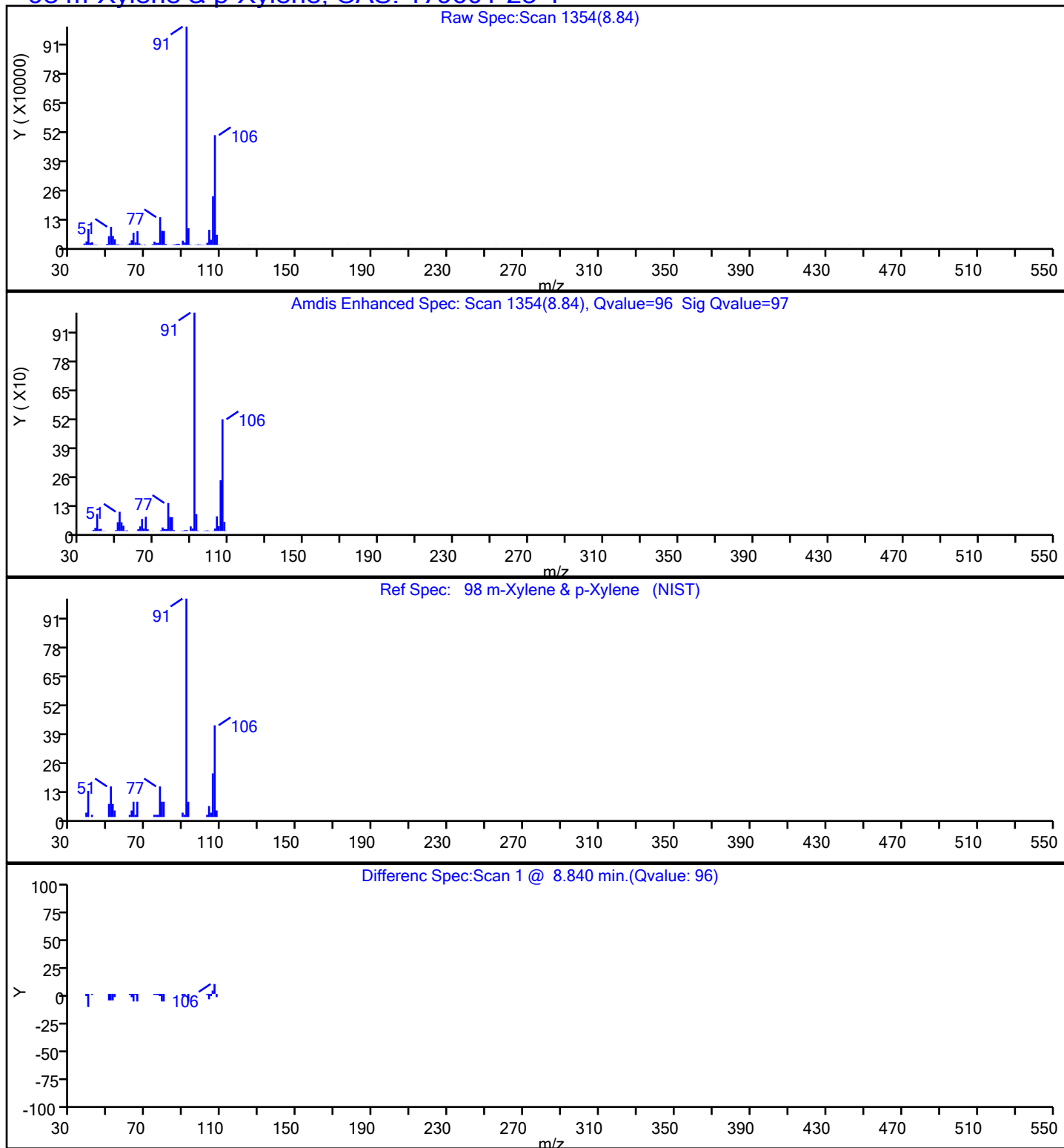
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

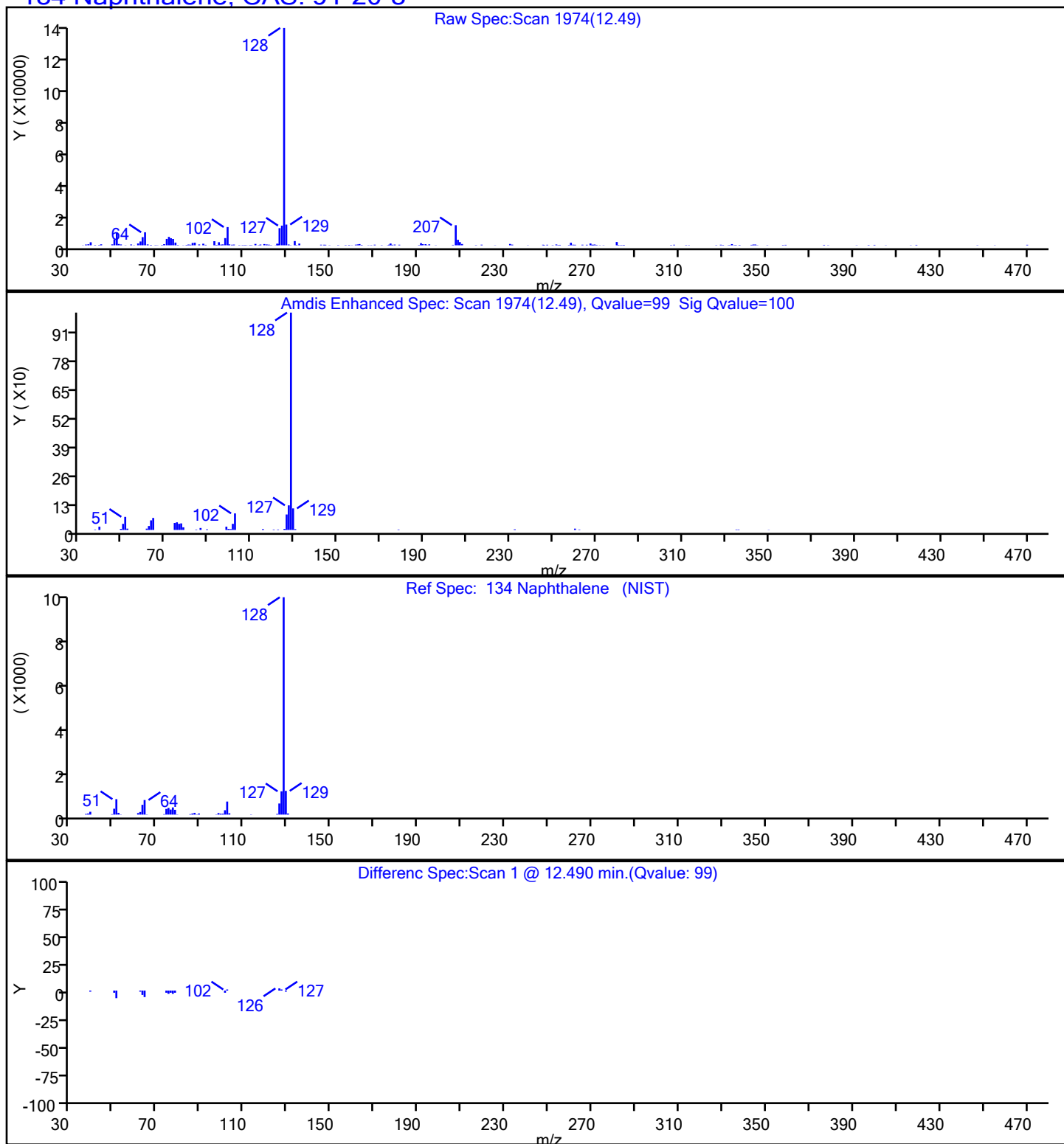
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**134 Naphthalene, CAS: 91-20-3**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

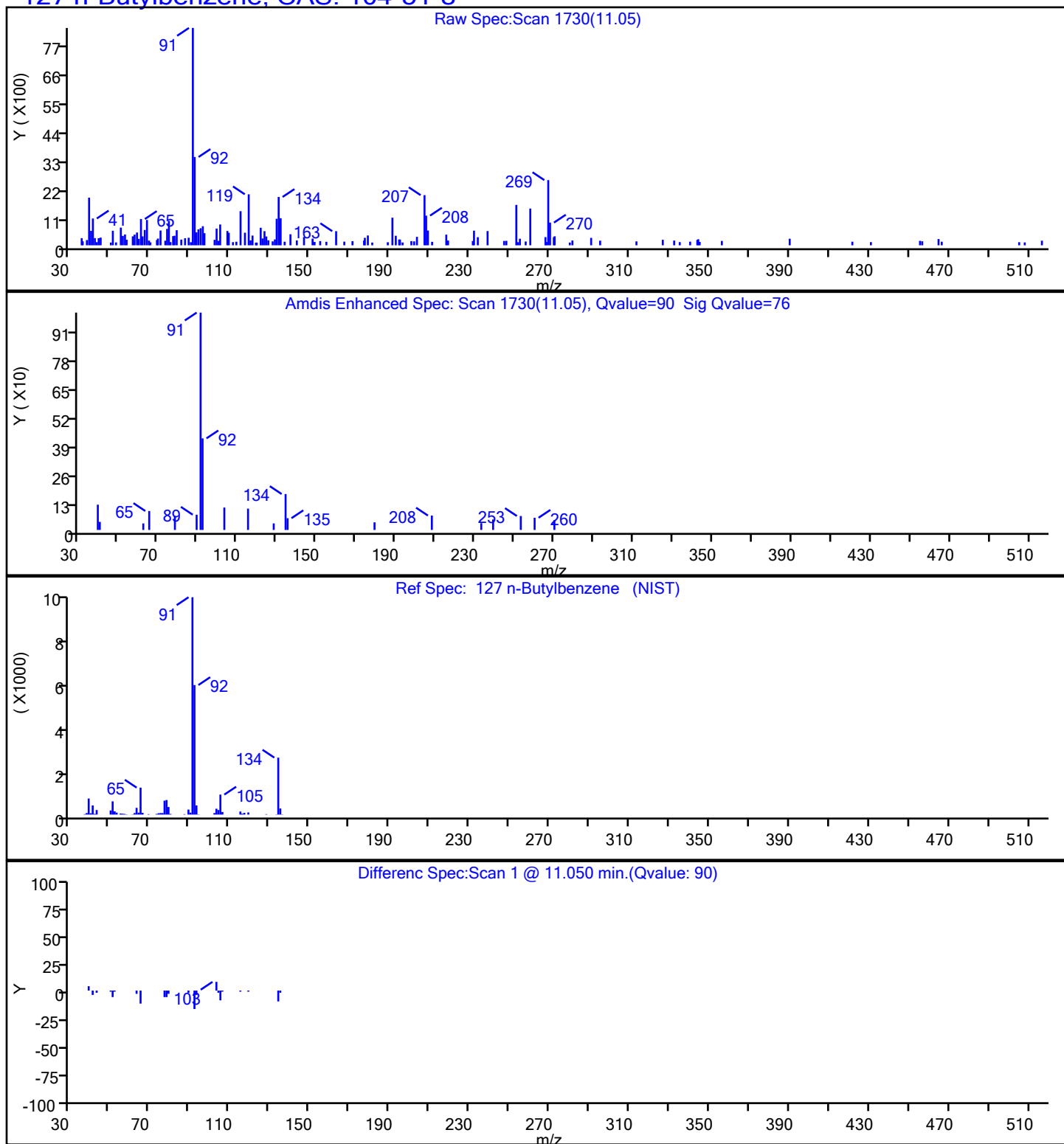
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**127 n-Butylbenzene, CAS: 104-51-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

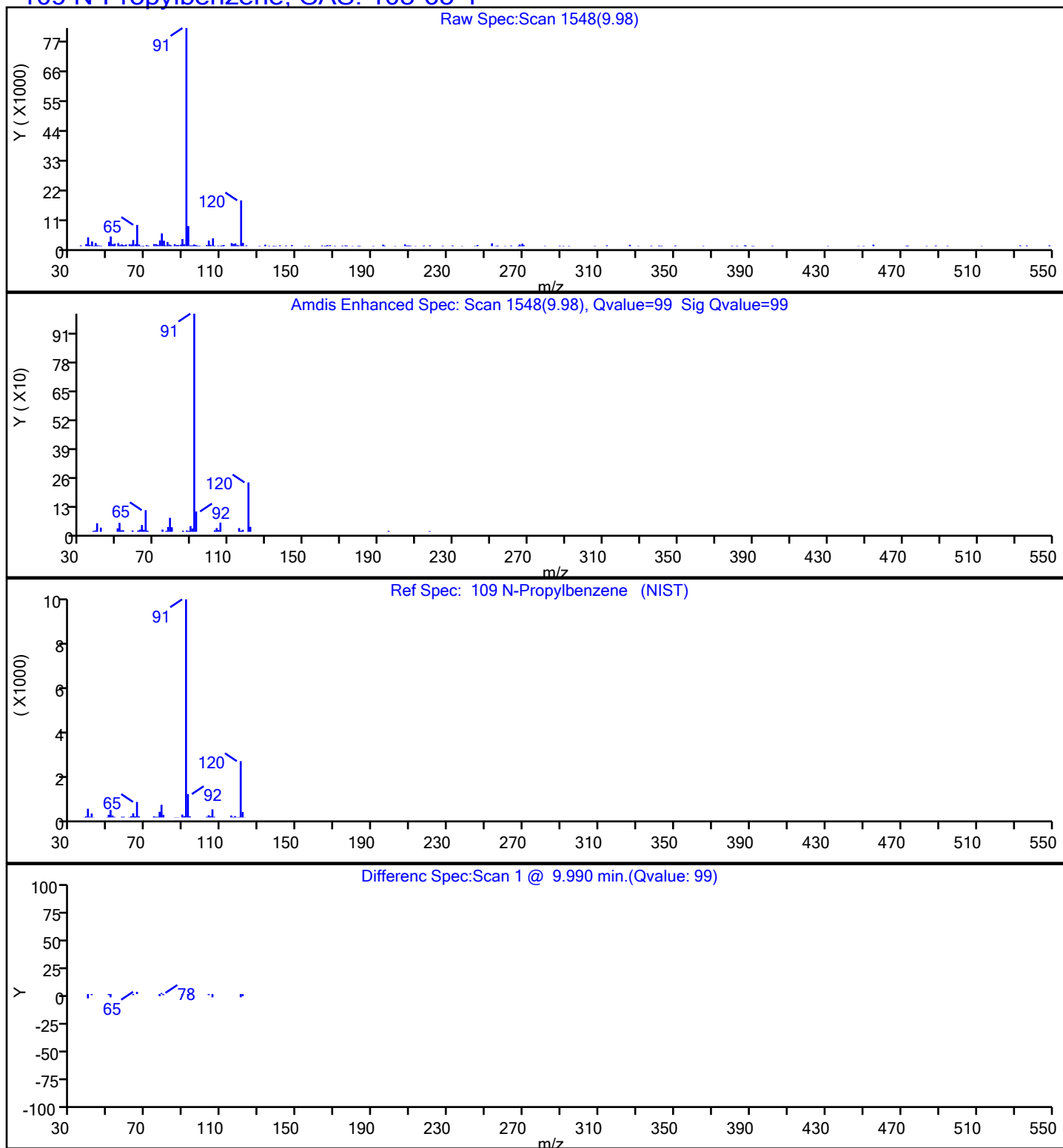
VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 109 N-Propylbenzene, CAS: 103-65-1



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

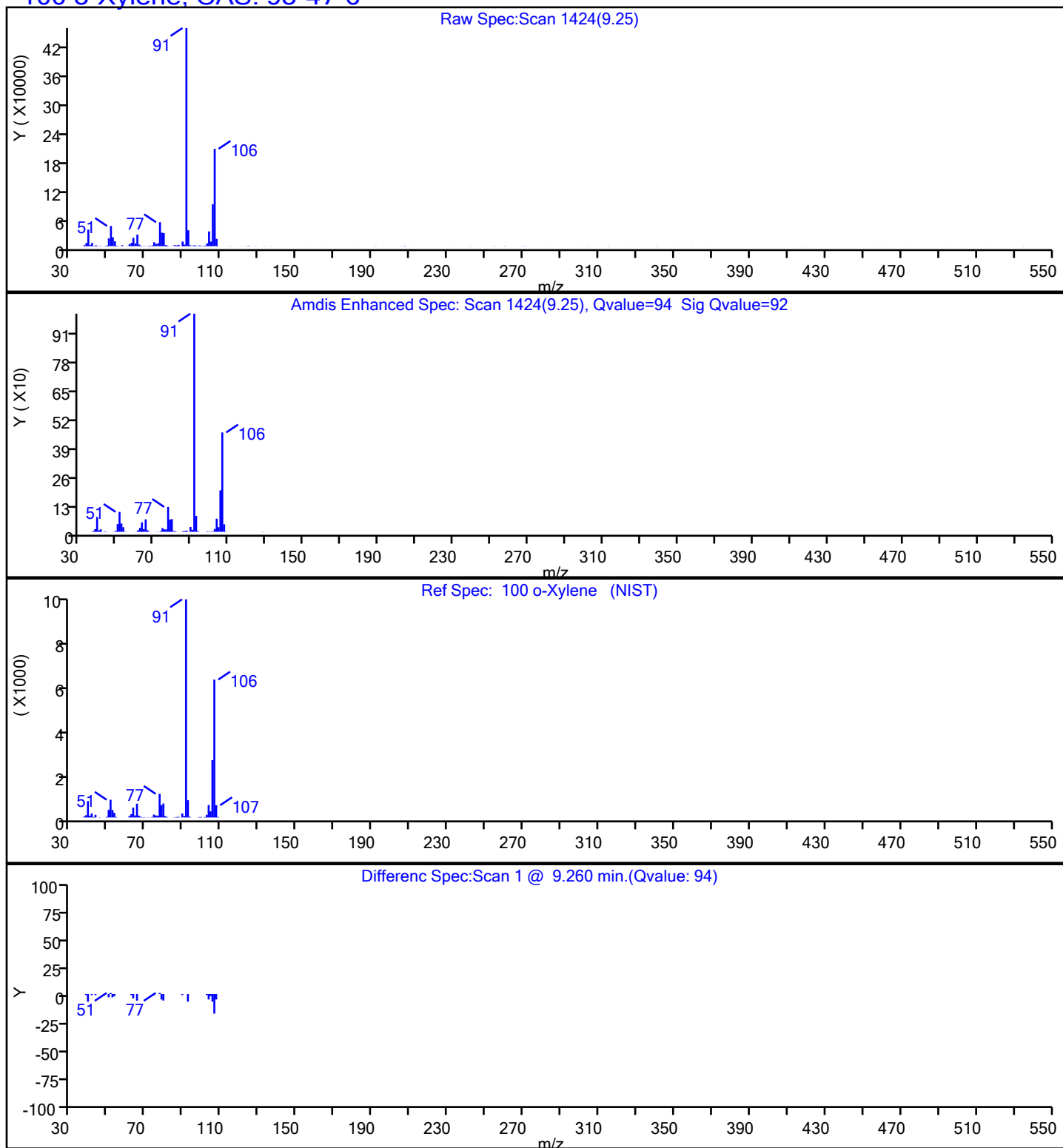
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

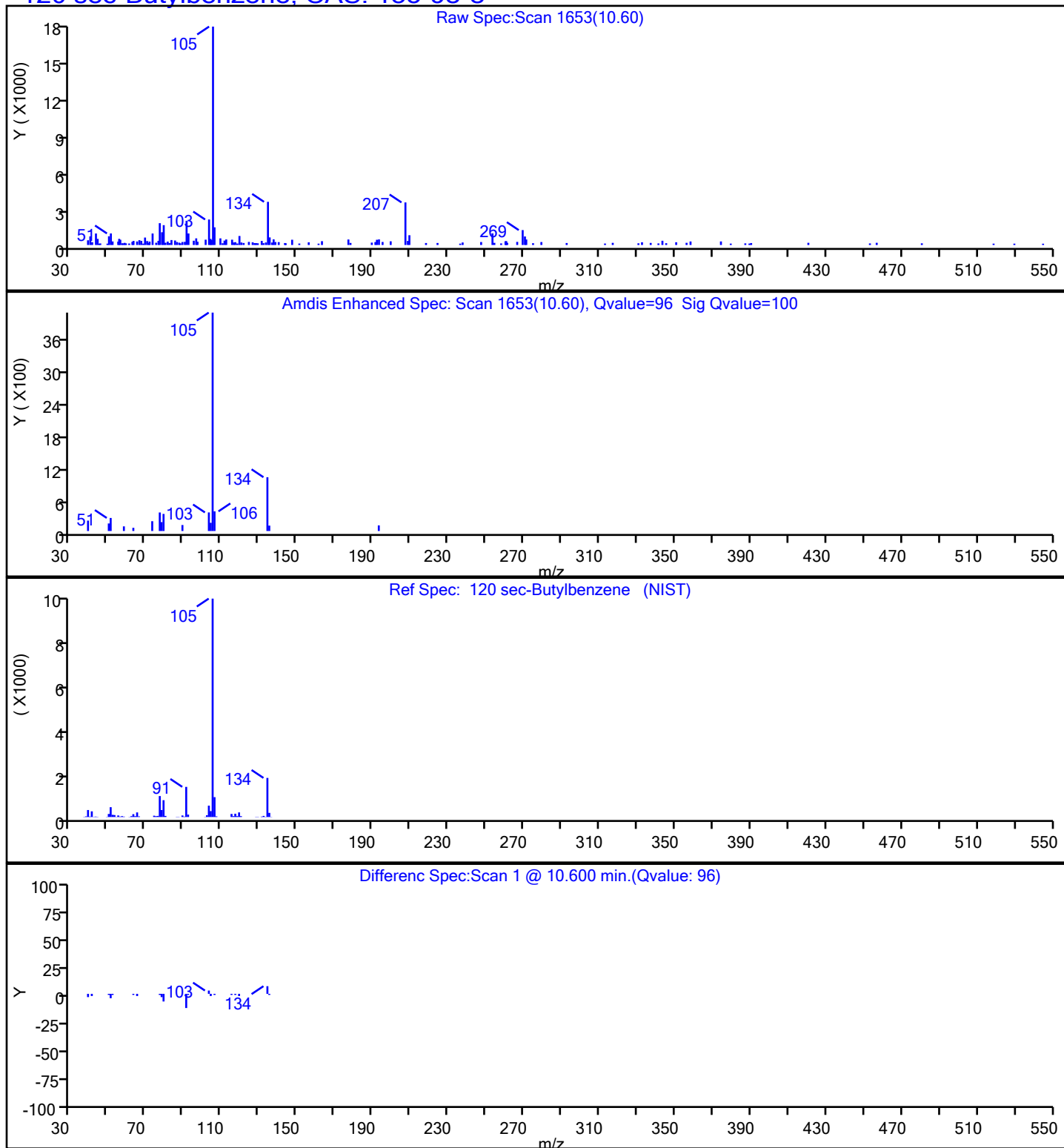
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**120 sec-Butylbenzene, CAS: 135-98-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

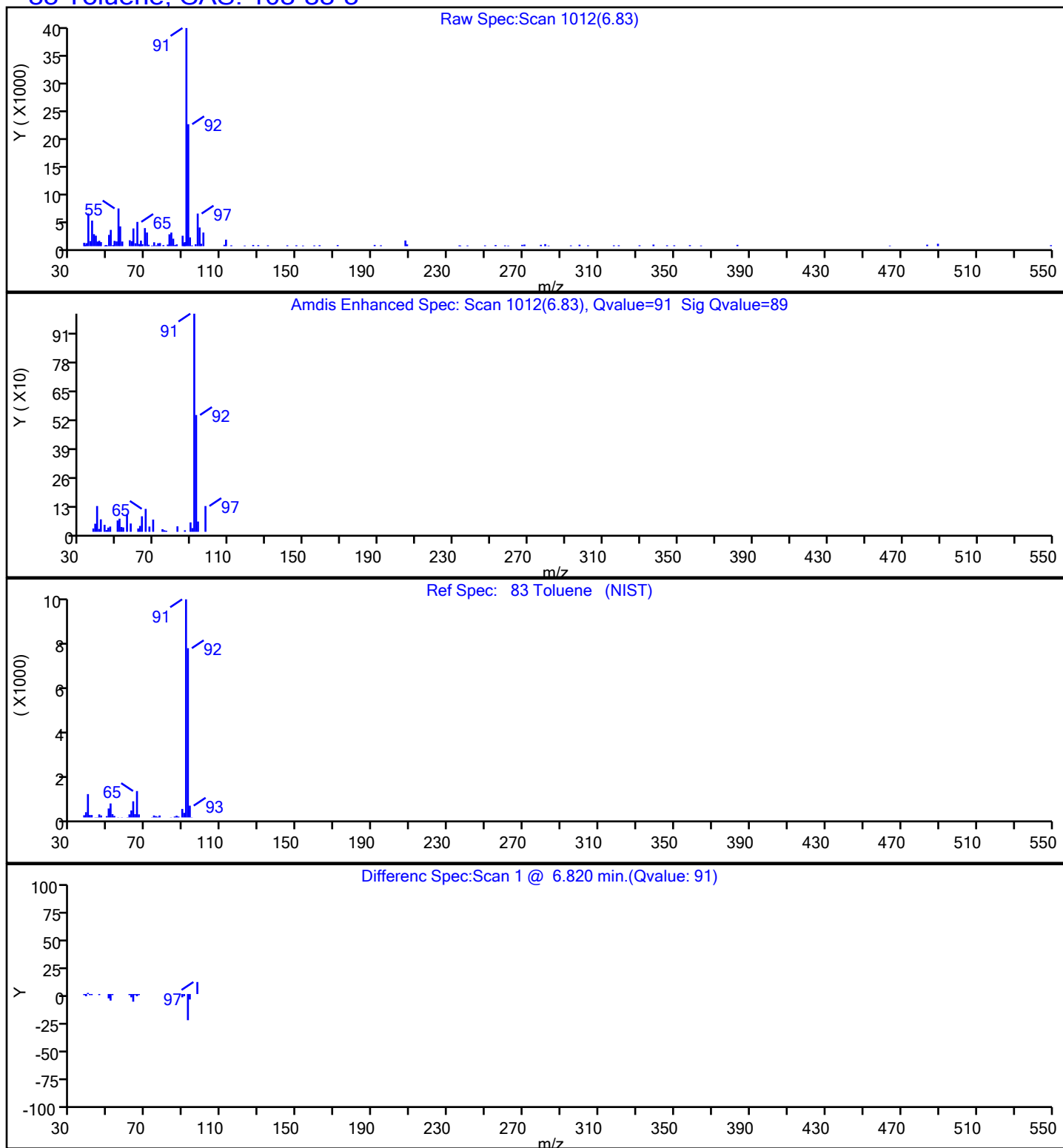
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**83 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01273.D

Injection Date: 04-May-2021 18:27:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-1

Lab Sample ID: 460-233338-1

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

26

Worklist Smp#: 27

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

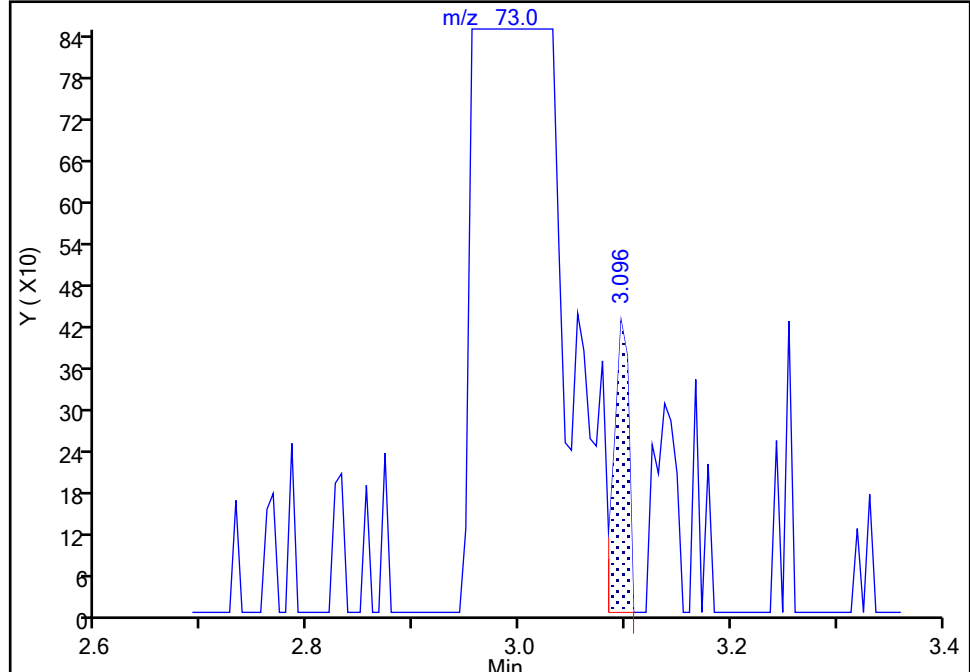
Detector: MS Quad

**32 Methyl tert-butyl ether, CAS: 1634-04-4**

Signal: 1

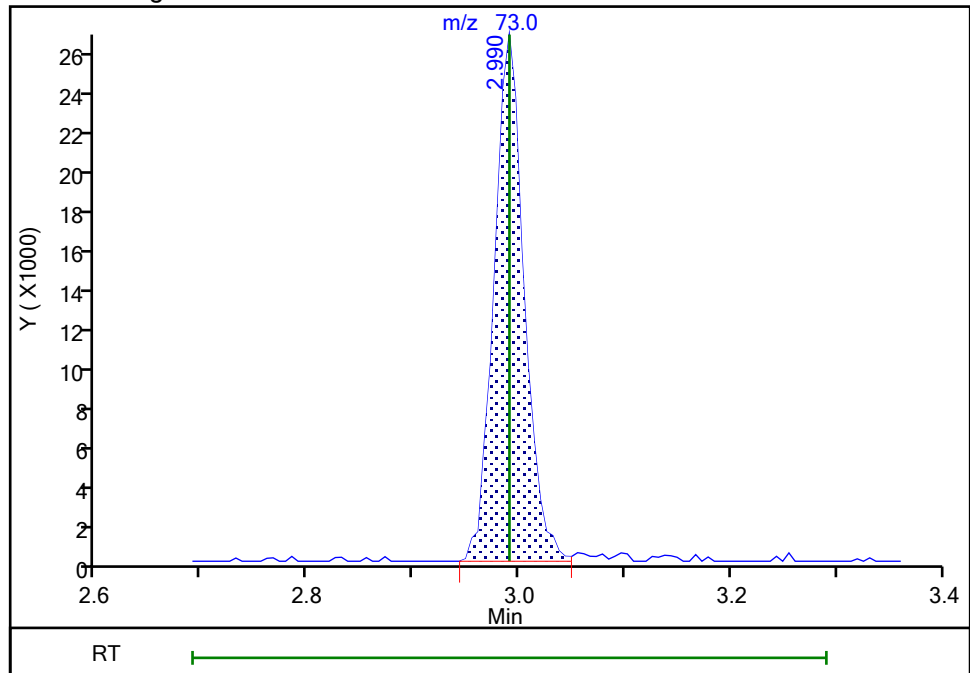
RT: 3.10  
Area: 409  
Amount: 0.022985  
Amount Units: ug/l

## Processing Integration Results



RT: 2.99  
Area: 52739  
Amount: 2.963853  
Amount Units: ug/l

## Manual Integration Results



Reviewer: asfawa, 05-May-2021 10:39:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20210430 Lab Sample ID: 460-233338-2  
 Matrix: Water Lab File ID: V01274.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 11:05  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 18:49  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	4.3		1.0	0.37
71-43-2	Benzene	3.7		1.0	0.20
100-41-4	Ethylbenzene	7.2		1.0	0.30
98-82-8	Isopropylbenzene	1.4		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.58	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	25		1.0	0.30
91-20-3	Naphthalene	2.7		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.33	J	1.0	0.32
95-47-6	o-Xylene	10		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	3.0		1.0	0.38
1330-20-7	Xylenes, Total	35		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-123
460-00-4	4-Bromofluorobenzene	89		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01274.D  
 Lims ID: 460-233338-B-2  
 Client ID: MW-02\_20210430  
 Sample Type: Client  
 Inject. Date: 04-May-2021 18:49:30 ALS Bottle#: 27 Worklist Smp#: 28  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-233338-B-2  
 Misc. Info.: 460-0128028-028  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 14:51:03 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 04-May-2021 19:19:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.826	2.826	0.000	100	44482	1000.0	
32 Methyl tert-butyl ether	73	2.996	2.990	0.006	84	9902	0.5785	a
* 42 2-Butanone-d5	46	3.837	3.837	0.000	100	281206	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	96	176053	47.2	
59 Benzene	78	4.655	4.649	0.006	95	98844	3.67	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	96	181431	47.0	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	625573	50.0	
* 68 1,4-Dioxane-d8	96	5.684	5.690	-0.006	89	31198	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	99	857164	46.5	
83 Toluene	91	6.819	6.825	-0.006	93	84208	2.99	
* 94 Chlorobenzene-d5	117	8.602	8.596	0.006	85	471418	50.0	
97 Ethylbenzene	106	8.713	8.714	-0.001	97	67604	7.19	
98 m-Xylene & p-Xylene	106	8.849	8.849	0.000	95	284880	25.2	
100 o-Xylene	106	9.260	9.261	-0.001	94	112634	10.2	
104 Isopropylbenzene	105	9.607	9.602	0.005	95	37810	1.40	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	197440	44.7	
109 N-Propylbenzene	91	9.984	9.984	0.000	98	10325	0.3299	
119 1,2,4-Trimethylbenzene	105	10.478	10.472	0.006	61	5802	0.2728	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	100359	4.35	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	96	213863	50.0	
134 Naphthalene	128	12.495	12.490	0.005	99	54145	2.68	
S 137 Xylenes, Total	100				0		35.4	

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID



**Reagents:**

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00217

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

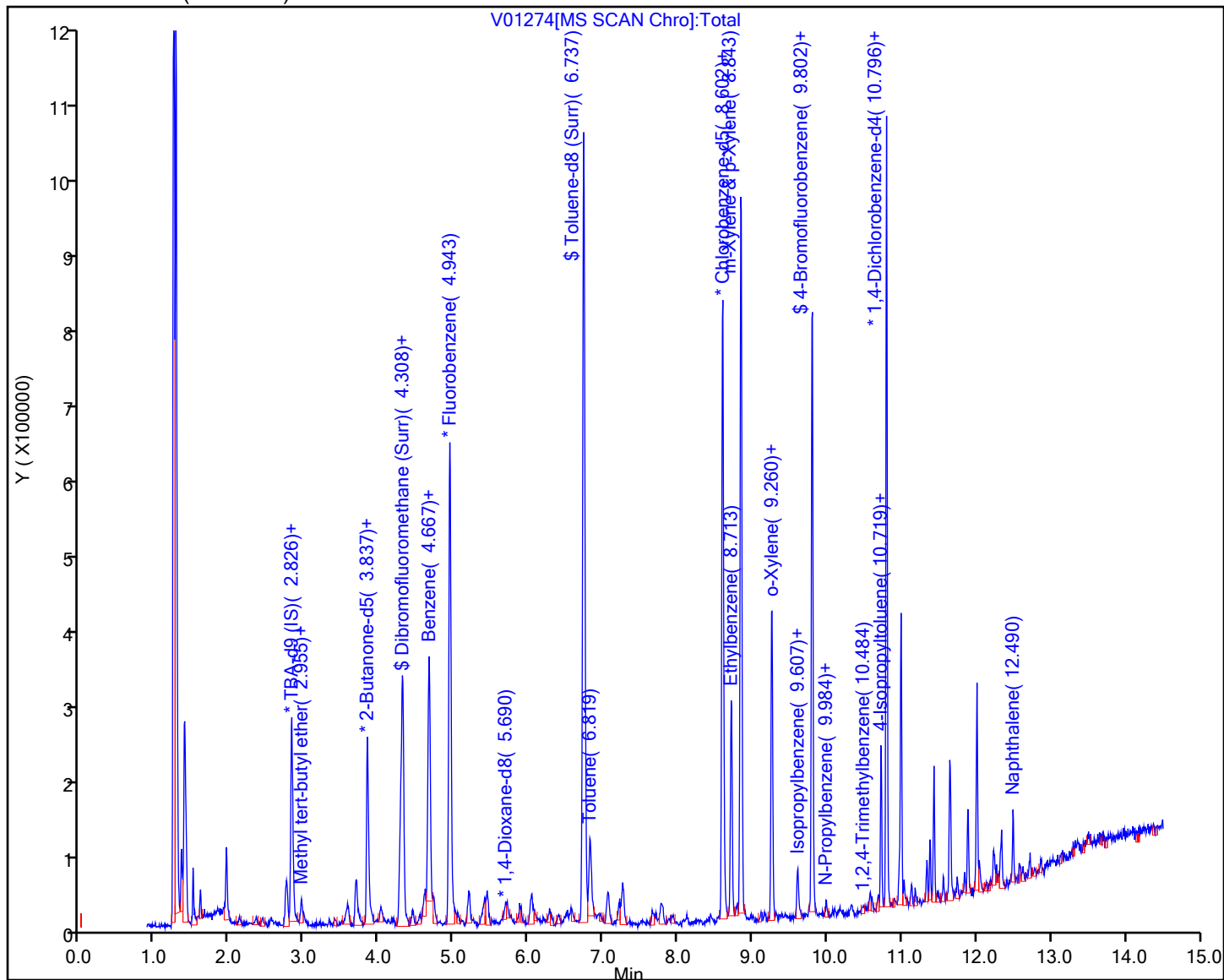
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

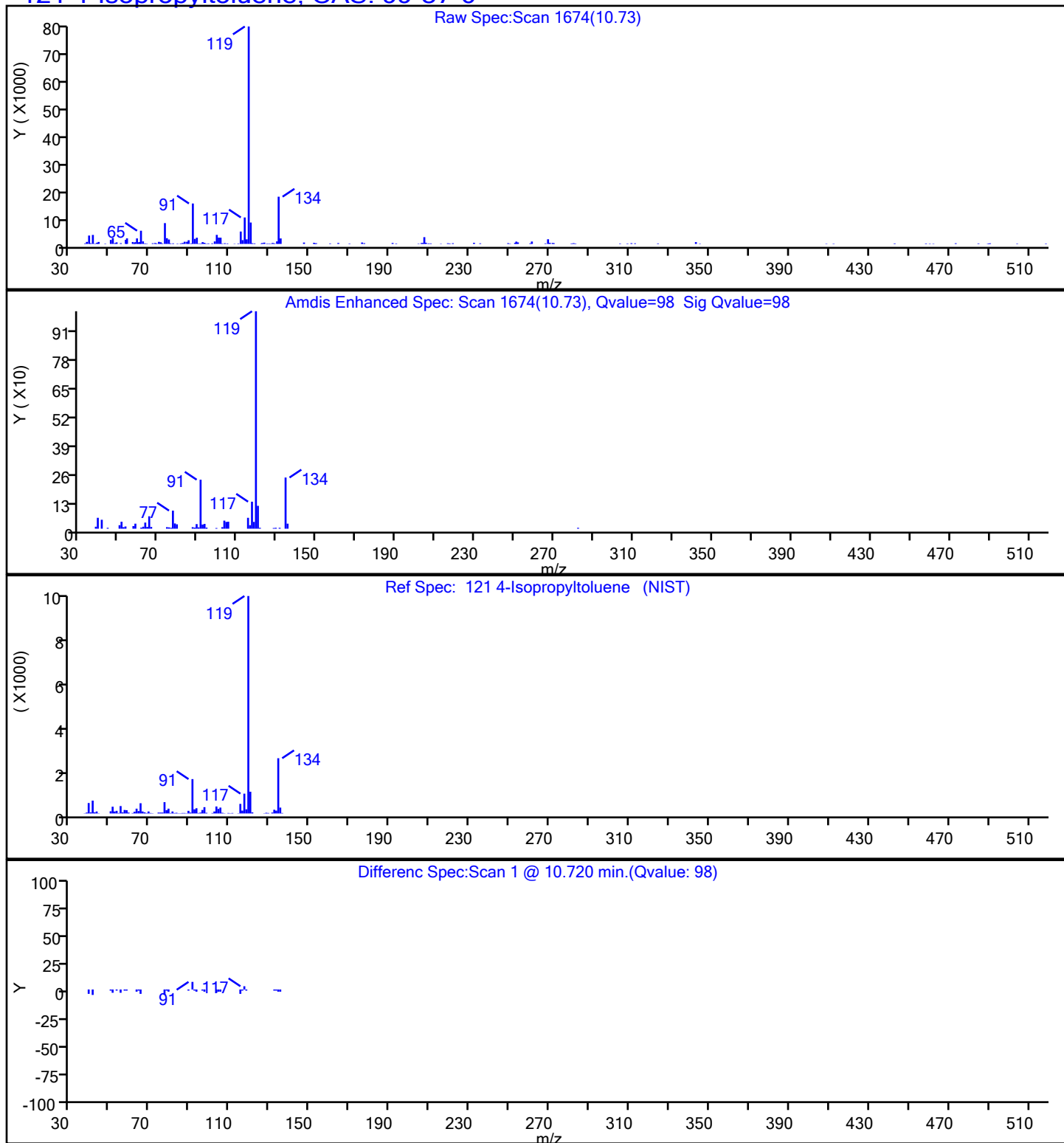
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**121 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

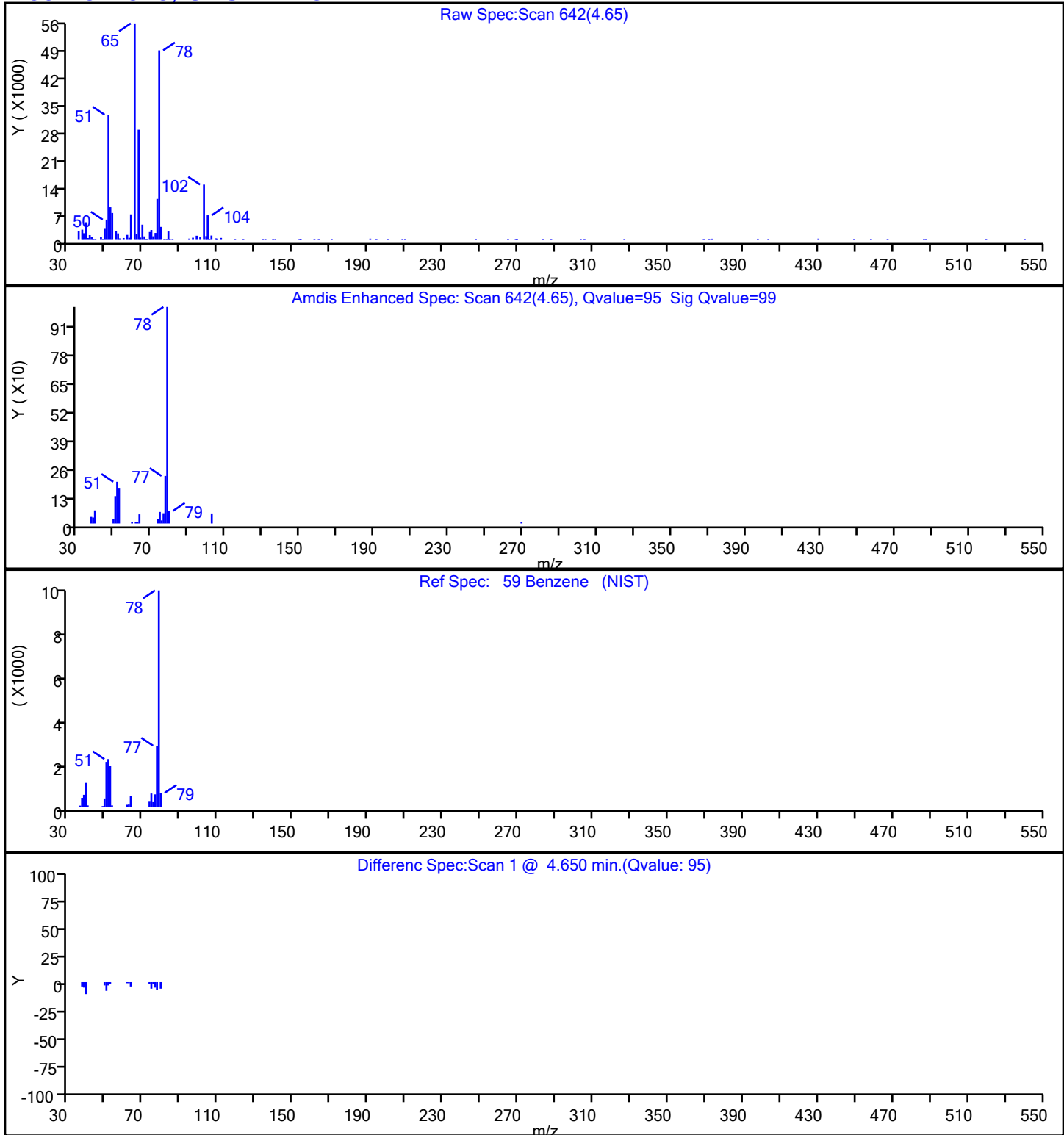
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**59 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

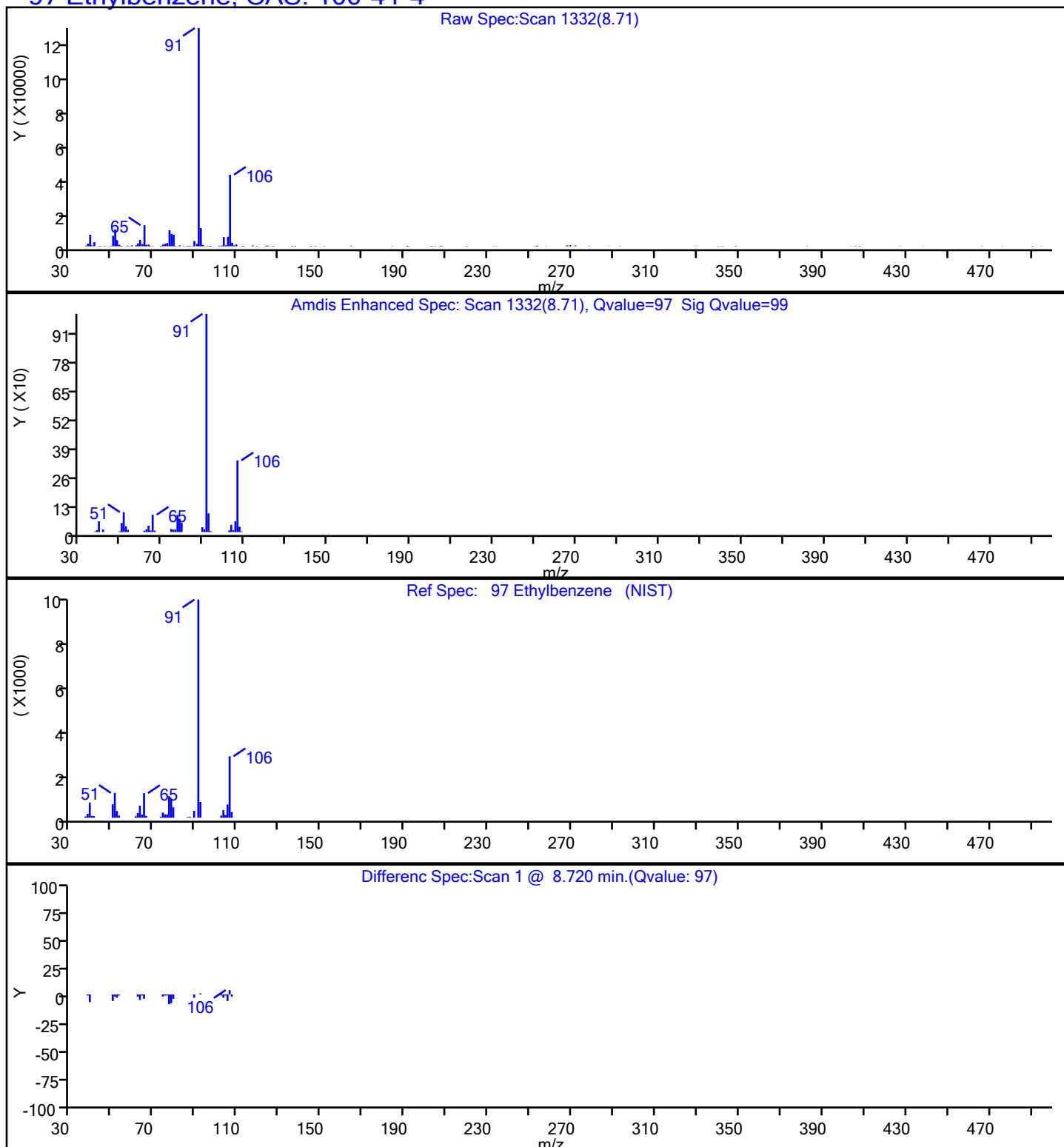
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**97 Ethylbenzene, CAS: 100-41-4**

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

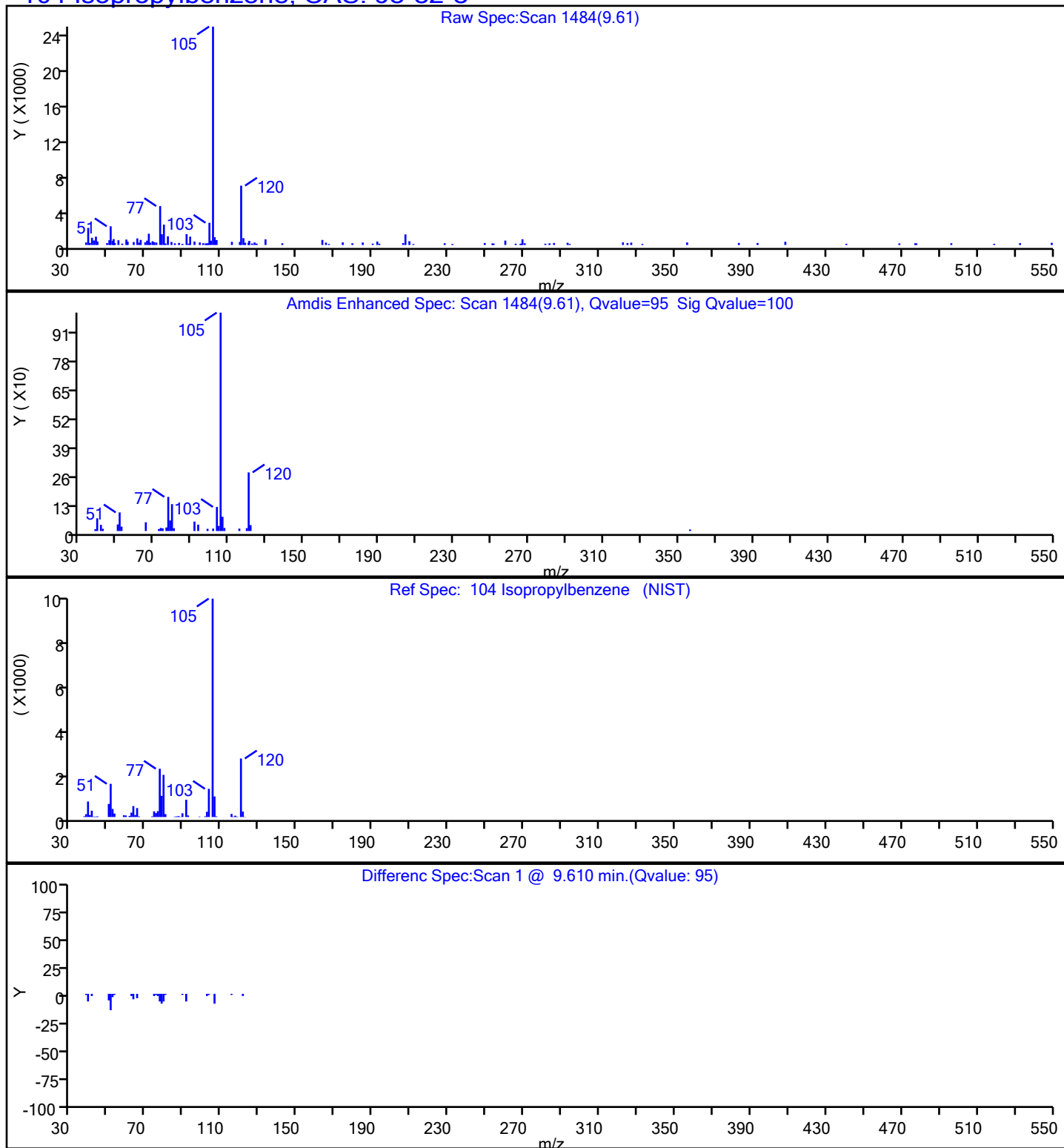
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

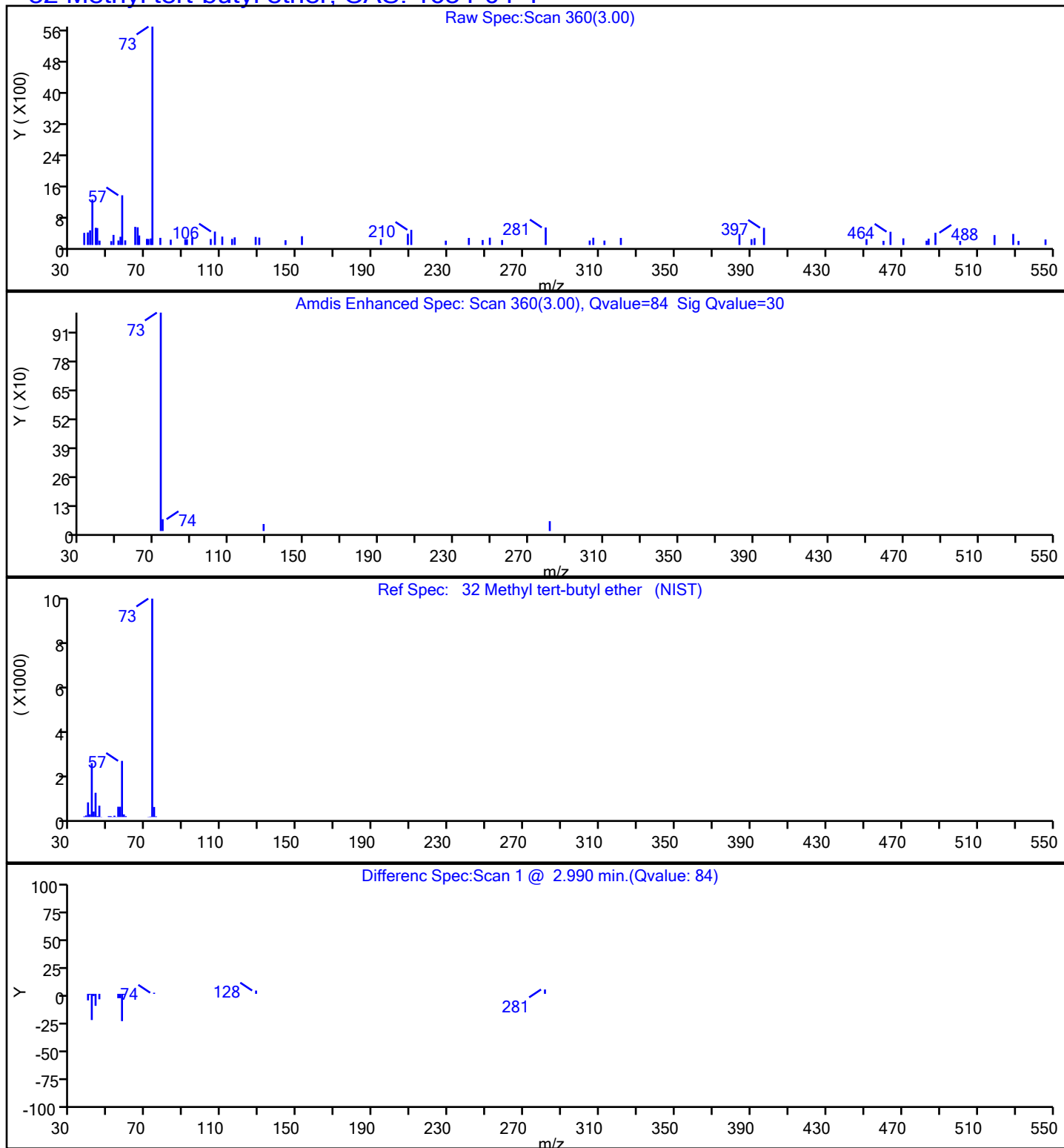
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**32 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

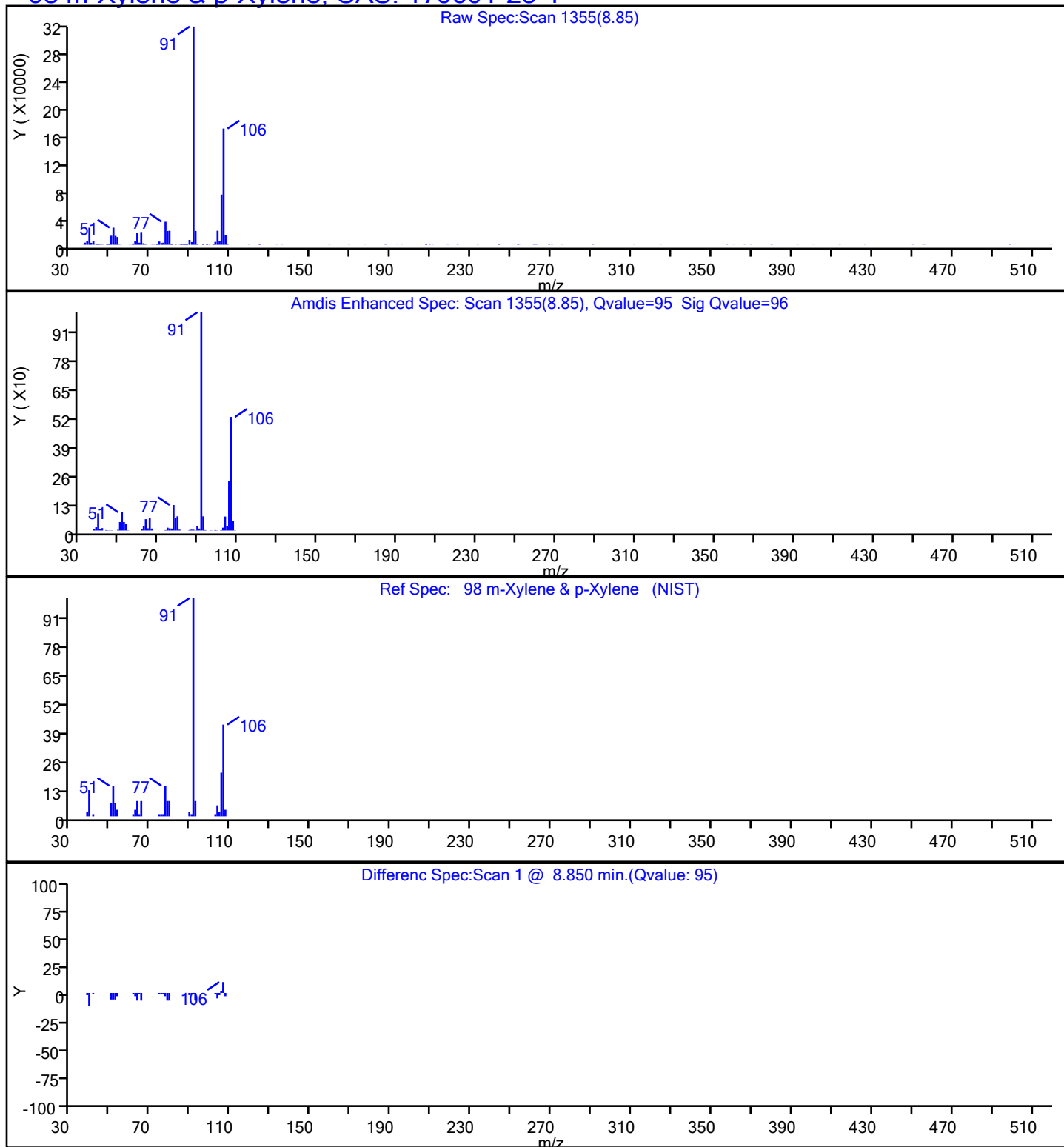
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

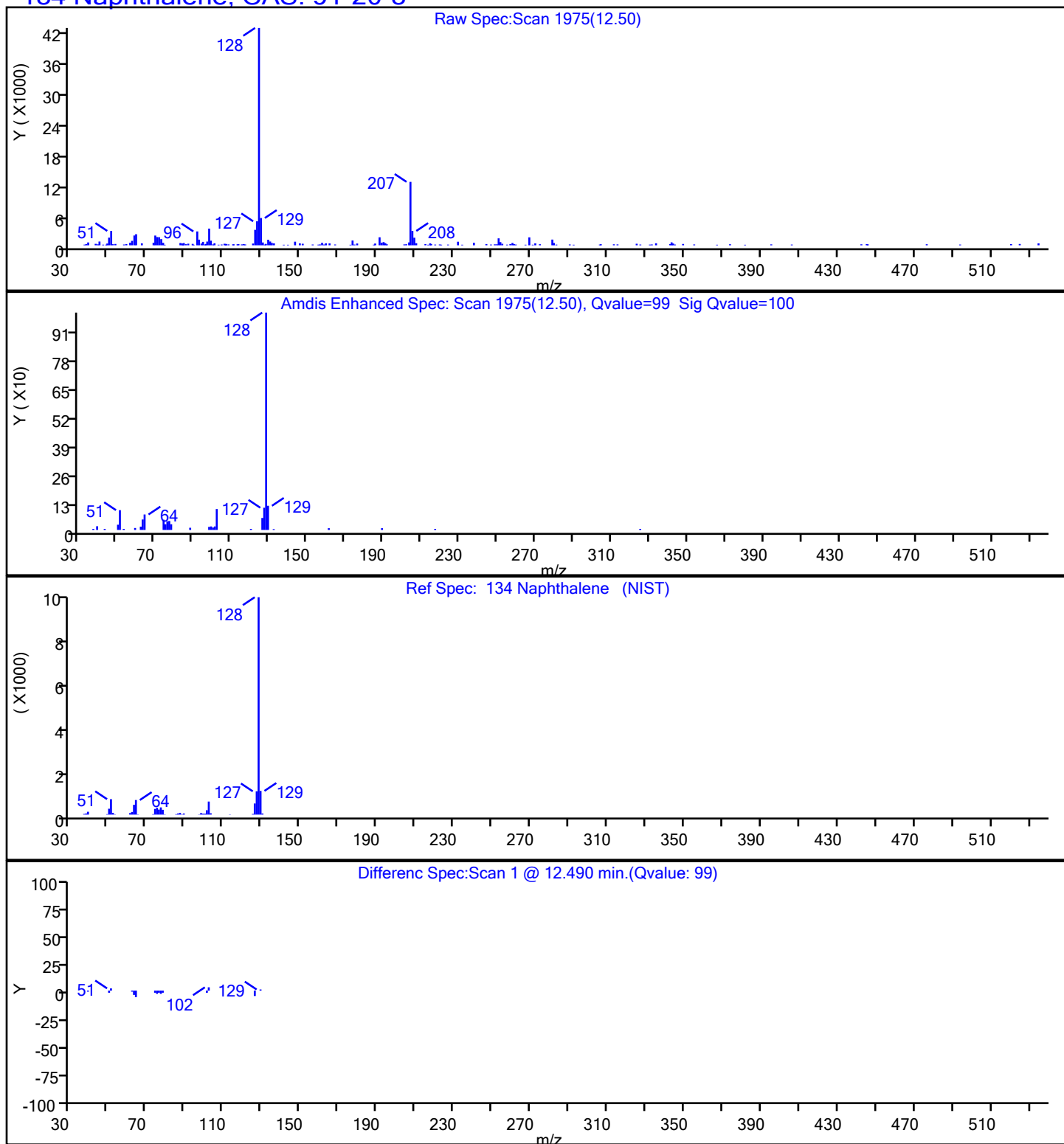
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

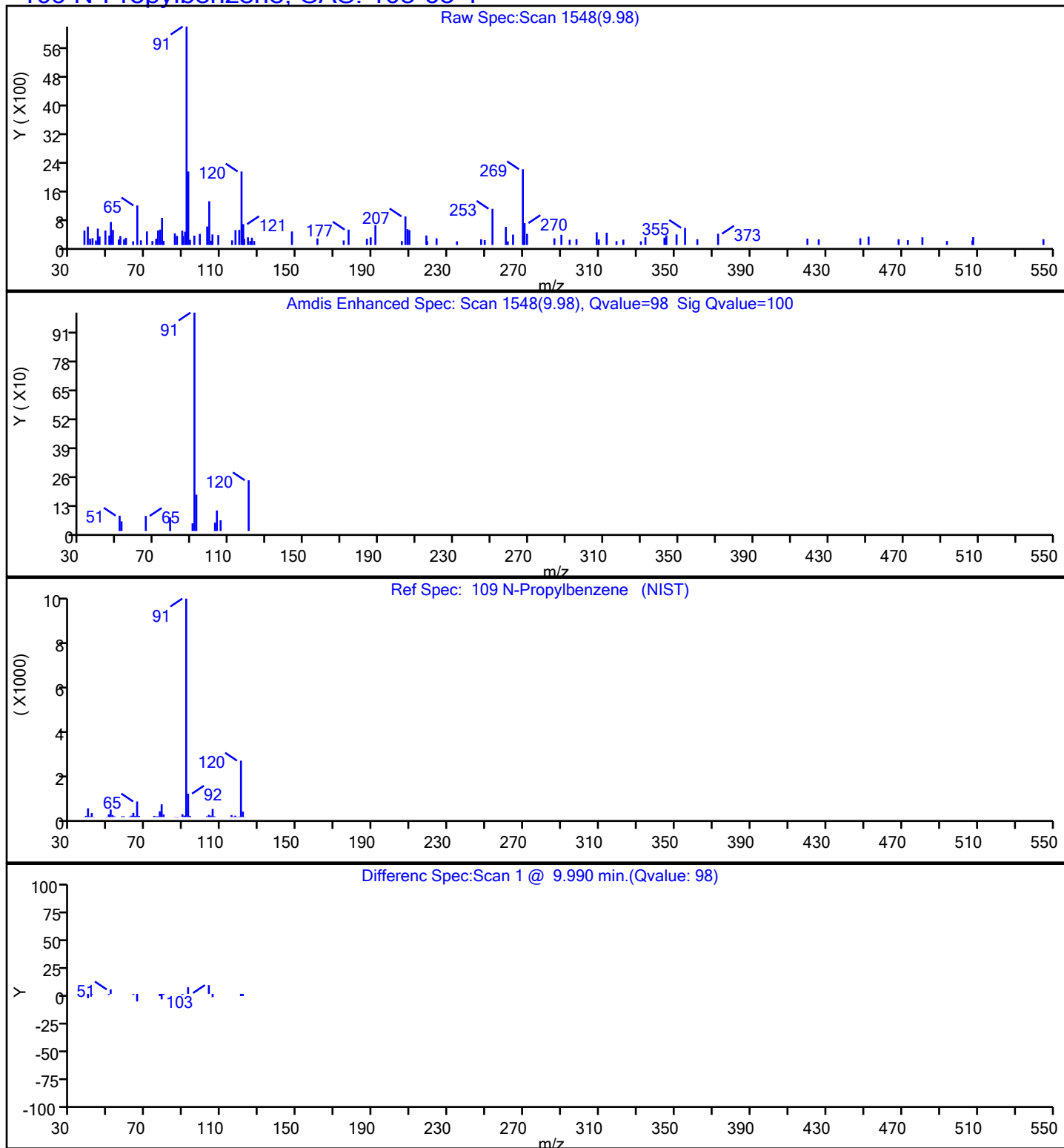
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**109 N-Propylbenzene, CAS: 103-65-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

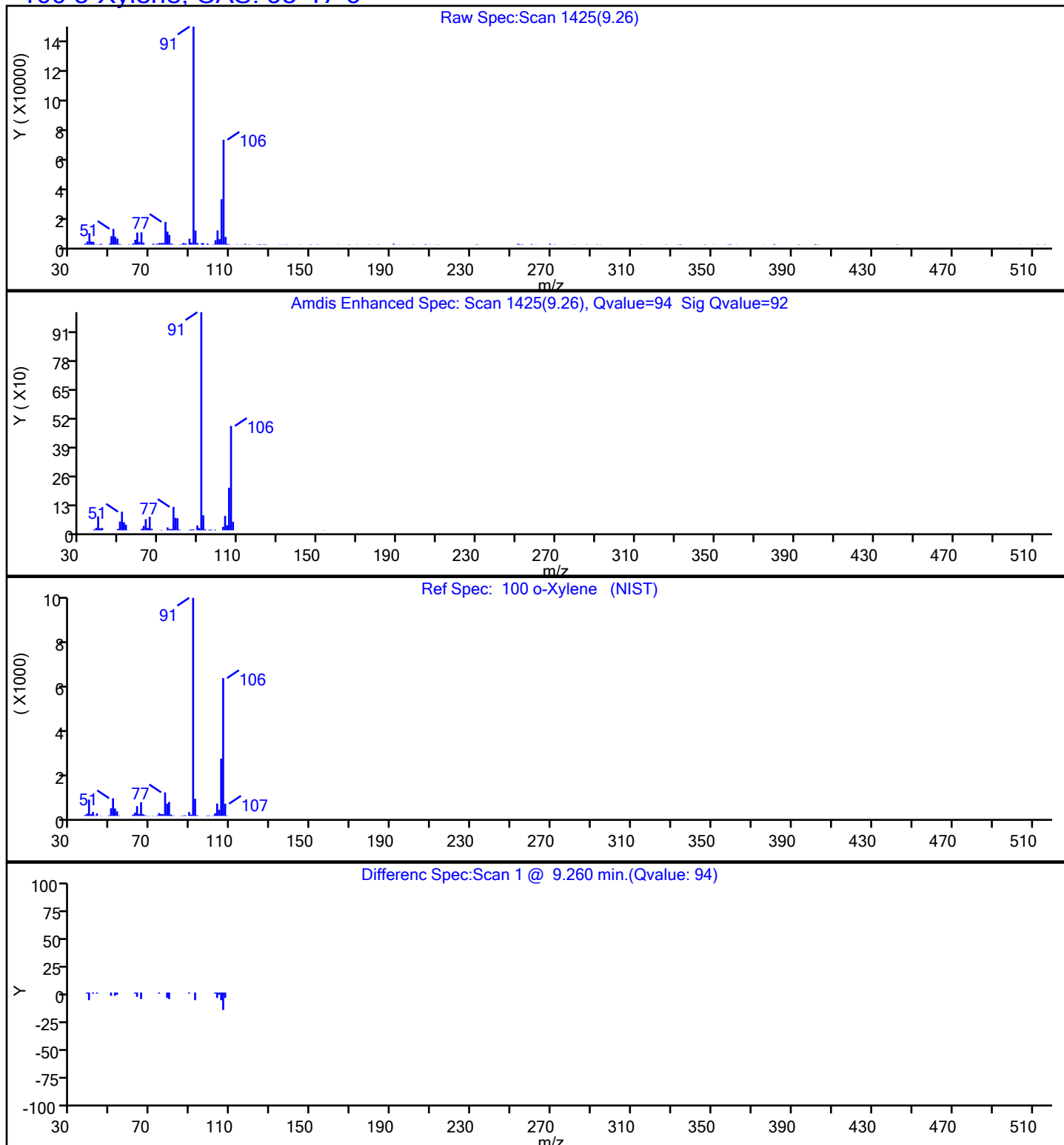
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

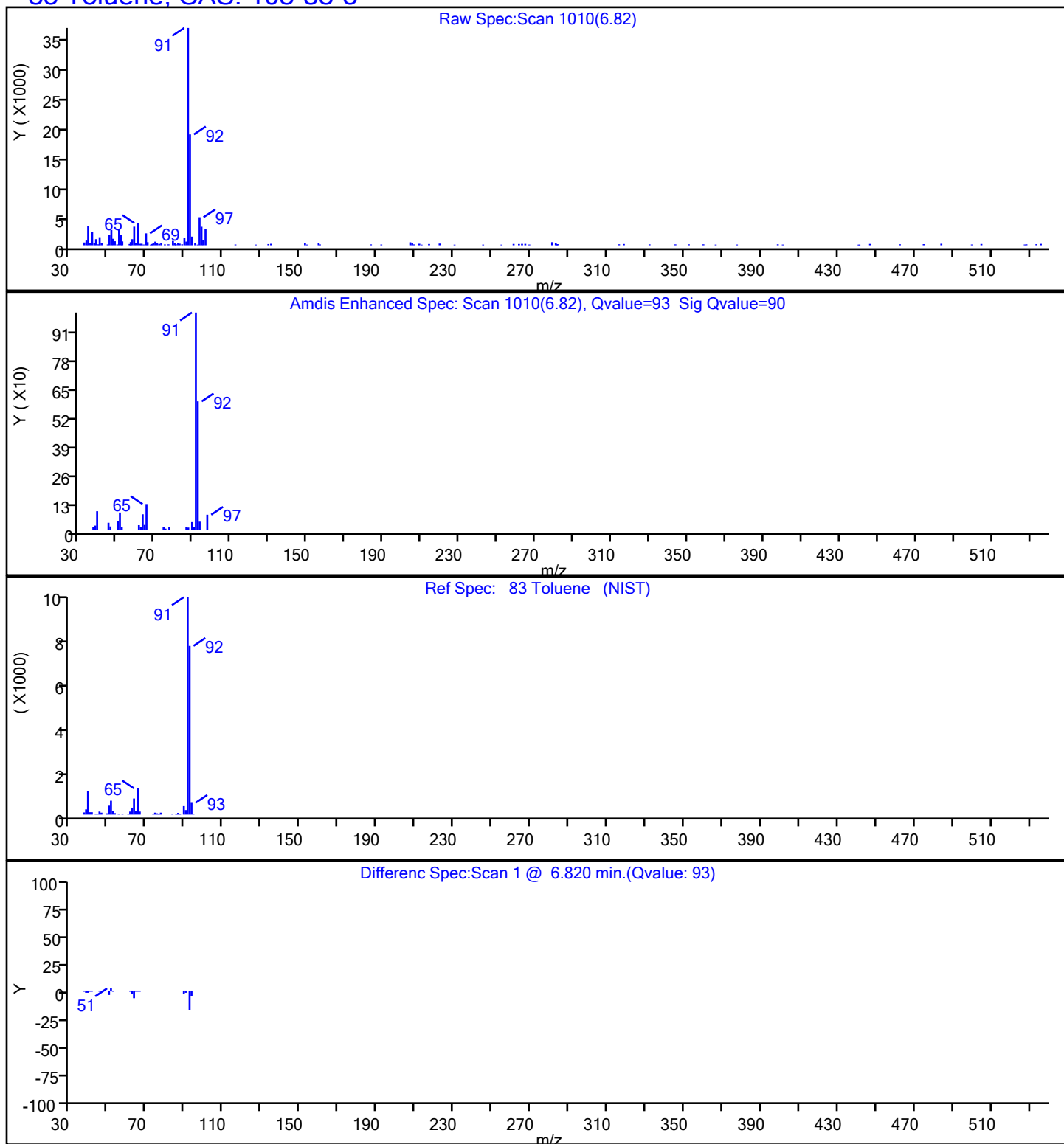
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**83 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

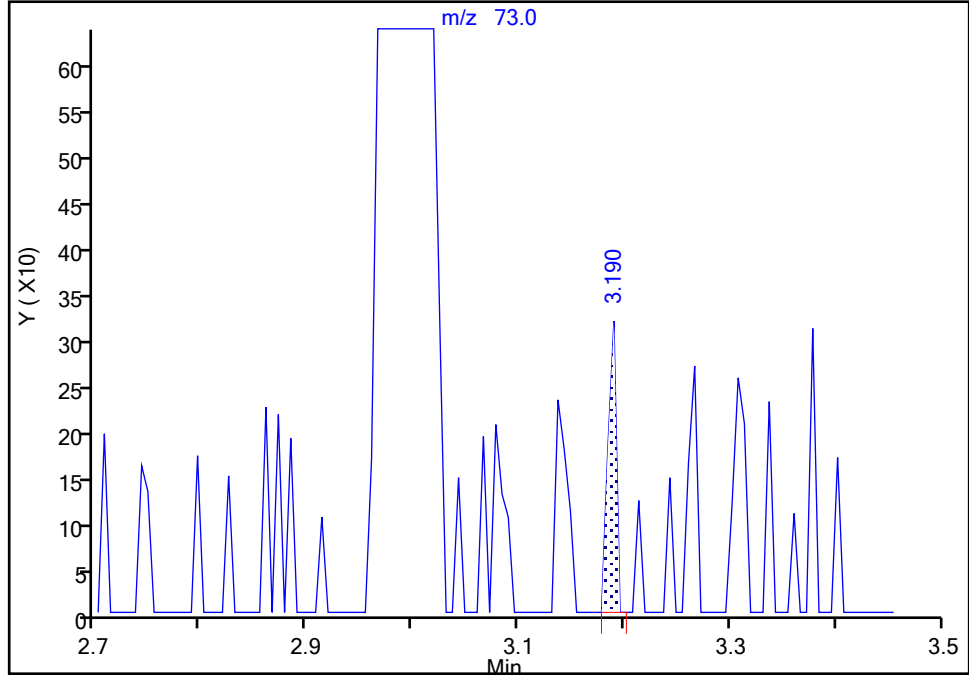
MS Quad

**32 Methyl tert-butyl ether, CAS: 1634-04-4**

Signal: 1

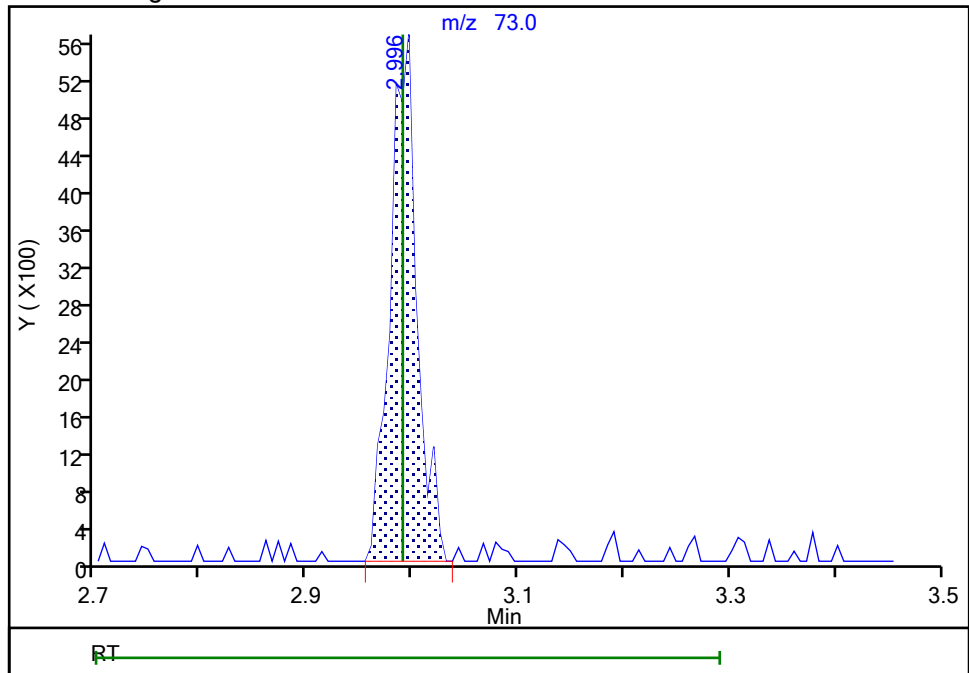
RT: 3.19  
Area: 174  
Amount: 0.010165  
Amount Units: ug/l

## Processing Integration Results



RT: 3.00  
Area: 9902  
Amount: 0.578474  
Amount Units: ug/l

## Manual Integration Results



Reviewer: asfawa, 05-May-2021 10:42:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01274.D

Injection Date: 04-May-2021 18:49:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-2

Lab Sample ID: 460-233338-2

Client ID: MW-02\_20210430

Operator ID:

ALS Bottle#:

27

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

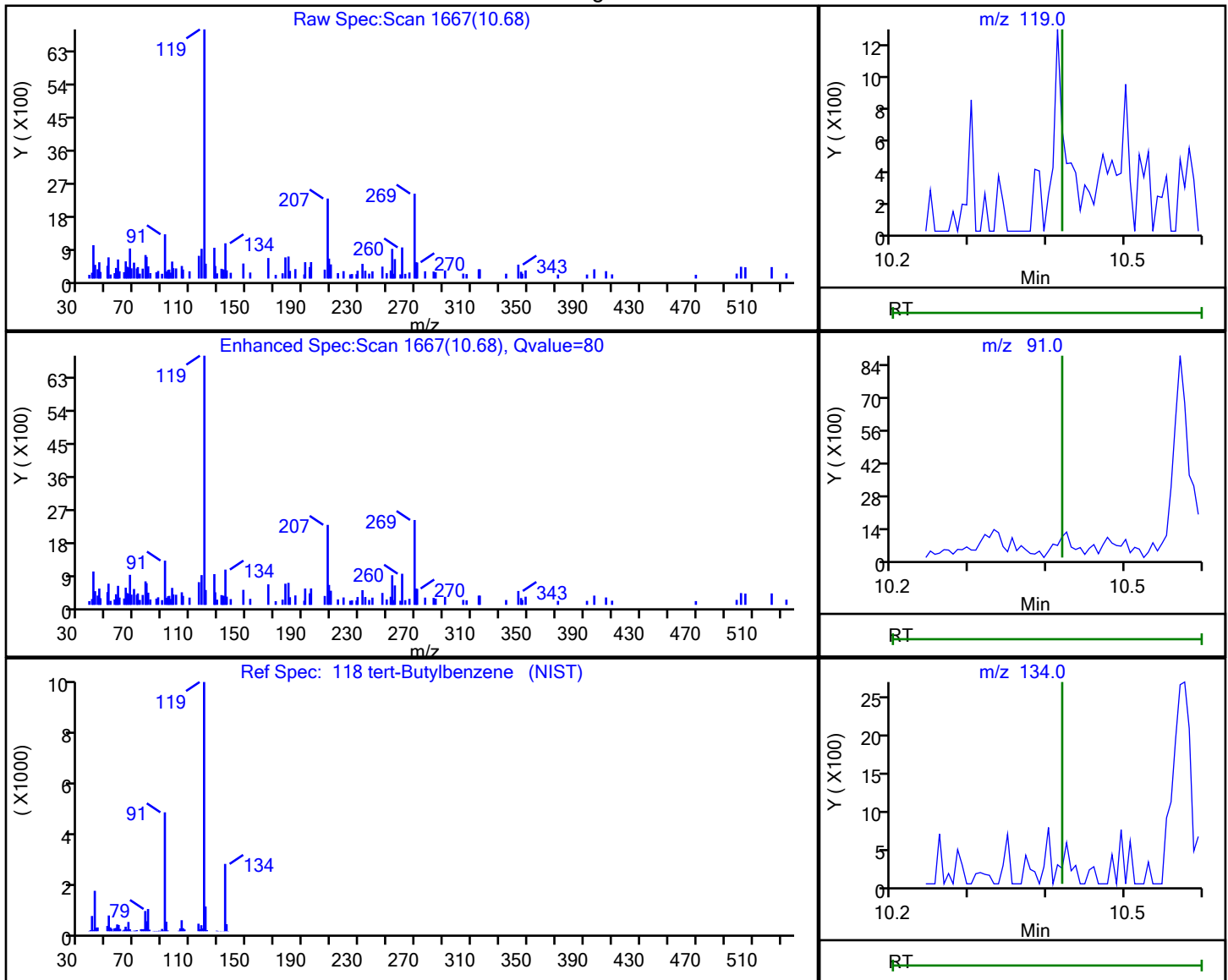
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 118 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



RT	Mass	Response	Amount
10.68	119.00	10605	0.577116
10.68	91.00	1770	
10.68	134.00	1761	

Reviewer: parekhv, 04-May-2021 19:18:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-X\_20210430 Lab Sample ID: 460-233338-3  
 Matrix: Water Lab File ID: V01275.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 11:10  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 19:12  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	4.4		1.0	0.37
71-43-2	Benzene	3.7		1.0	0.20
100-41-4	Ethylbenzene	7.3		1.0	0.30
98-82-8	Isopropylbenzene	1.3		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.61	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	27		1.0	0.30
91-20-3	Naphthalene	3.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.38	J	1.0	0.32
95-47-6	o-Xylene	11		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	3.2		1.0	0.38
1330-20-7	Xylenes, Total	37		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-123
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01275.D  
 Lims ID: 460-233338-A-3  
 Client ID: MW-X\_20210430  
 Sample Type: Client  
 Inject. Date: 04-May-2021 19:12:30 ALS Bottle#: 28 Worklist Smp#: 29  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-233338-A-3  
 Misc. Info.: 460-0128028-029  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 14:51:03 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1: Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 04-May-2021 19:40:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.820	2.826	-0.006	100	41275	1000.0	
32 Methyl tert-butyl ether	73	2.996	2.990	0.006	84	10161	0.6067	a
* 42 2-Butanone-d5	46	3.837	3.837	0.000	99	264052	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	97	169452	46.5	
59 Benzene	78	4.655	4.649	0.006	97	95220	3.66	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.673	4.667	0.006	94	163147	43.2	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	612038	50.0	
* 68 1,4-Dioxane-d8	96	5.684	5.690	-0.006	93	28610	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	99	797707	44.8	
83 Toluene	91	6.831	6.825	0.006	90	87077	3.20	
* 94 Chlorobenzene-d5	117	8.602	8.596	0.006	85	454688	50.0	
97 Ethylbenzene	106	8.714	8.714	0.000	98	66222	7.30	
98 m-Xylene & p-Xylene	106	8.843	8.849	-0.006	96	292744	26.8	
100 o-Xylene	106	9.261	9.261	0.000	94	113341	10.6	
104 Isopropylbenzene	105	9.602	9.602	0.000	97	32872	1.27	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	181707	42.6	
109 N-Propylbenzene	91	9.984	9.984	0.000	97	11939	0.3816	
119 1,2,4-Trimethylbenzene	105	10.472	10.472	0.000	78	5150	0.2422	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	101772	4.41	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	95	213797	50.0	
134 Naphthalene	128	12.496	12.490	0.006	99	61759	3.06	
S 137 Xylenes, Total	100				0		37.5	

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID



**Reagents:**

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00217

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

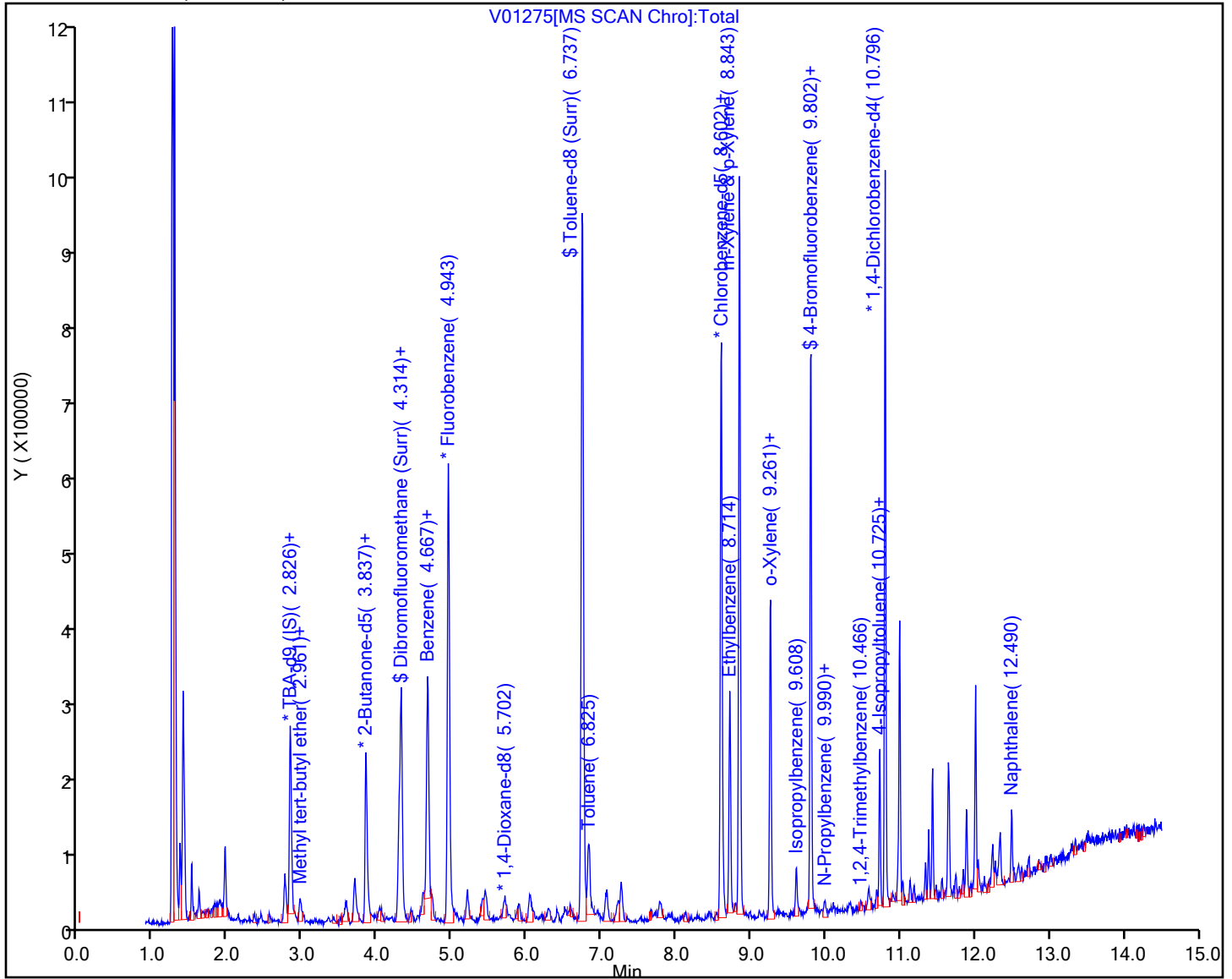
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

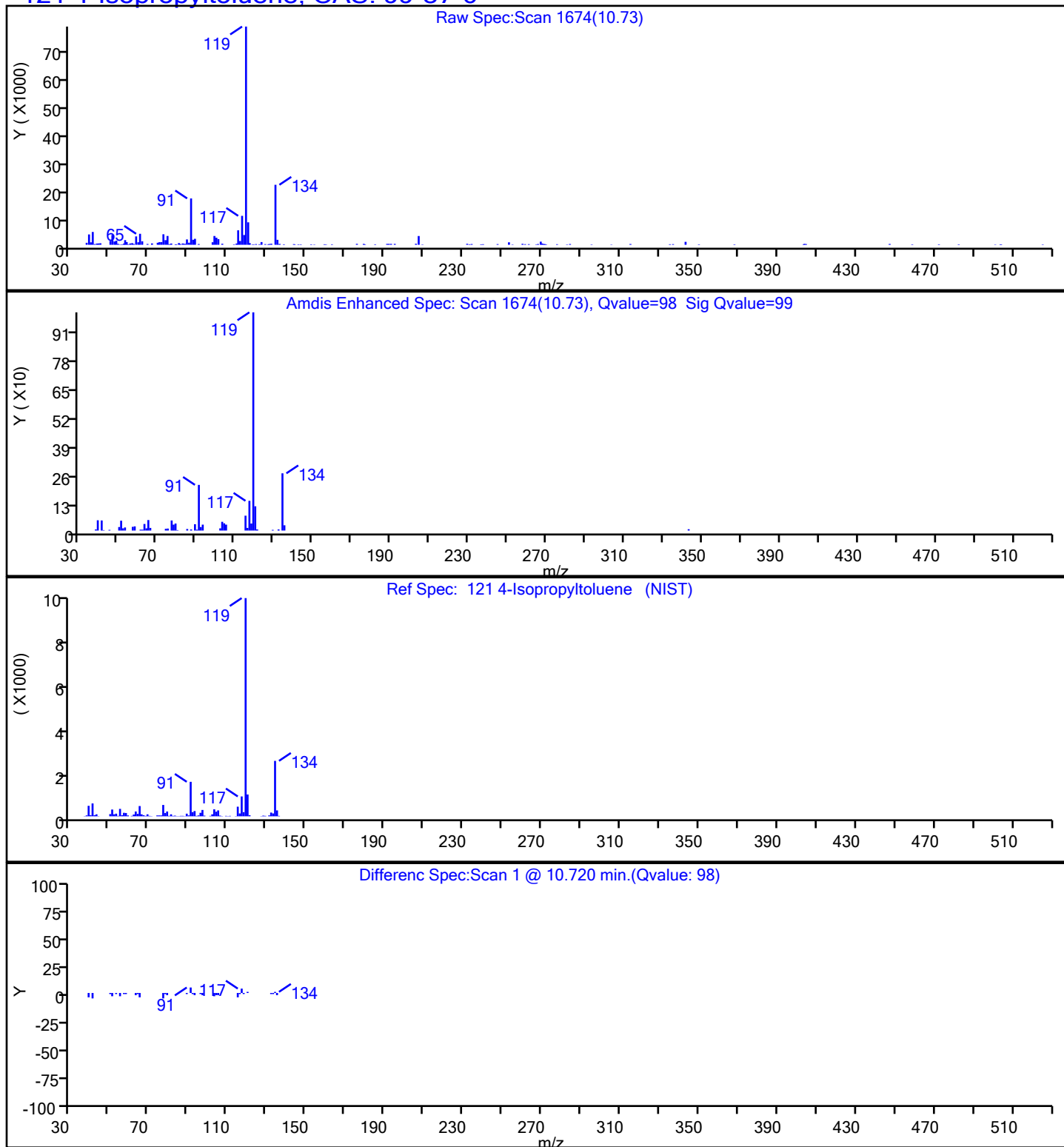
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**121 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

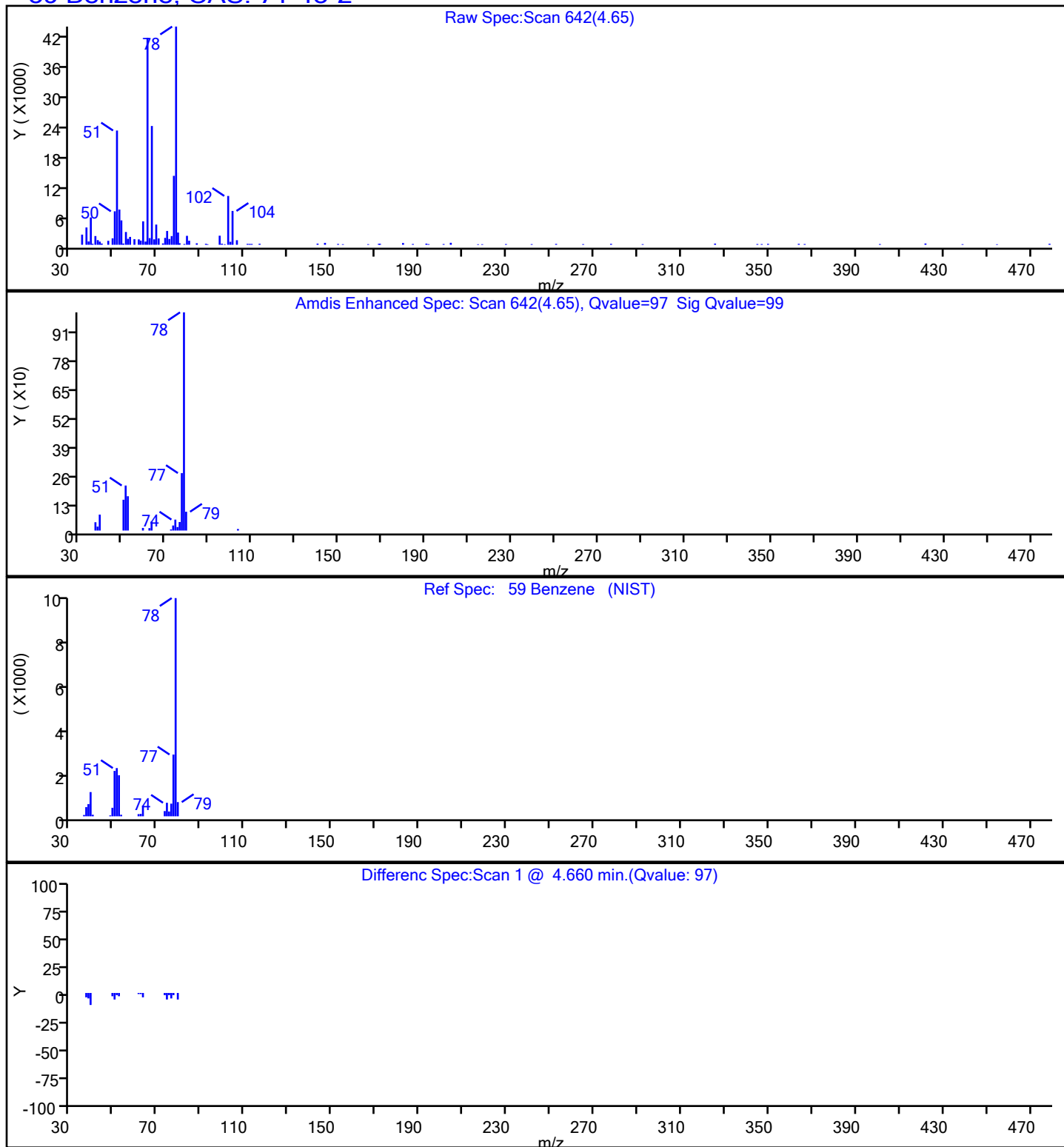
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**59 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

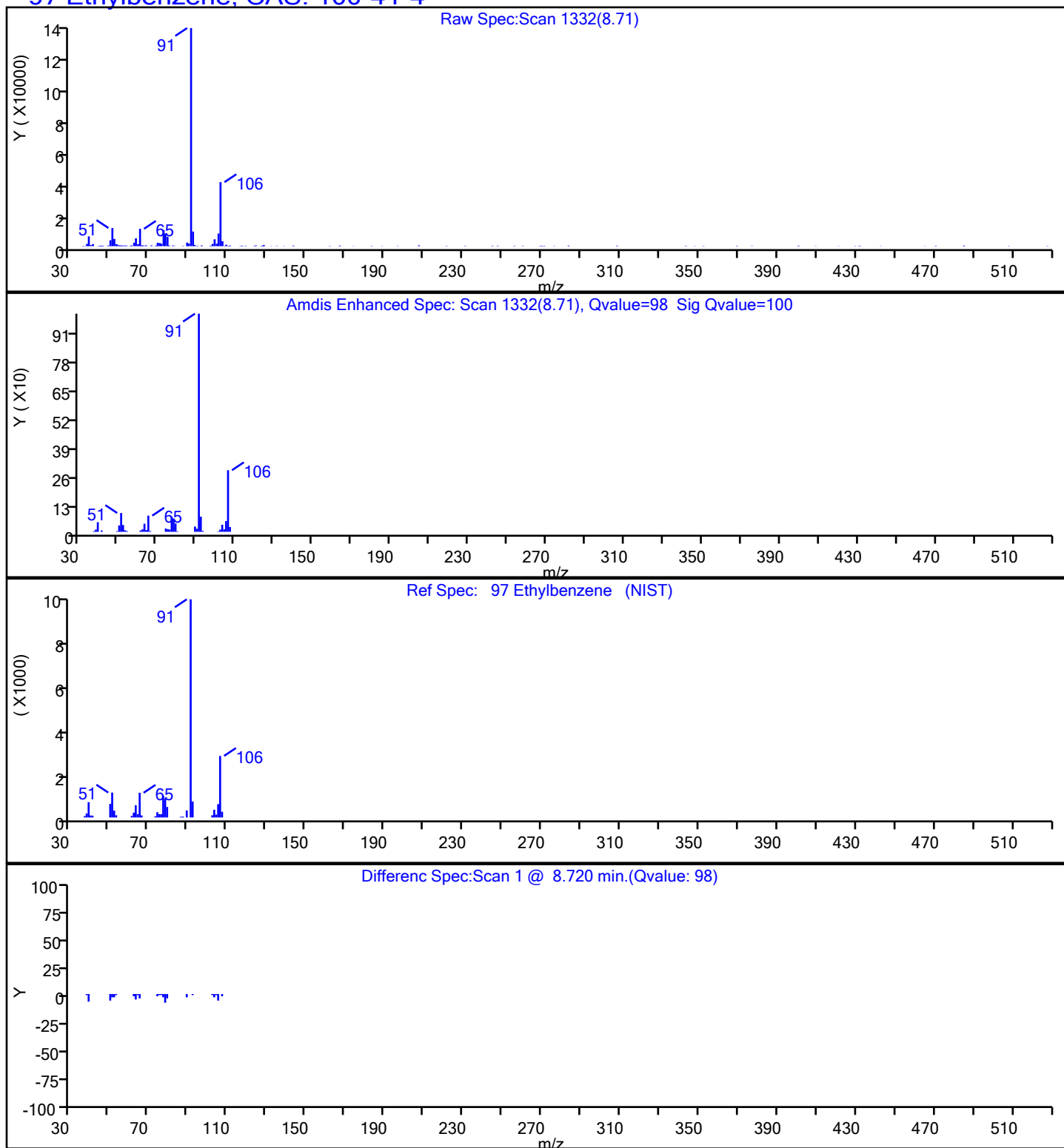
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**97 Ethylbenzene, CAS: 100-41-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

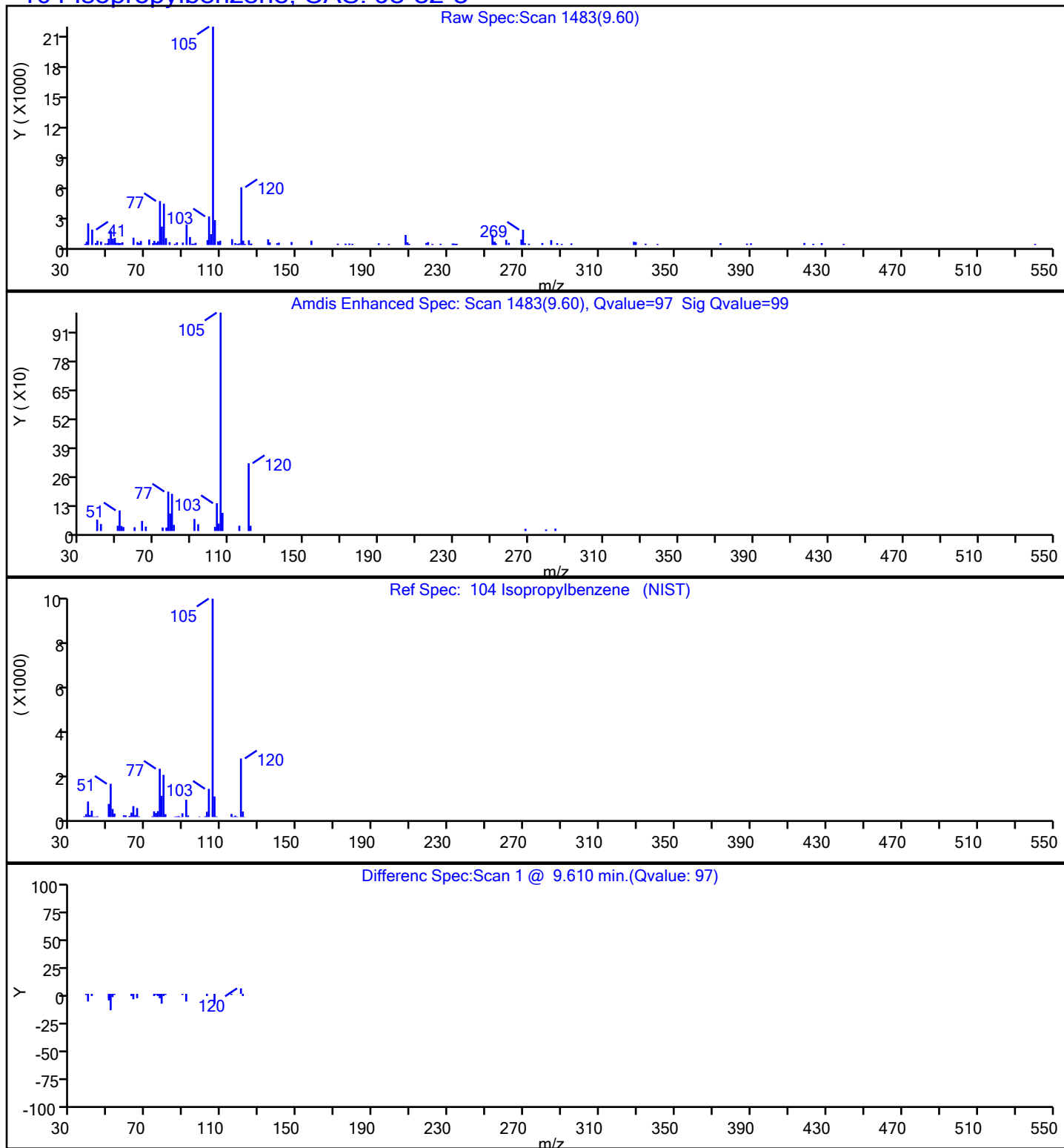
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

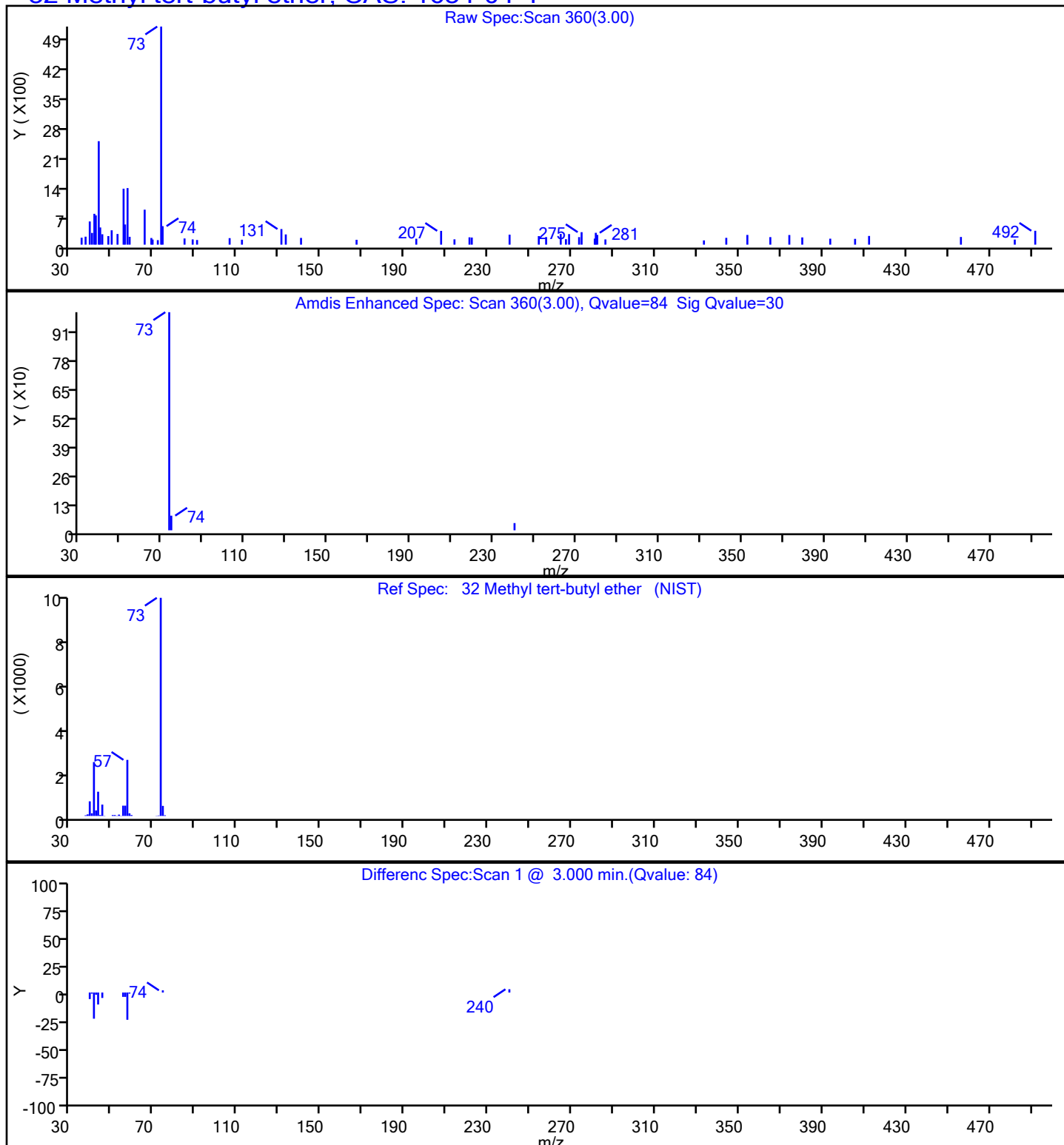
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**32 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

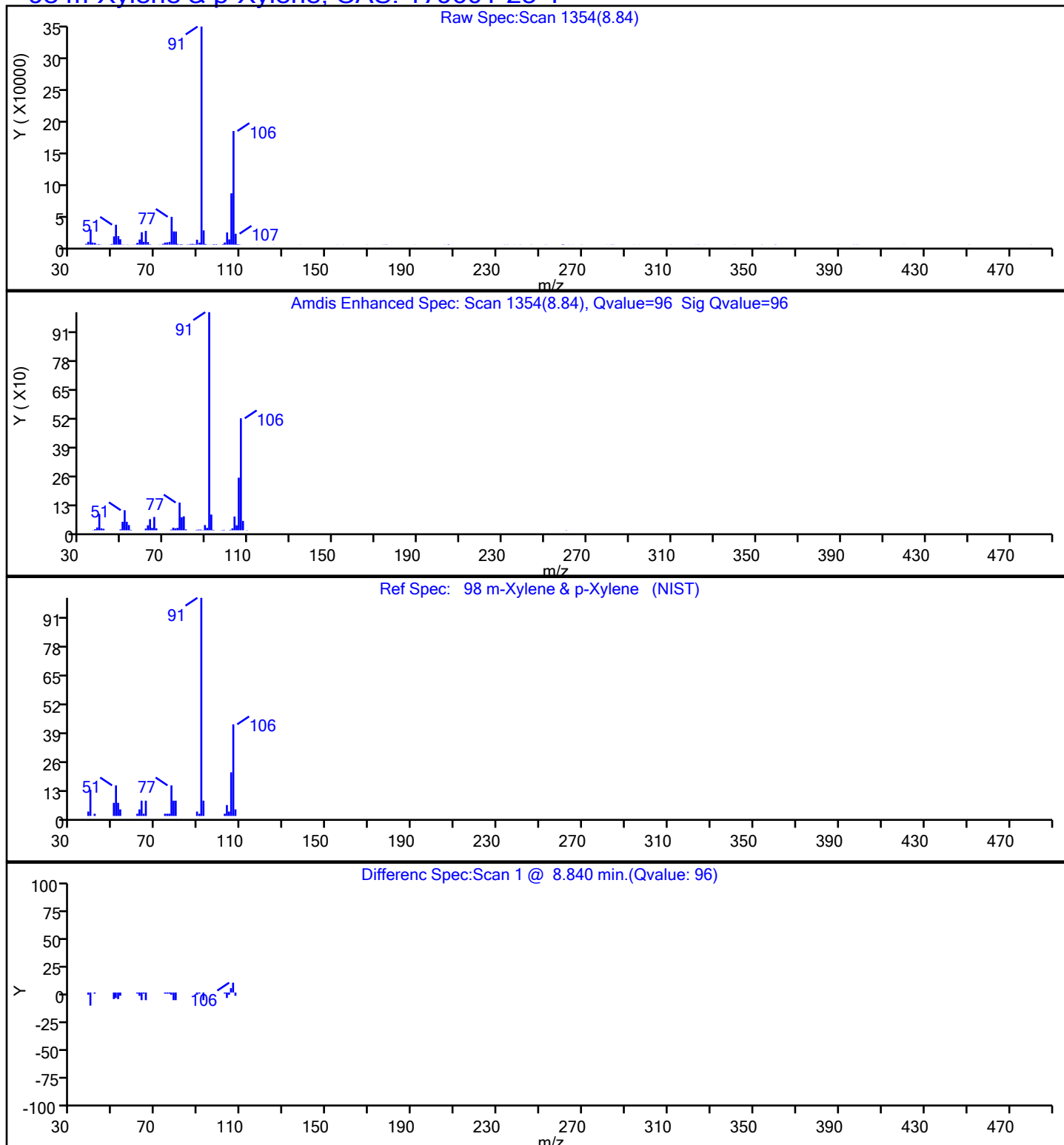
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

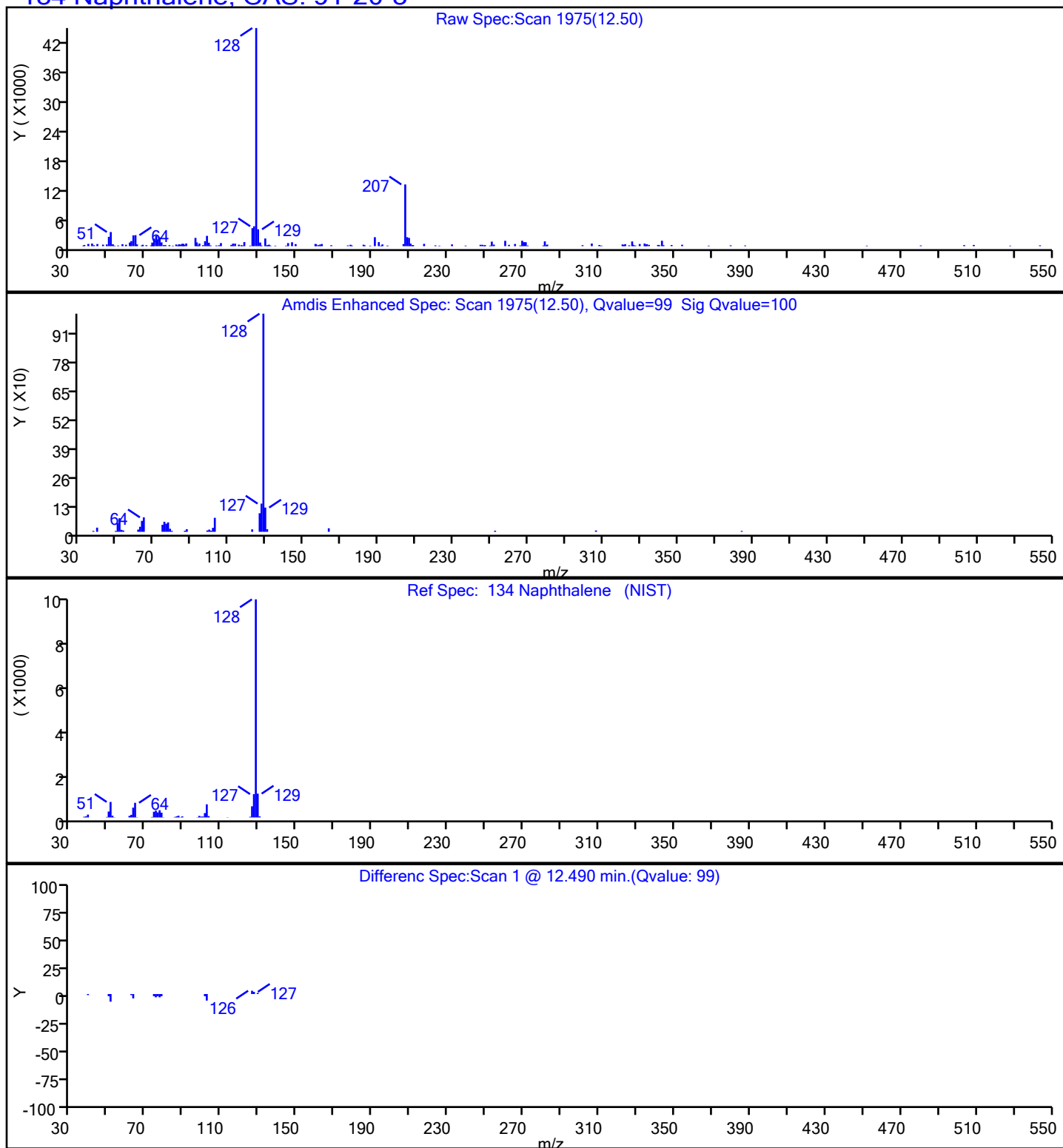
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

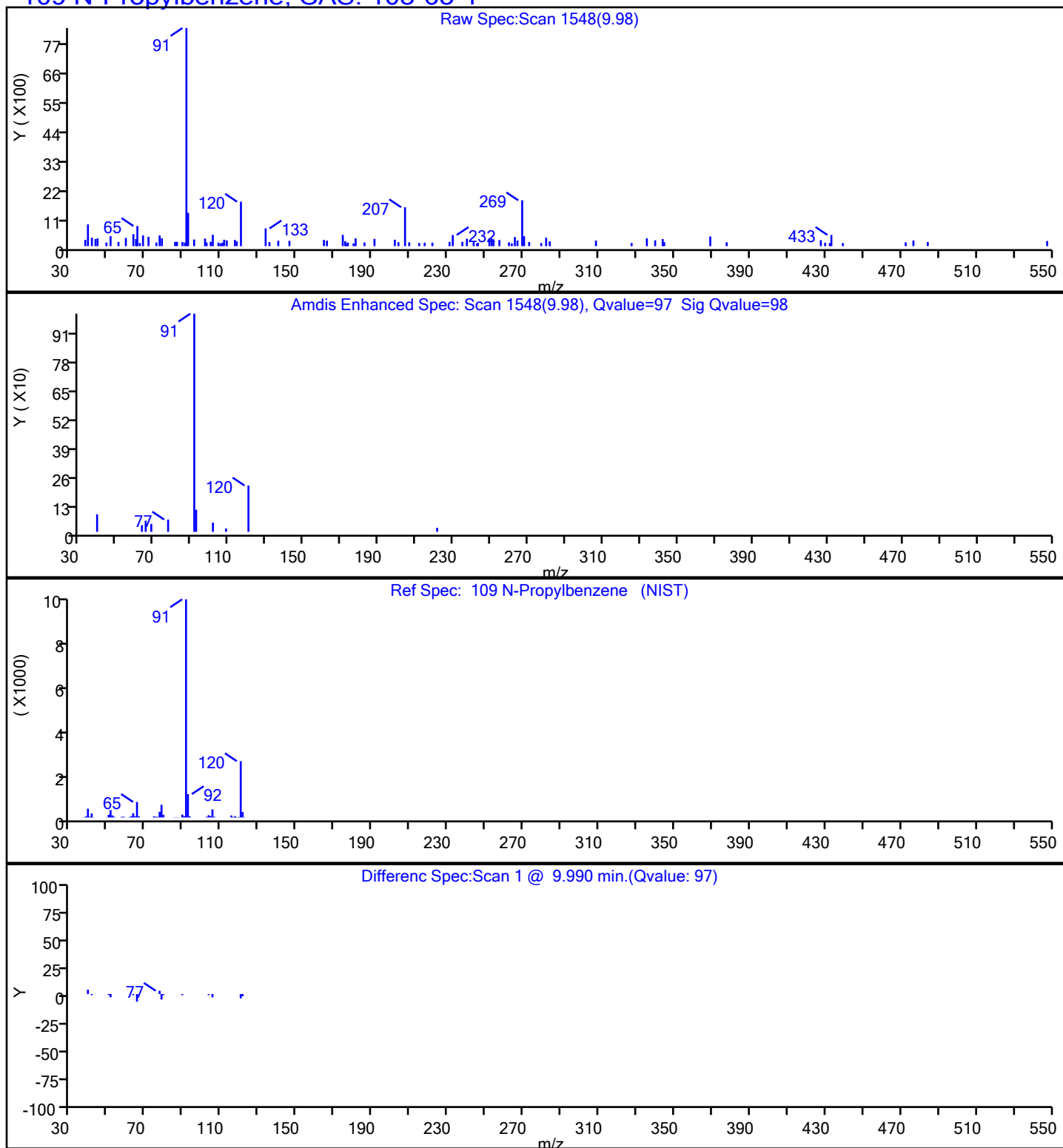
VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 109 N-Propylbenzene, CAS: 103-65-1



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

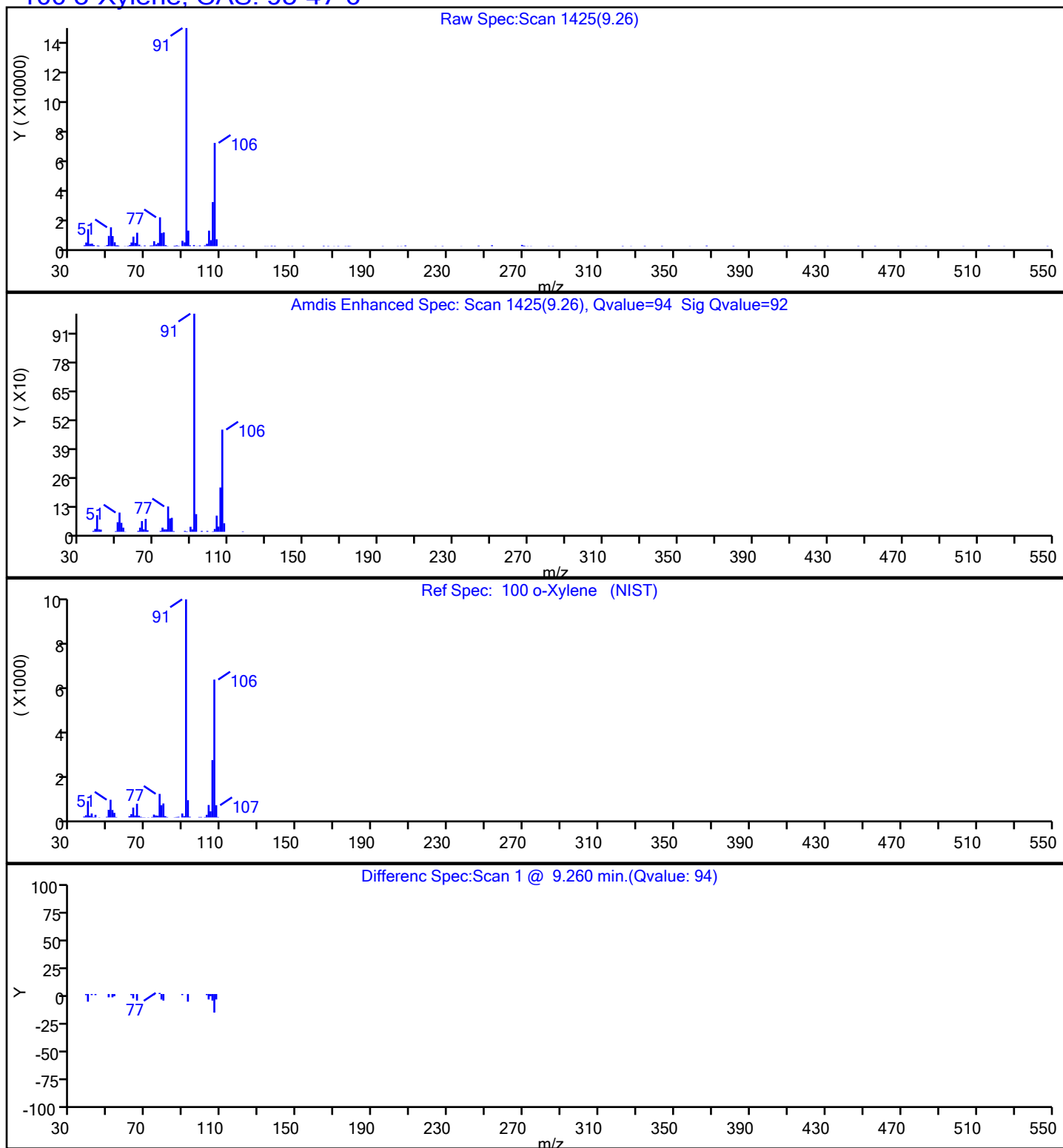
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

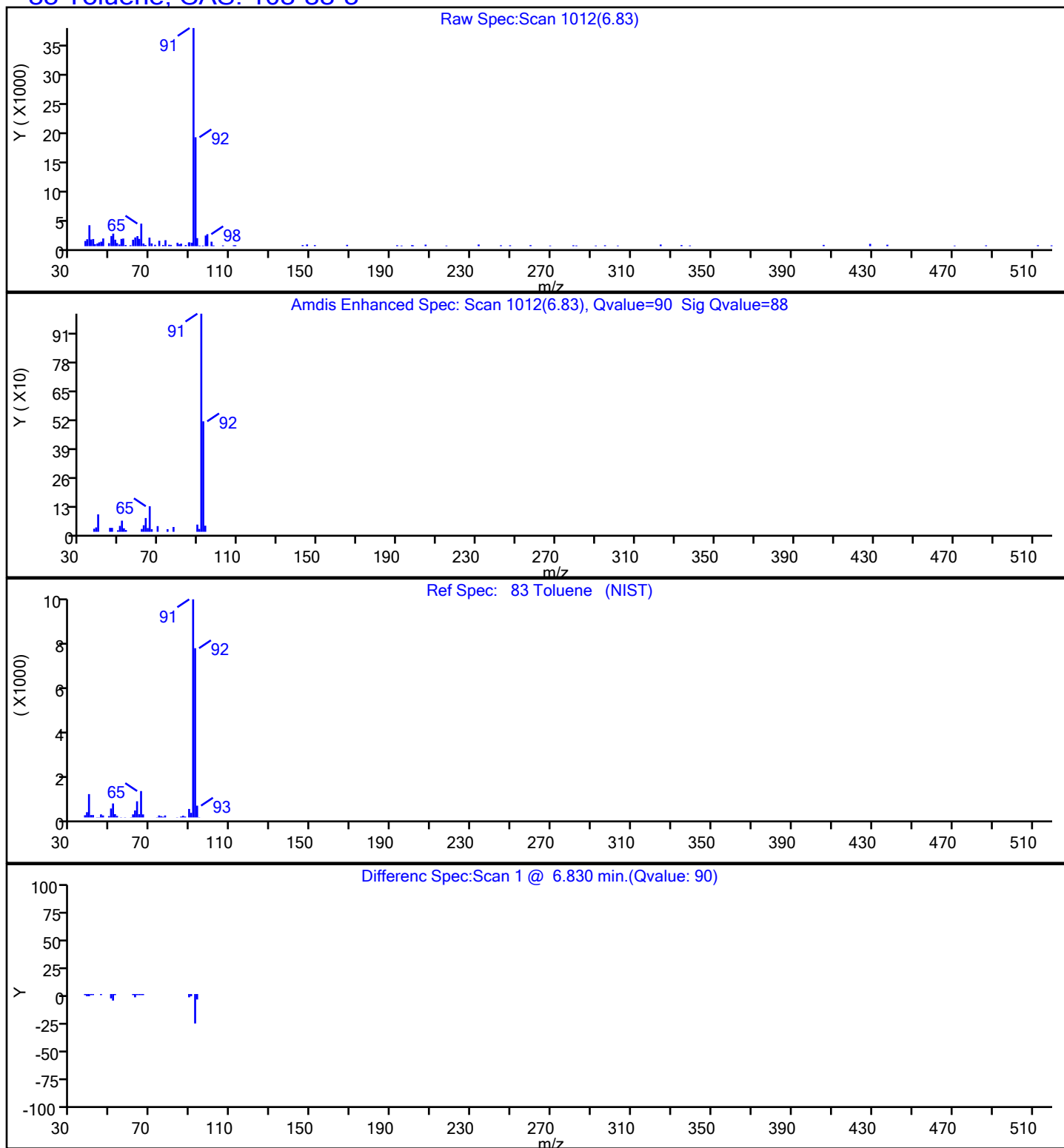
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**83 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

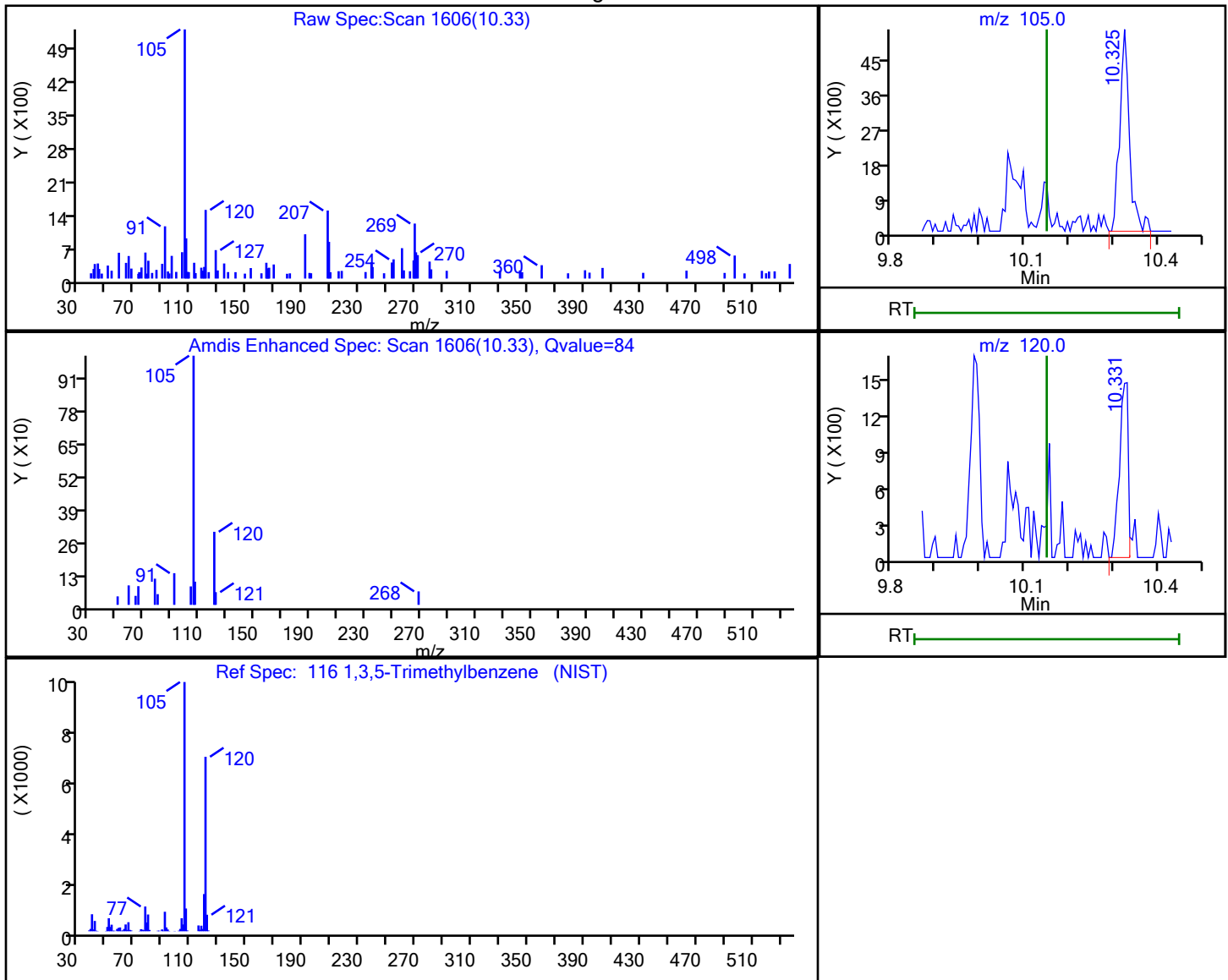
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 116 1,3,5-Trimethylbenzene, CAS: 108-67-8

## Processing Results



RT	Mass	Response	Amount
10.33	105.00	8107	0.379484
10.33	120.00	2003	

Reviewer: parekhv, 04-May-2021 19:40:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

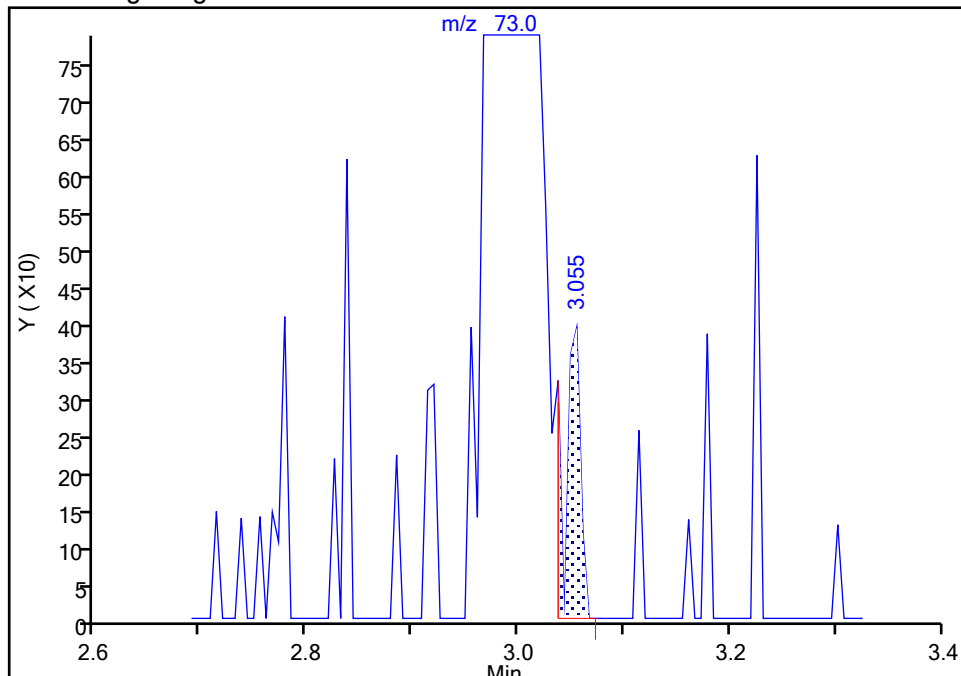
MS Quad

**32 Methyl tert-butyl ether, CAS: 1634-04-4**

Signal: 1

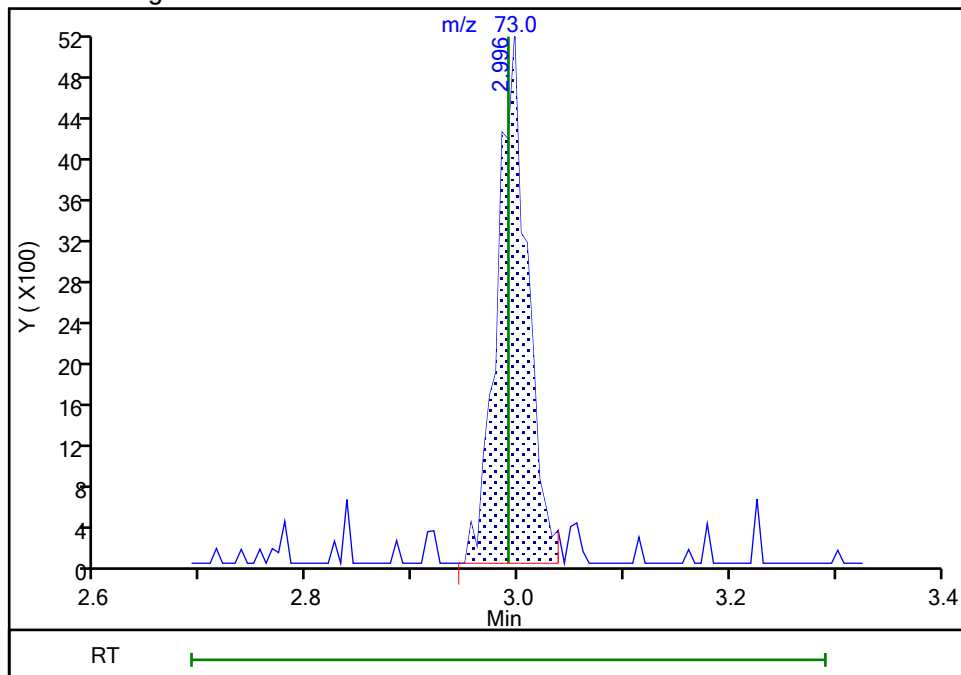
RT: 3.06  
Area: 417  
Amount: 0.024900  
Amount Units: ug/l

## Processing Integration Results



RT: 3.00  
Area: 10161  
Amount: 0.606733  
Amount Units: ug/l

## Manual Integration Results



Reviewer: parekhv, 04-May-2021 19:40:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01275.D

Injection Date: 04-May-2021 19:12:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-3

Lab Sample ID: 460-233338-3

Client ID: MW-X\_20210430

Operator ID:

ALS Bottle#:

28

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

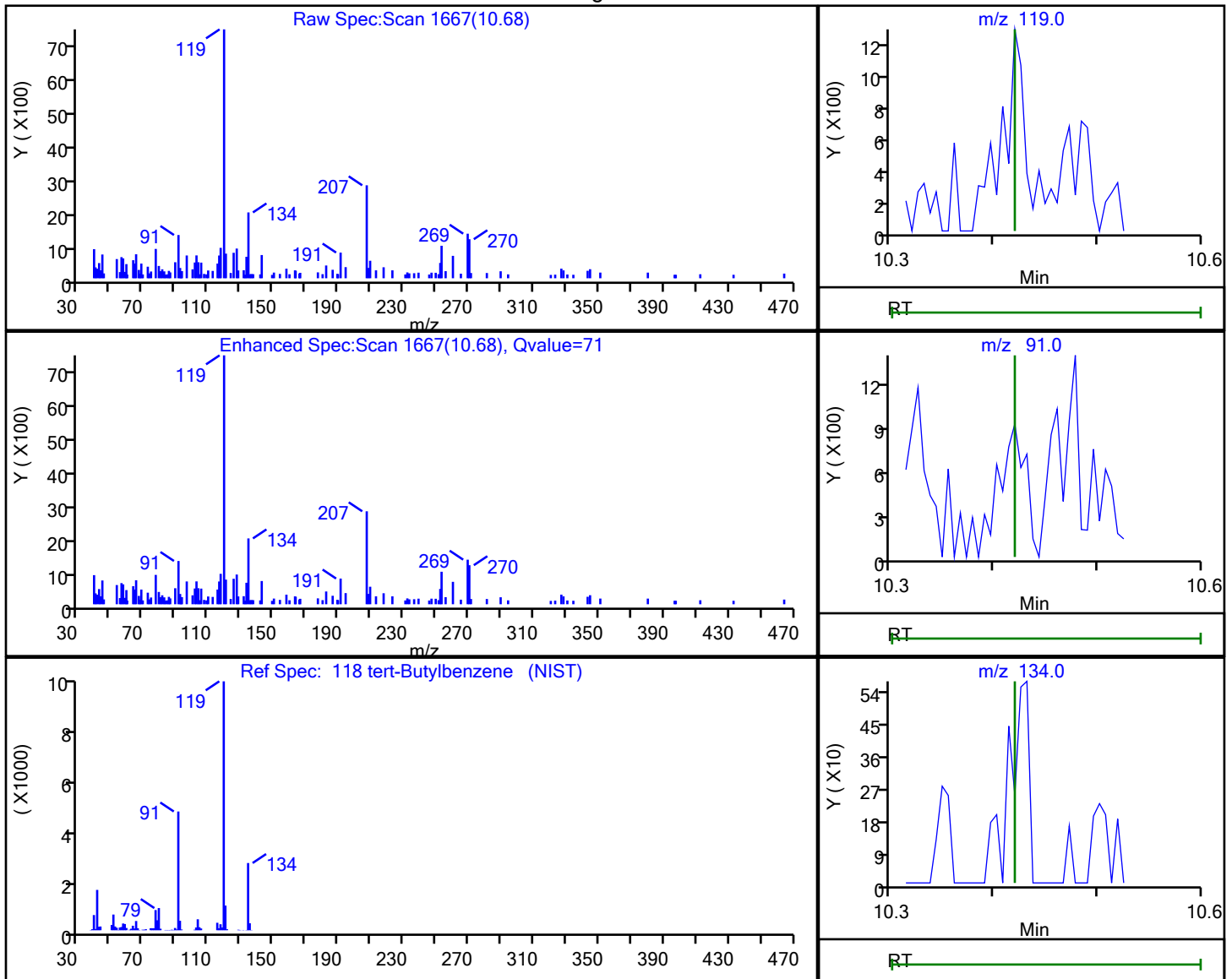
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

## 118 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



RT	Mass	Response	Amount
10.68	119.00	9518	0.518122
10.69	91.00	2691	
10.68	134.00	3191	

Reviewer: parekhv, 04-May-2021 19:40:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-03\_20210430 Lab Sample ID: 460-233338-4  
 Matrix: Water Lab File ID: V01276.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 13:10  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 19:35  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.40	J	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	26		1.0	0.37
71-43-2	Benzene	0.57	J	1.0	0.20
100-41-4	Ethylbenzene	0.50	J	1.0	0.30
98-82-8	Isopropylbenzene	0.47	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.69	J	1.0	0.30
91-20-3	Naphthalene	2.9		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.53	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.39	J	1.0	0.38
1330-20-7	Xylenes, Total	1.2	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01276.D  
 Lims ID: 460-233338-B-4  
 Client ID: MW-03\_20210430  
 Sample Type: Client  
 Inject. Date: 04-May-2021 19:35:30 ALS Bottle#: 29 Worklist Smp#: 30  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-233338-B-4  
 Misc. Info.: 460-0128028-030  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 14:51:03 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 04-May-2021 20:06:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.826	2.826	0.000	100	53163	1000.0	
32 Methyl tert-butyl ether	73	2.985	2.990	-0.005	56	3471	0.2052	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	100	328110	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	97	182976	49.7	
59 Benzene	78	4.649	4.649	0.000	90	15273	0.5742	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	96	189303	49.6	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	618104	50.0	
* 68 1,4-Dioxane-d8	96	5.696	5.690	0.006	89	36343	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	99	824978	45.3	
83 Toluene	91	6.831	6.825	0.006	88	10977	0.3943	
* 94 Chlorobenzene-d5	117	8.602	8.596	0.006	85	465234	50.0	
97 Ethylbenzene	106	8.719	8.714	0.005	98	4612	0.4968	
98 m-Xylene & p-Xylene	106	8.855	8.849	0.006	93	7733	0.6930	
100 o-Xylene	106	9.261	9.261	0.000	92	5775	0.5294	
104 Isopropylbenzene	105	9.602	9.602	0.000	94	12472	0.4694	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	205441	47.1	
119 1,2,4-Trimethylbenzene	105	10.472	10.472	0.000	89	8904	0.3977	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	627485	25.8	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	94	225078	50.0	
134 Naphthalene	128	12.490	12.490	0.000	99	62121	2.92	
S 137 Xylenes, Total	100				0		1.22	

## QC Flag Legend

Processing Flags

## Reagents:

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00217

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

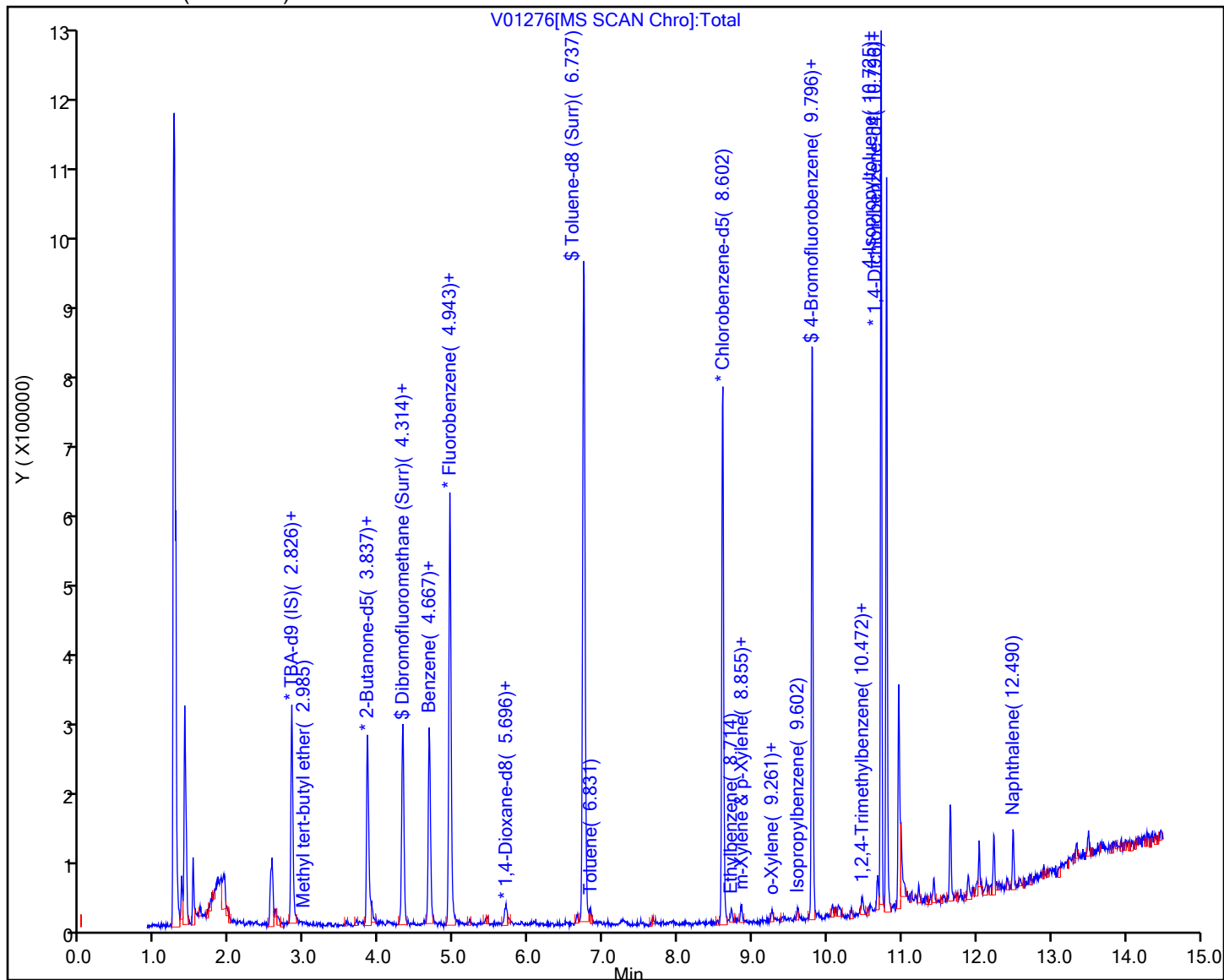
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

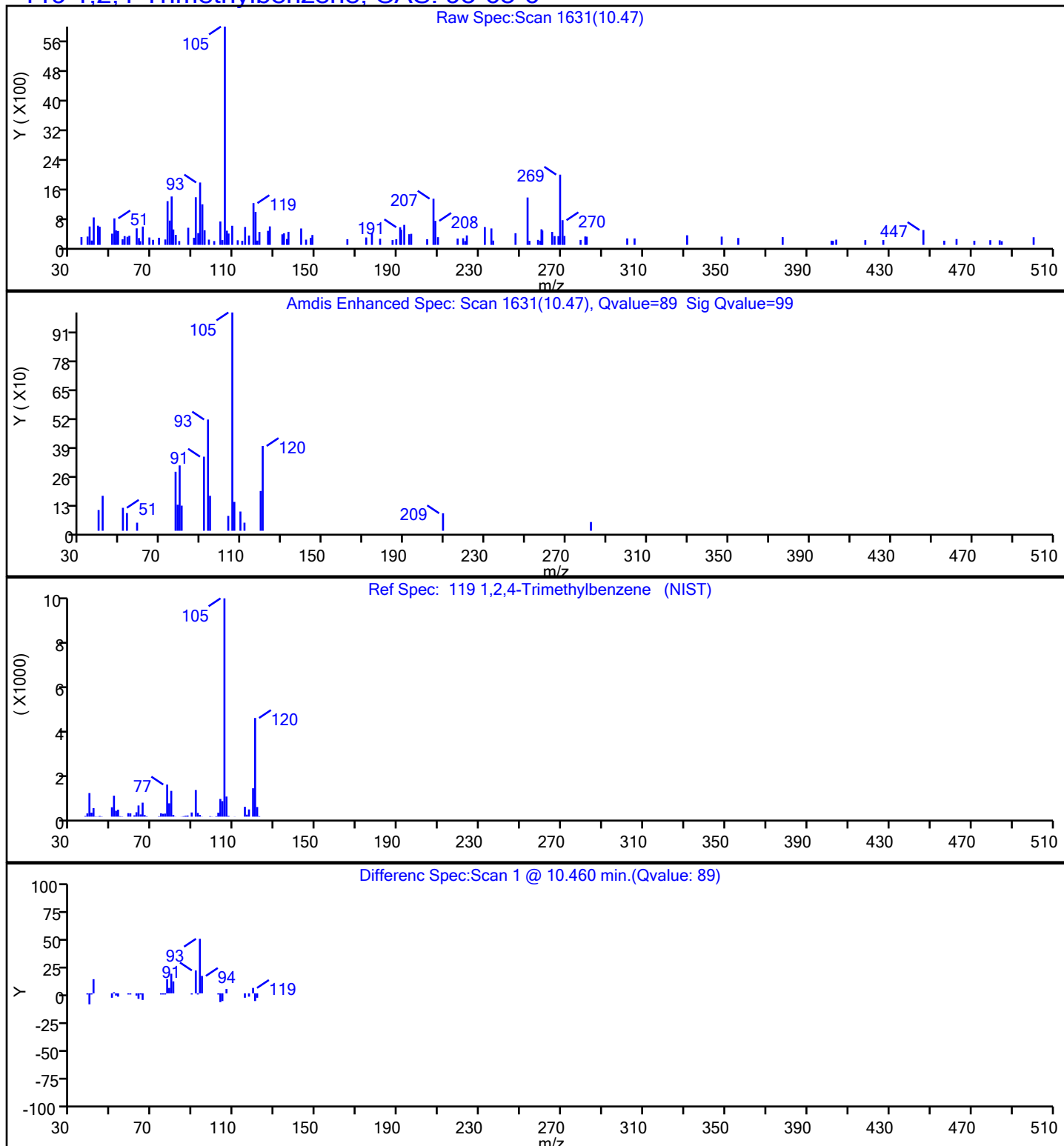
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**119 1,2,4-Trimethylbenzene, CAS: 95-63-6**

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

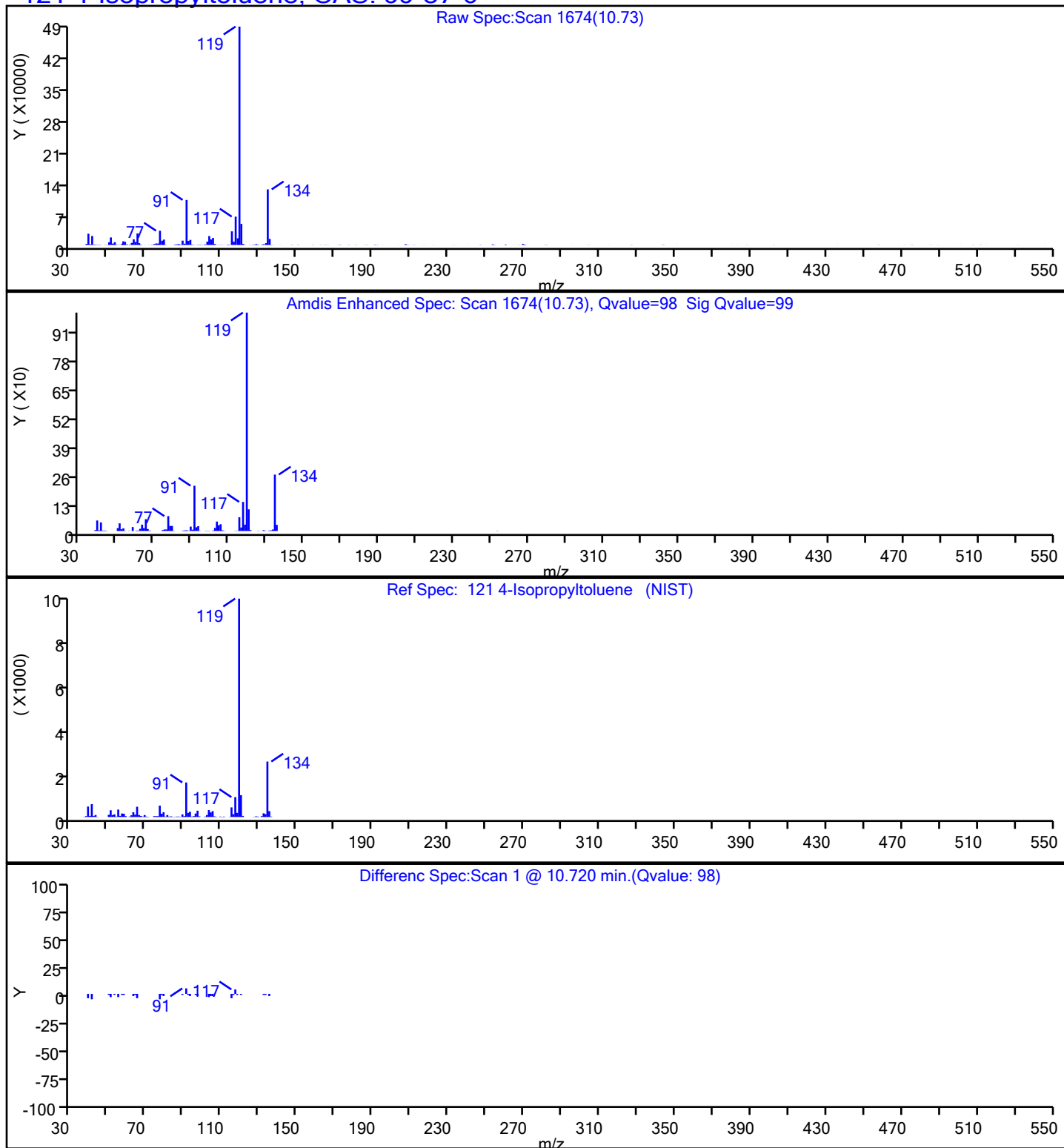
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**121 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

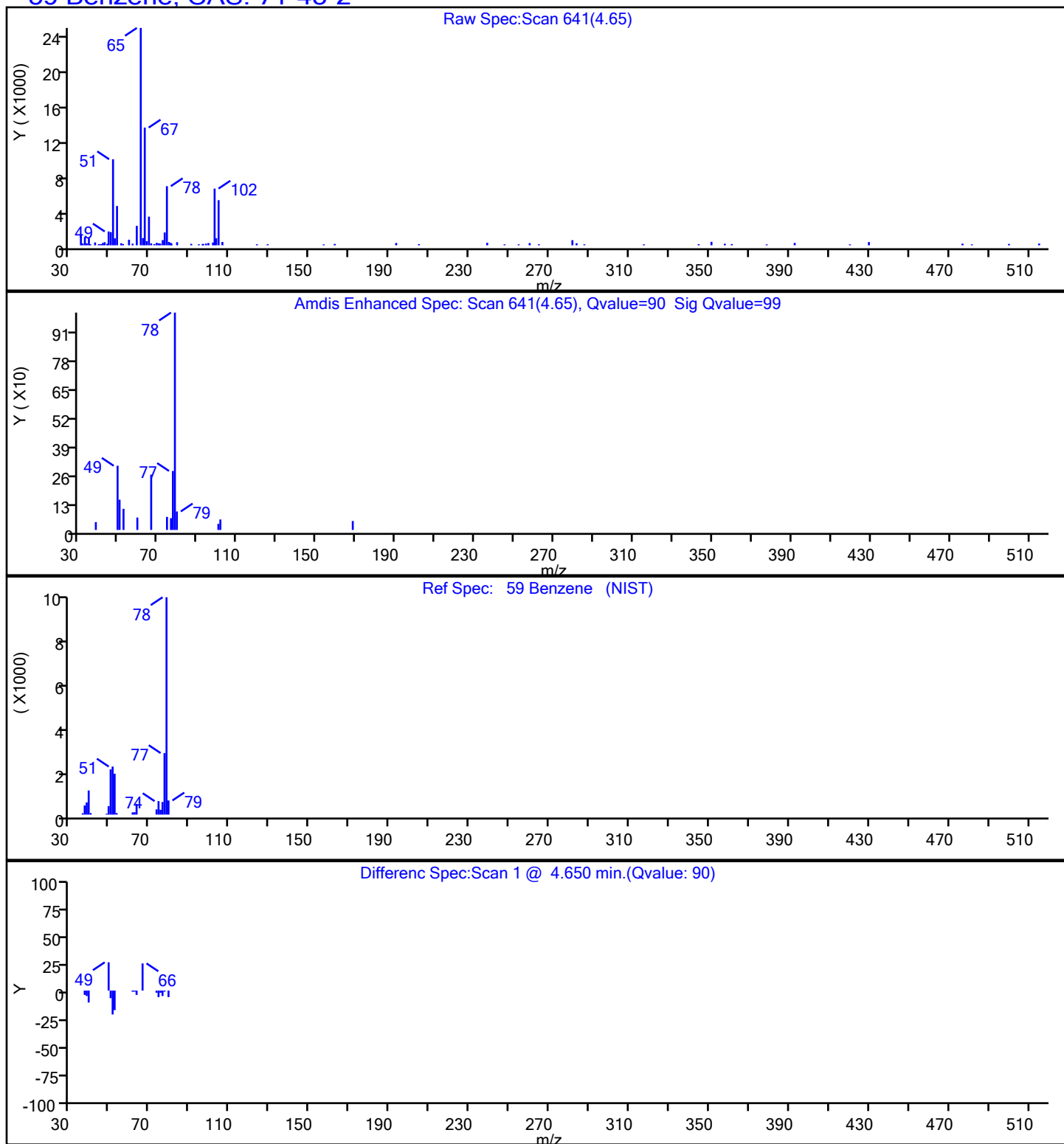
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**59 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

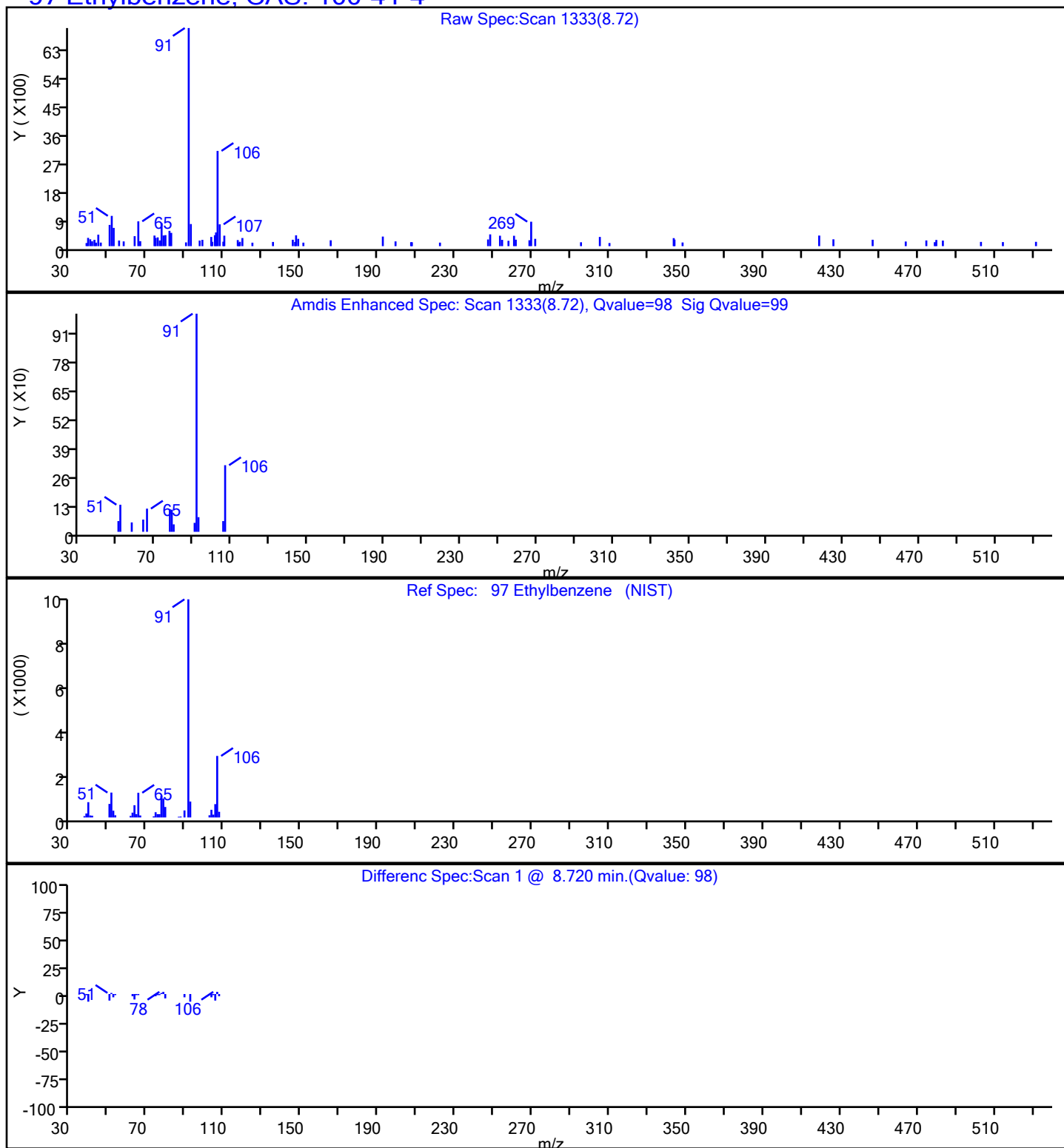
VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 97 Ethylbenzene, CAS: 100-41-4



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

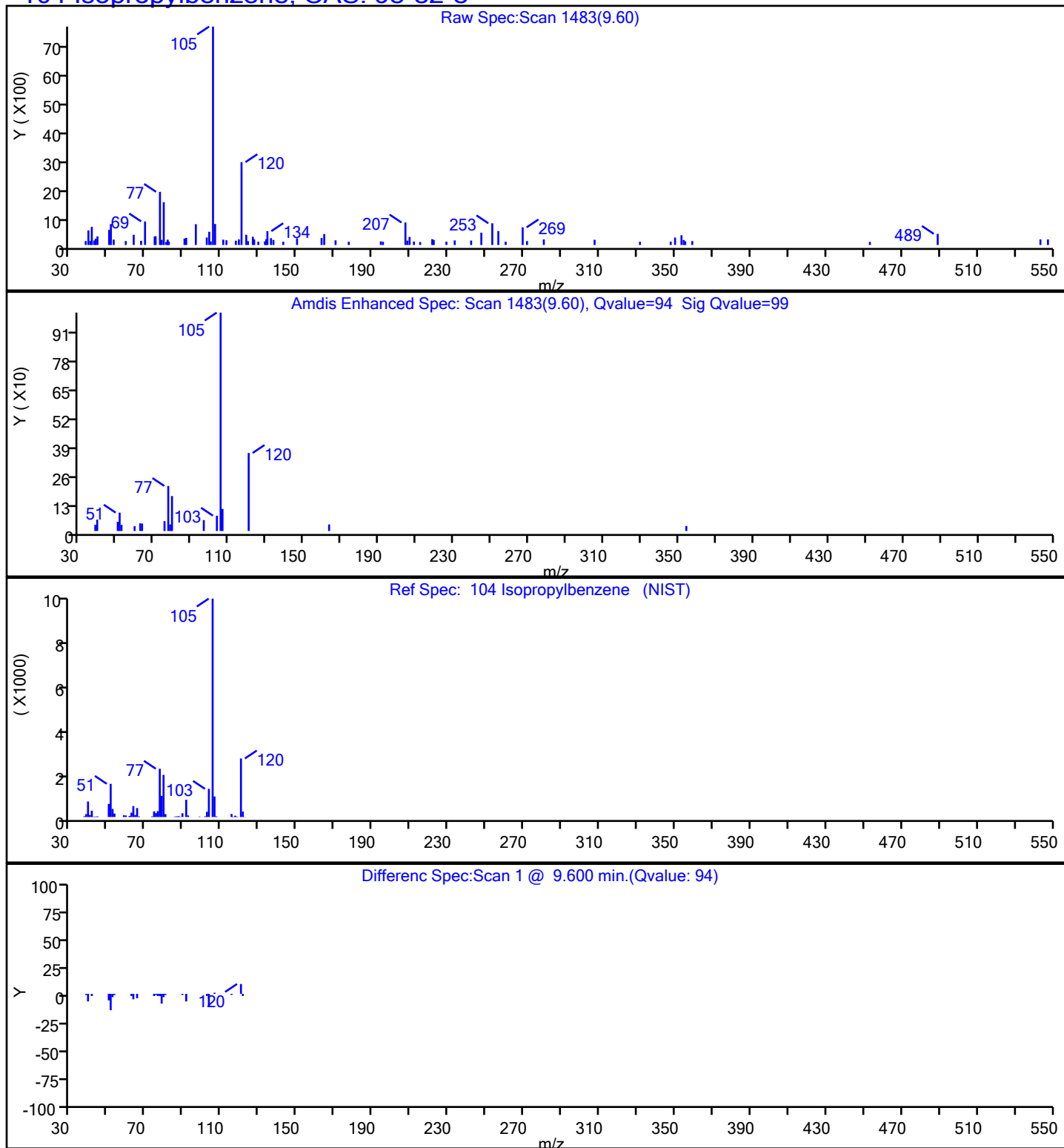
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

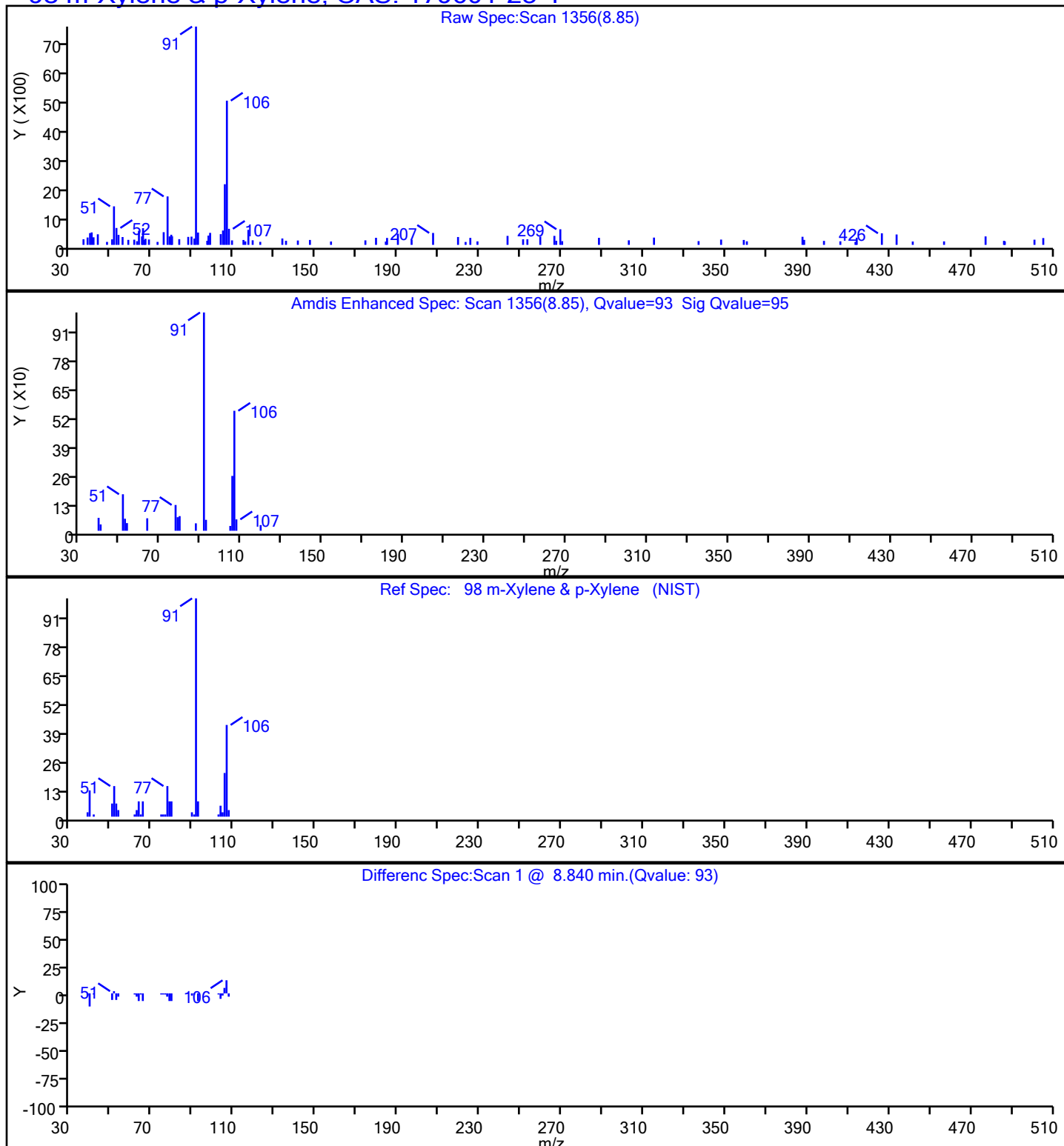
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

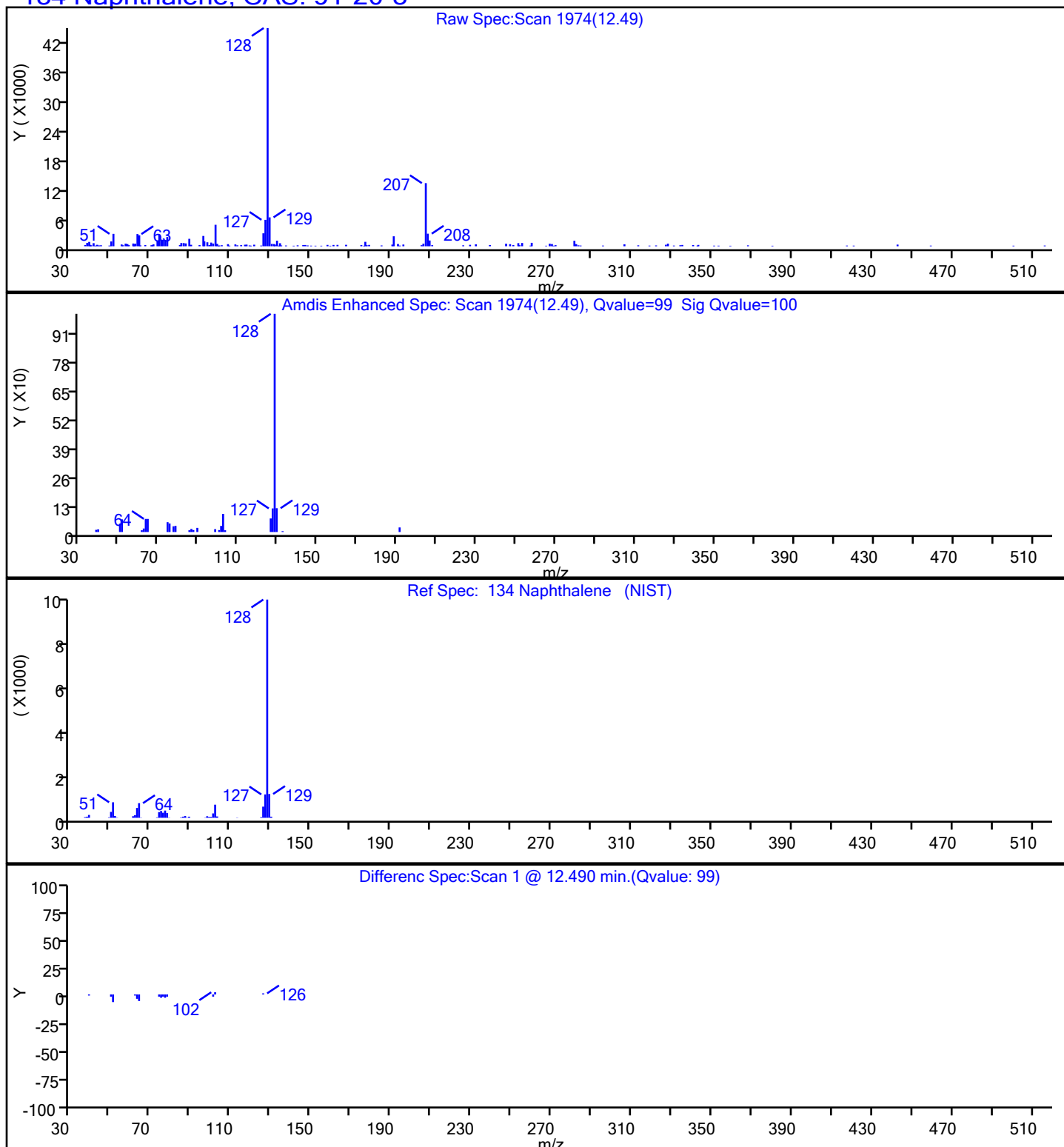
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

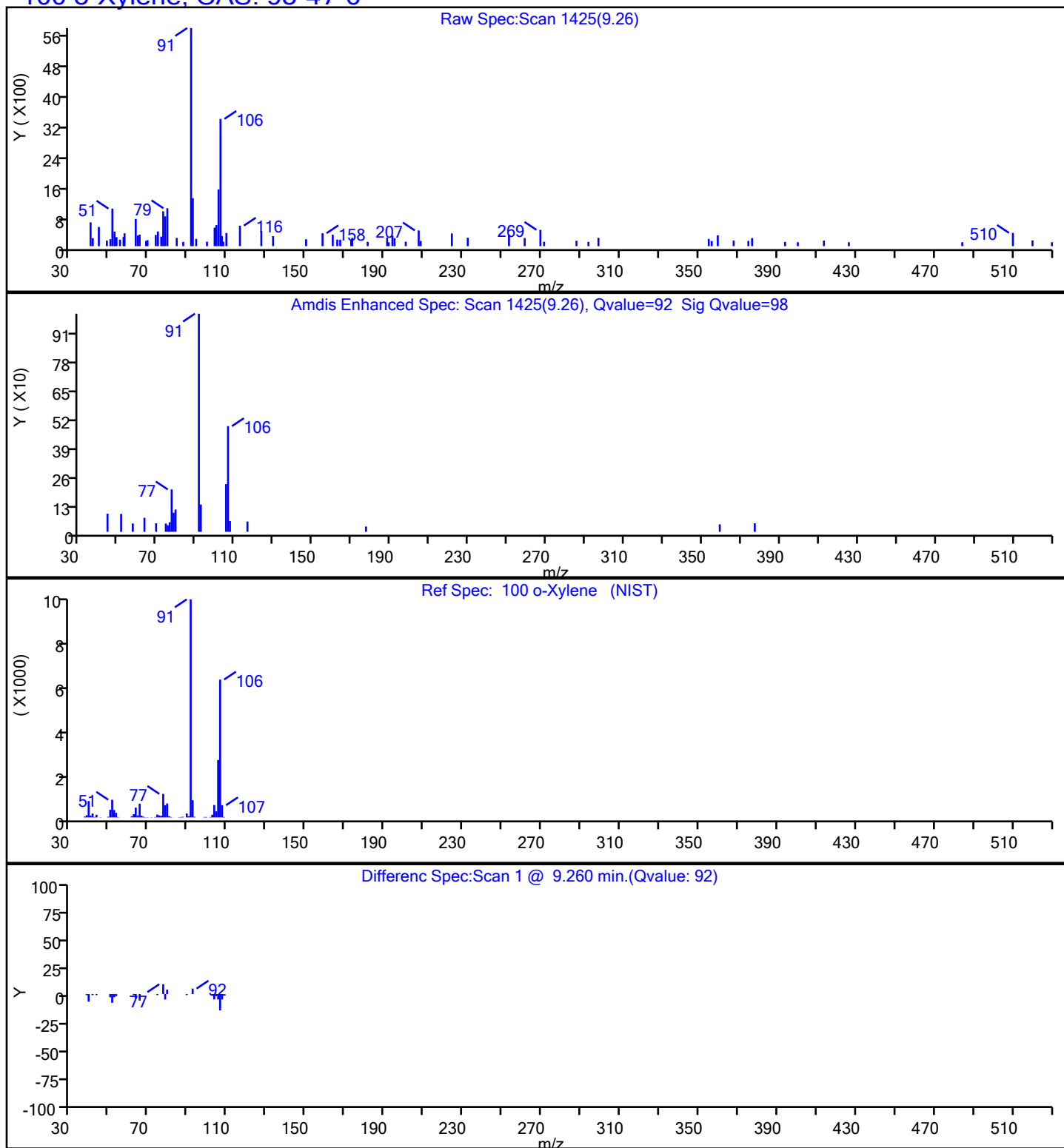
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01276.D

Injection Date: 04-May-2021 19:35:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-B-4

Lab Sample ID: 460-233338-4

Client ID: MW-03\_20210430

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

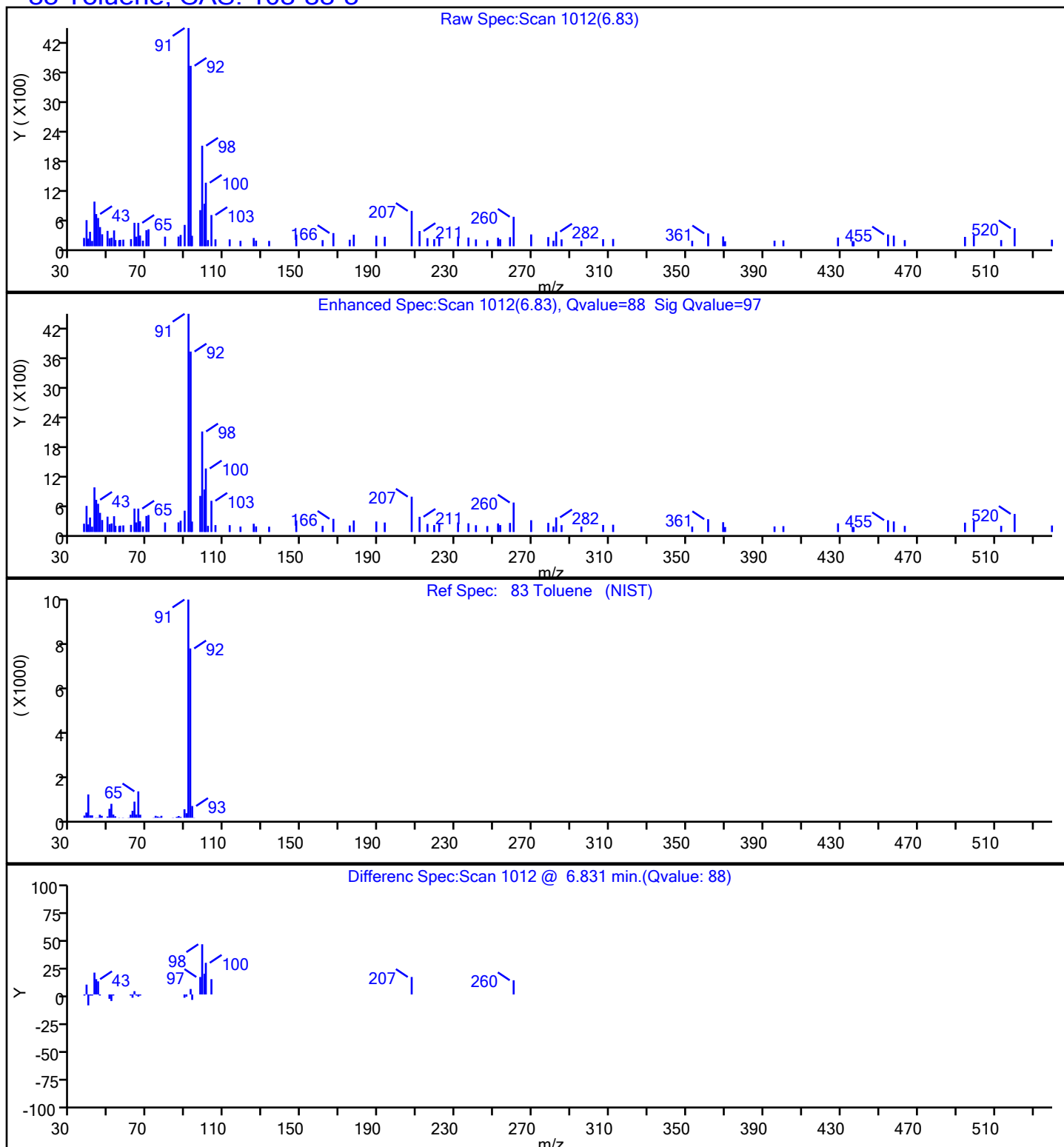
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**83 Toluene, CAS: 108-88-3**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: TB\_20210430 Lab Sample ID: 460-233338-5  
 Matrix: Water Lab File ID: V01271.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 17:41  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-123
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01271.D  
 Lims ID: 460-233338-A-5  
 Client ID: TB\_20210430  
 Sample Type: Client  
 Inject. Date: 04-May-2021 17:41:30 ALS Bottle#: 24 Worklist Smp#: 25  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-233338-A-5  
 Misc. Info.: 460-0128028-025  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 14:51:03 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 04-May-2021 18:02:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.820	2.826	-0.006	100	43009	1000.0	
* 42 2-Butanone-d5	46	3.832	3.837	-0.005	100	307088	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	97	190690	49.3	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	96	190131	47.5	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	648660	50.0	
* 68 1,4-Dioxane-d8	96	5.684	5.690	-0.006	90	26296	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	99	848952	45.4	
* 94 Chlorobenzene-d5	117	8.596	8.596	0.000	85	477974	50.0	
\$ 105 4-Bromofluorobenzene	174	9.796	9.802	-0.006	0	207462	46.3	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	94	223974	50.0	

## QC Flag Legend

Processing Flags

## Reagents:

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00217

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01271.D

Injection Date: 04-May-2021 17:41:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-5

Lab Sample ID: 460-233338-5

Client ID: TB\_20210430

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

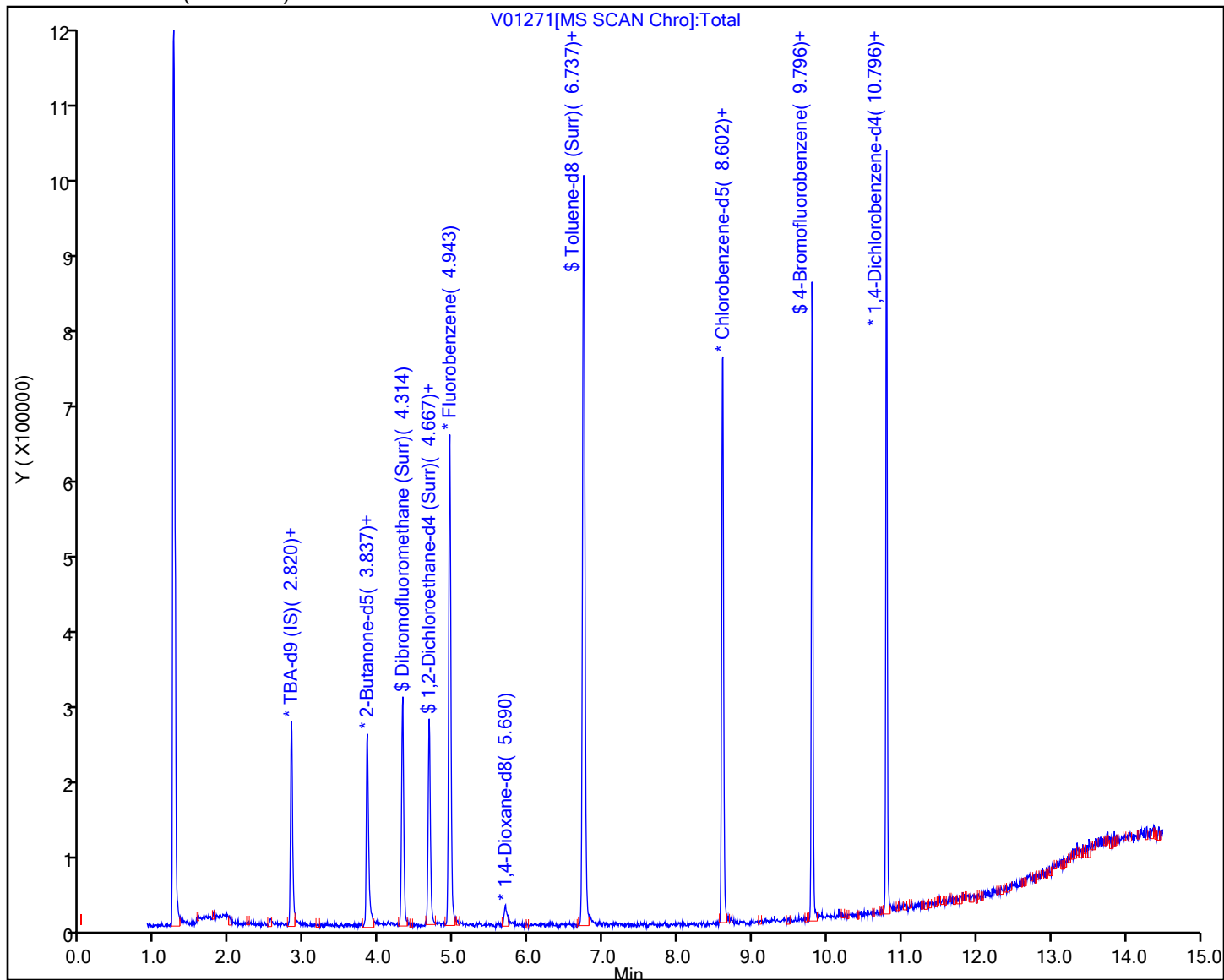
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-233338-1</u>
SDG No.: _____	
Client Sample ID: <u>FB_20210430</u>	Lab Sample ID: <u>460-233338-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>V01272.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>04/30/2021 13:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/04/2021 18:04</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>775633</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01272.D  
 Lims ID: 460-233338-A-6  
 Client ID: FB\_20210430  
 Sample Type: Client  
 Inject. Date: 04-May-2021 18:04:30 ALS Bottle#: 25 Worklist Smp#: 26  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-233338-A-6  
 Misc. Info.: 460-0128028-026  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 14:51:03 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 04-May-2021 18:28:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.826	2.826	0.000	100	49735	1000.0	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	99	294946	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.308	4.314	-0.006	97	187032	51.5	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	95	189180	50.3	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	609885	50.0	
* 68 1,4-Dioxane-d8	96	5.690	5.690	0.000	92	33167	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	98	822280	46.1	
* 94 Chlorobenzene-d5	117	8.596	8.596	0.000	86	456040	50.0	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	206962	48.4	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	95	219592	50.0	

## Reagents:

8260ISNEW\_00119 Amount Added: 1.00 Units: uL Run Reagent  
 8260SURR250\_00217 Amount Added: 1.00 Units: uL Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01272.D

Injection Date: 04-May-2021 18:04:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-6

Lab Sample ID: 460-233338-6

Client ID: FB\_20210430

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

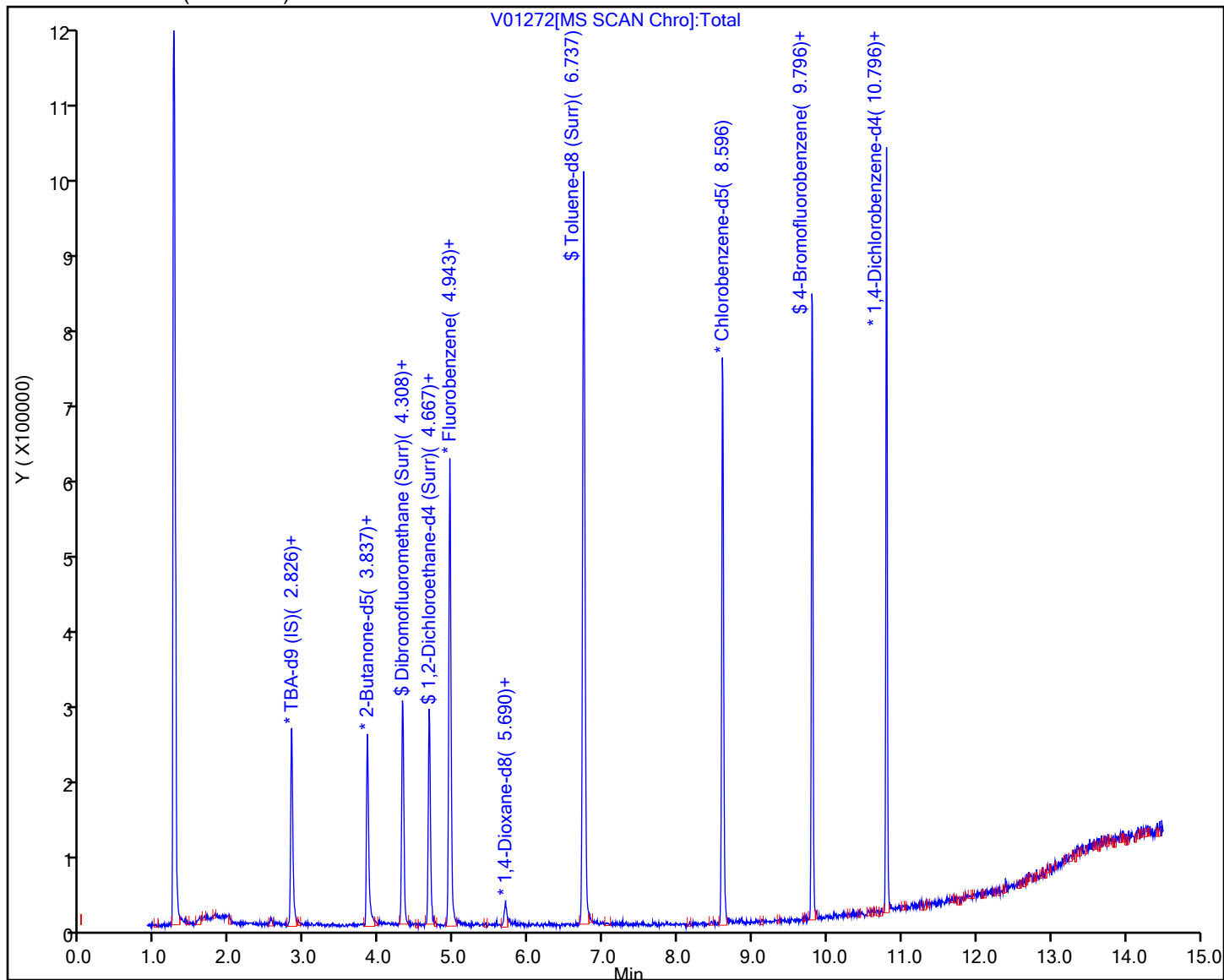
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-771694/3	V00410.D
Level 2	STD1 460-771694/4	V00411.D
Level 3	STD5 460-771694/6	V00413.D
Level 4	STD20 460-771694/7	V00414.D
Level 5	STD50 460-771694/8	V00415.D
Level 6	STD200 460-771694/9	V00416.D
Level 7	STD500 460-771694/10	V00417.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	+++++ 0.1668	0.1490 0.1654	0.1545	0.1478	0.1400	Ave		0.153 9				6.9		20.0			
Dichlorodifluoromethane	+++++ 0.5455	0.5178 0.5612	0.5505	0.5731	0.5534	Ave		0.550 3			0.1000	3.4		20.0			
Chlorodifluoromethane	+++++ 0.5148	0.5064 0.6372	0.5625	0.5166	0.5644	Ave		0.550 3				9.0		20.0			
Chloromethane	+++++ 0.5864	0.6646 0.6186	0.6270	0.6283	0.5908	Ave		0.619 3			0.1000	4.6		20.0			
Vinyl chloride	+++++ 0.6094	0.6268 0.6288	0.6402	0.6108	0.6176	Ave		0.622 3			0.1000	1.9		20.0			
Butadiene	0.6373 0.5898	0.6554 0.6023	0.6071	0.6255	0.6010	Ave		0.616 9				3.8		20.0			
Bromomethane	+++++ 3.0746	3.1621 3.0521	2.4700	2.9267	3.0083	Ave		2.949 0			0.1000	8.4		20.0			
Chloroethane	+++++ 2.9597	3.9950 2.6904	4.0878	3.2079	3.1845	Ave		3.354 2			0.1000	16.8		20.0			
Dichlorofluoromethane	+++++ 0.8002	0.6773 0.8380	0.7390	0.7953	0.6683	Ave		0.753 0				9.3		20.0			
Trichlorofluoromethane	+++++ 0.6502	0.5854 0.6652	0.6703	0.6612	0.6482	Ave		0.646 8			0.1000	4.8		20.0			
Pentane	+++++ 0.0833	0.0905 0.0964	0.0860	0.0854	0.0783	Ave		0.086 7				7.2		20.0			
Ethanol	+++++ 0.6806	0.4441 0.7592	0.9144	0.7389	0.6607	QuaF		0.633 6	0.0000063						1.0000		0.9900
Ethyl ether	+++++ 0.3040	0.3170 0.3159	0.2907	0.2869	0.2775	Ave		0.298 7				5.4		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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-Methyl-1,3-butadiene	++++ 0.4847	0.4449 0.5098	0.4502	0.4316	0.4400	Ave		0.460 2				6.6		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.4238	0.4367 0.4388	0.4186	0.3941	0.4012	Ave		0.418 9				4.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.6677	0.6126 0.6916	0.6345	0.6379	0.6464	Ave		0.648 4				4.3		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.4286	0.3856 0.4551	0.4318	0.4154	0.3889	Ave		0.417 6		0.1000		6.4		20.0			
Acrolein	++++ 14.901	13.889 16.121	13.317	15.022	14.428	Ave		14.61 3				6.7		20.0			
1,1-Dichloroethene	++++ 0.4378	0.4211 0.4424	0.3943	0.4066	0.4002	Ave		0.417 1		0.1000		4.8		20.0			
Acetone	++++ 1.2591	1.7835 1.1389	1.4745	1.2944	1.2292	Ave		1.363 3		0.0500		17.1		20.0			
Isopropyl alcohol	++++ 7.8373	9.2323 8.2262	9.5586	8.5236	8.1357	Ave		8.585 6				7.8		20.0			
Iodomethane	++++ 0.4452	0.2505 0.4258	0.2543	0.3064	0.3576	QuaF		0.441 1	-0.000029						0.9990		0.9900
Carbon disulfide	++++ 1.3638	1.5999 1.3325	1.3701	1.3060	1.2727	Ave		1.374 2		0.1000		8.5		20.0			
3-Chloro-1-propene	++++ 0.3122	0.3269 0.3162	0.2749	0.2923	0.2865	Ave		0.301 5				6.6		20.0			
Methyl acetate	++++ 0.4664	0.3571 0.4678	0.4596	0.4446	0.4274	Ave		0.437 2		0.1000		9.6		20.0			
Cyclopentene	++++ 1.2740	1.2084 1.2699	1.2169	1.2361	1.2159	Ave		1.236 9				2.3		20.0			
Acetonitrile	++++ 0.3783	0.5901 0.3560	0.4935	0.3878	0.3878	Qua2	1.938 0	0.404 9	-0.000011						0.9950		0.9900
Methylene Chloride	++++ 0.4681	0.4984 0.4889	0.4716	0.4509	0.4465	Ave		0.470 8		0.1000		4.3		20.0			
2-Methyl-2-propanol	++++ 13.228	16.553 13.210	16.535	14.290	13.225	Ave		14.50 7				11.2		20.0			
Methyl tert-butyl ether	++++ 1.4121	1.3214 1.4094	1.3703	1.3623	1.3334	Ave		1.368 1		0.1000		2.7		20.0			
trans-1,2-Dichloroethene	++++ 0.4937	0.4412 0.5229	0.4574	0.4588	0.4554	Ave		0.471 6		0.1000		6.5		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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								
Acrylonitrile	0.2220 0.2311	0.2085 0.1953	0.2242	0.2224	0.2178	Ave		0.217 3				5.5		20.0			
Hexane	++++ 0.7395	0.7070 0.7371	0.6529	0.7211	0.6917	Ave		0.708 2				4.6		20.0			
Isopropyl ether	++++ 1.6259	1.5477 1.5872	1.5284	1.6014	1.5283	Ave		1.569 8				2.6		20.0			
Vinyl acetate	++++ 1.0042	1.2039 0.9458	0.9048	0.9831	1.0152	Ave		1.009 5				10.3		20.0			
1,1-Dichloroethane	++++ 0.9182	0.8310 0.9169	0.8394	0.8784	0.8446	Ave		0.871 4			0.2000	4.5		20.0			
2-Chloro-1,3-butadiene	++++ 0.4546	0.4690 0.4818	0.4382	0.4586	0.4299	Ave		0.455 4				4.2		20.0			
tert-butyl ethyl ether	++++ 1.4595	1.3370 1.4628	1.4121	1.4228	1.4016	Ave		1.416 0				3.3		20.0			
2,2-Dichloropropane	++++ 0.1651	0.1576 0.1709	0.1655	0.1562	0.1533	Ave		0.161 4				4.2		20.0			
cis-1,2-Dichloroethene	++++ 0.5438	0.5263 0.5742	0.5147	0.4998	0.4852	Ave		0.524 0			0.1000	6.1		20.0			
Ethyl acetate	++++ 0.5911	0.6160 0.5721	0.5863	0.5899	0.5618	Ave		0.586 2				3.2		20.0			
2-Butanone (MEK)	++++ 0.6440	0.4651 0.6074	0.7012	0.5923	0.6094	Ave		0.603 2			0.0500	12.9		20.0			
Methyl acrylate	++++ 0.5048	0.4088 0.5200	0.5263	0.4703	0.4785	Ave		0.484 8				8.9		20.0			
Propionitrile	++++ 21.464	22.524 20.856	29.477	25.275	23.356	Ave		23.82 5				13.3		20.0			
Tetrahydrofuran	++++ 0.6902	0.7363 0.6548	0.7850	0.7316	0.7068	Ave		0.717 4				6.2		20.0			
Chlorobromomethane	++++ 0.2340	0.2479 0.2516	0.2222	0.2203	0.2174	Ave		0.232 2				6.4		20.0			
Methacrylonitrile	++++ 0.2640	0.2316 0.2280	0.2377	0.2445	0.2425	Ave		0.241 4				5.3		20.0			
Chloroform	++++ 0.7998	0.7810 0.8530	0.7636	0.7537	0.7249	Ave		0.779 3			0.2000	5.7		20.0			
Cyclohexane	++++ 0.8363	0.7822 0.8595	0.7966	0.7795	0.7523	Ave		0.801 1			0.1000	5.0		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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								
1,1,1-Trichloroethane	++++ 0.7112	0.6659 0.7452	0.6453	0.6516	0.6474	Ave		0.677 8			0.1000	6.1		20.0			
Carbon tetrachloride	++++ 0.5876	0.5233 0.6269	0.5211	0.5431	0.5212	Ave		0.553 9			0.1000	7.9		20.0			
1,1-Dichloropropene	++++ 0.7200	0.6395 0.7614	0.6546	0.6615	0.6533	Ave		0.681 7				7.0		20.0			
Isobutyl alcohol	++++ 5.4817	4.2213 ++++	6.7269	5.1394	5.0471	Ave		5.323 3				17.1		20.0			
Isooctane	++++ 1.4803	1.4476 1.4157	1.4459	1.5266	1.4503	Ave		1.461 1				2.6		20.0			
Benzene	++++ 3.0088	2.7961 2.7756	2.8012	2.9542	2.8145	Ave		2.858 4			0.5000	3.4		20.0			
Isopropyl acetate	++++ 0.2527	0.4397 0.2673	0.2451	0.2224	0.2300	QuaF		0.240 4	0.0000539						1.0000		0.9900
Tert-amyl methyl ether	++++ 1.4760	1.3176 1.5354	1.2965	1.4092	1.3700	Ave		1.400 8				6.6		20.0			
1,2-Dichloroethane	++++ 0.5430	0.5504 0.5652	0.5167	0.5269	0.5008	Ave		0.533 8			0.1000	4.4		20.0			
n-Heptane	++++ 0.1384	0.1352 0.1296	0.1288	0.1429	0.1249	Ave		0.133 3				5.1		20.0			
n-Butanol	++++ 3.2514	2.6848 3.4255	2.4588	2.6629	2.7192	Ave		2.867 1				13.3		20.0			
Trichloroethene	++++ 0.5058	0.4623 0.5360	0.4493	0.4524	0.4601	Ave		0.477 6			0.2000	7.4		20.0			
Ethyl acrylate	++++ 0.0849	0.0501 0.0835	0.0920	0.0732	0.0742	Ave		0.076 3				19.2		20.0			
Methylcyclohexane	++++ 0.8794	0.7390 0.8732	0.7860	0.8352	0.8255	Ave		0.823 1			0.1000	6.5		20.0			
1,2-Dichloropropane	++++ 0.5077	0.4624 0.5247	0.4501	0.4934	0.4772	Ave		0.485 9			0.1000	5.8		20.0			
Methyl methacrylate	++++ 0.1525	0.1229 0.1546	0.1447	0.1509	0.1481	Ave		0.145 6				8.0		20.0			
1,4-Dioxane	++++ 3.1687	2.5031 3.3110	2.7019	2.3201	2.9973	Ave		2.833 7				13.7		20.0			
n-Propyl acetate	++++ 0.7893	0.8056 0.7799	0.7036	0.7302	0.7364	Ave		0.757 5				5.3		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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								
Dibromomethane	++++ 0.2727	0.2566 0.2831	0.2644	0.2624	0.2550	Ave		0.265 7				4.0		20.0			
Dichlorobromomethane	++++ 0.5784	0.5451 0.5964	0.5266	0.5656	0.5321	Ave		0.557 4			0.2000	4.9		20.0			
2-Nitropropane	++++ 0.1373	0.1546 0.1351	0.1476	0.1326	0.1279	Ave		0.139 2				7.2		20.0			
2-Chloroethyl vinyl ether	++++ 0.3354	0.3280 0.3369	0.3086	0.3226	0.3194	Ave		0.325 1				3.3		20.0			
Epichlorohydrin	0.5103 0.4765	0.4401 0.4113	0.5487	0.4872	0.4883	Ave		0.480 3				9.3		20.0			
cis-1,3-Dichloropropene	++++ 1.1957	1.0487 1.1799	1.1013	1.1326	1.0965	Ave		1.125 8			0.2000	4.9		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 4.4687	4.5370 3.4195	4.9924	4.4912	4.4560	Ave		4.394 1			0.0500	11.8		20.0			
Toluene	++++ 3.2115	2.9639 2.9048	2.9181	2.9975	2.9552	Ave		2.991 8			0.4000	3.8		20.0			
trans-1,3-Dichloropropene	++++ 1.0548	0.9381 1.0472	0.9939	1.0092	0.9801	Ave		1.003 9			0.1000	4.3		20.0			
Ethyl methacrylate	++++ 0.9733	0.8969 0.9732	0.9066	0.9228	0.8803	Ave		0.925 5				4.3		20.0			
1,1,2-Trichloroethane	++++ 0.5297	0.4728 0.5335	0.5154	0.5069	0.5035	Ave		0.510 3			0.1000	4.3		20.0			
Tetrachloroethene	++++ 0.7045	0.7291 0.7131	0.6880	0.6530	0.6490	Ave		0.689 5			0.2000	4.7		20.0			
1,3-Dichloropropane	++++ 1.0848	0.9871 1.0437	1.0527	1.0681	1.0248	Ave		1.043 5				3.3		20.0			
2-Hexanone	++++ 2.9591	2.9027 2.3903	3.3654	2.9820	2.9416	Ave		2.923 5			0.0500	10.7		20.0			
n-Butyl acetate	++++ 1.0919	1.2354 1.0423	1.1008	1.0521	1.0527	Ave		1.095 9				6.6		20.0			
Chlorodibromomethane	++++ 0.6225	0.5967 0.6080	0.6066	0.6156	0.5831	Ave		0.605 4			0.1000	2.3		20.0			
Ethylene Dibromide	++++ 0.6193	0.5975 0.6054	0.6073	0.6056	0.5802	Ave		0.602 5			0.1000	2.2		20.0			
Chlorobenzene	++++ 1.8608	1.7818 1.7557	1.7276	1.7943	1.7719	Ave		1.782 0			0.5000	2.5		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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								
Ethylbenzene	++++ 1.0478	0.9028 1.0543	0.9865	1.0025	0.9924	Ave		0.997 7			0.1000	5.5		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.6431	0.5991 0.6474	0.5770	0.6127	0.5984	Ave		0.613 0				4.5		20.0			
m-Xylene & p-Xylene	++++ 1.2338	1.2384 1.2034	1.1350	1.2039	1.1815	Ave		1.199 3			0.1000	3.2		20.0			
n-Butyl acrylate	++++ 0.5488	0.4665 0.5746	0.5273	0.5450	0.5271	Ave		0.531 6				6.8		20.0			
o-Xylene	++++ 1.1717	1.2596 1.1533	1.1394	1.1692	1.1410	Ave		1.172 4			0.3000	3.8		20.0			
Styrene	++++ 2.0438	2.0075 1.9211	1.8710	1.9726	1.9354	Ave		1.958 6			0.3000	3.2		20.0			
Amyl acetate (mixed isomers)	++++ 2.5671	2.4570 2.3604	2.4947	2.4813	2.4857	Ave		2.474 3				2.7		20.0			
Bromoform	++++ 0.4336	0.4200 0.4381	0.3973	0.4128	0.4047	Ave		0.417 7			0.1000	3.8		20.0			
Isopropylbenzene	++++ 3.0351	2.7807 2.4995	2.8575	2.9995	2.9602	Ave		2.855 4			0.1000	6.9		20.0			
Bromobenzene	++++ 1.5380	1.3196 1.5188	1.4932	1.4077	1.4199	Ave		1.449 5				5.7		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.9652	1.6266 1.9154	1.6700	1.7278	1.7461	Ave		1.775 2			0.3000	7.6		20.0			
N-Propylbenzene	++++ 7.9595	7.5310 5.7715	7.4661	7.5483	7.6214	Ave		7.316 3				10.6		20.0			
1,2,3-Trichloropropane	++++ 0.5287	0.5535 0.5127	0.5520	0.5002	0.4911	Ave		0.523 1				5.0		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.5512	0.5132 0.5459	0.4791	0.4906	0.5114	Ave		0.515 3				5.6		20.0			
2-Chlorotoluene	++++ 5.7060	5.0162 4.6337	5.0913	5.0060	5.1474	Ave		5.100 1				6.8		20.0			
4-Ethyltoluene	++++ 6.6018	6.1184 5.2370	6.2414	6.1140	6.4260	Ave		6.123 1				7.7		20.0			
1,3,5-Trimethylbenzene	++++ 5.4759	4.8793 4.4495	4.9653	5.0219	5.1850	Ave		4.996 1				6.8		20.0			
4-Chlorotoluene	++++ 4.6395	4.4974 4.0337	4.5028	4.5090	4.4126	Ave		4.432 5				4.7		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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								
Butyl Methacrylate	++++ 1.8658	1.6294 1.8297	1.5909	1.7268	1.8187	Ave		1.743 5				6.5		20.0			
tert-Butylbenzene	++++ 4.5542	4.2361 3.9808	4.3634	4.3154	4.3271	Ave		4.296 2				4.4		20.0			
1,2,4-Trimethylbenzene	++++ 5.4963	4.7765 4.4653	5.0200	4.9709	5.1099	Ave		4.973 1				6.9		20.0			
sec-Butylbenzene	++++ 6.6251	6.0533 5.0360	6.3859	6.3753	6.4797	Ave		6.159 2				9.4		20.0			
4-Isopropyltoluene	++++ 6.0019	5.2878 4.6829	5.4064	5.5099	5.4979	Ave		5.397 8				7.9		20.0			
1,3-Dichlorobenzene	++++ 2.9948	2.7168 2.9877	2.6440	2.7649	2.7105	Ave		2.803 1			0.6000	5.4		20.0			
1,4-Dichlorobenzene	++++ 3.0532	3.0317 3.0038	2.7969	2.7794	2.8086	Ave		2.912 3			0.5000	4.5		20.0			
1,2,3-Trimethylbenzene	++++ 5.7693	4.6281 4.6509	4.9163	5.0094	5.3243	Ave		5.049 7				8.6		20.0			
Benzyl chloride	++++ 3.5239	2.8981 3.2032	3.0434	3.3476	3.3343	Ave		3.225 1				7.0		20.0			
Indan	++++ 5.2828	4.6223 4.4456	5.0175	5.0891	5.0817	Ave		4.923 2				6.5		20.0			
p-Diethylbenzene	++++ 2.9716	2.3754 2.7769	2.6999	2.6723	2.7258	Ave		2.703 6				7.1		20.0			
n-Butylbenzene	++++ 3.0010	2.5869 2.7657	2.6810	2.5912	2.6529	Ave		2.713 1				5.7		20.0			
1,2-Dichlorobenzene	++++ 2.7997	2.4285 2.6918	2.5569	2.5142	2.5175	Ave		2.584 8			0.4000	5.3		20.0			
1,2,4,5-Tetramethylbenzene	++++ 5.0172	4.4588 4.0387	4.0851	4.0617	4.1441	Ave		4.301 0				8.9		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.4081	0.4406 0.3689	0.3779	0.3811	0.3520	Ave		0.388 1			0.0500	8.1		20.0			
1,3,5-Trichlorobenzene	++++ 2.0553	1.8406 1.9409	1.7015	1.6970	1.7028	Ave		1.823 0				8.3		20.0			
1,2,4-Trichlorobenzene	++++ 1.8966	1.4587 1.8330	1.6152	1.5309	1.5734	Ave		1.651 3			0.2000	10.6		20.0			
Hexachlorobutadiene	++++ 0.6899	0.6230 0.6214	0.5975	0.6143	0.6164	Ave		0.627 1				5.1		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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								
Naphthalene	++++ 5.4682	4.8609 4.3727	4.5963	4.4755	4.5842	Ave		4.726 3				8.4		20.0			
1,2,3-Trichlorobenzene	++++ 1.7894	1.4707 1.7340	1.4208	1.4181	1.5074	Ave		1.556 7				10.5		20.0			
Dibromofluoromethane (Surr)	0.2906 0.2908	0.2942 0.3280	0.2905	0.2951	0.2969	Ave		0.298 0				4.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2900 0.3270	0.2859 0.3888	0.2806	0.2919	0.2951	Ave		0.308 5				12.5		20.0			
Toluene-d8 (Surr)	1.8967 1.9075	2.0141 1.9311	1.9931	1.9714	1.9798	Ave		1.956 2				2.3		20.0			
4-Bromofluorobenzene	0.4623 0.4271	0.4876 0.4605	0.4770	0.4823	0.4830	Ave		0.468 5				4.5		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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-771694/3	V00410.D
Level 2	STD1 460-771694/4	V00411.D
Level 3	STD5 460-771694/6	V00413.D
Level 4	STD20 460-771694/7	V00414.D
Level 5	STD50 460-771694/8	V00415.D
Level 6	STD200 460-771694/9	V00416.D
Level 7	STD500 460-771694/10	V00417.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	++++ 415679	1656 1060655	8505	34187	84234	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 1359060	5753 3598280	30310	132572	333095	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 1282517	5627 4085454	30969	119499	339729	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1461013	7384 3966271	34521	145345	355611	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1518284	6965 4031595	35247	141295	371754	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1853 1469614	7282 3861773	33426	144685	361704	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	++++ 903795	3614 2550068	12903	73754	197239	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	BUT	Ave	++++ 870028	4566 2247859	21354	80841	208790	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1993693	7526 5372818	40690	183968	402258	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1619925	6505 4264759	36907	152937	390163	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	++++ 415333	2012 1236692	9473	39491	94285	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	QuaF	++++ 260484	659 752298	5725	23411	55363	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 757316	3522 2025484	16005	66358	167020	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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-Methyl-1,3-butadiene	FB	Ave	++++ 1207648	4943 3268196	24789	99831	264838	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 1055936	4852 2813546	23046	91150	241466	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 1663616	6807 4434140	34935	147546	389036	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 1067761	4284 2917741	23776	96093	234075	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 142581	2061 319481	8338	23798	60446	++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	++++ 1090890	4679 2836497	21712	94061	240884	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 1850593	10192 4757780	38512	163102	402954	++++ 1000	5.00 2500	25.0	100	250
Isopropyl alcohol	TBAd 9	Ave	++++ 749936	3425 2037788	14962	67514	170423	++++ 2000	10.0 5000	50.0	200	500
Iodomethane	FB	QuaF	++++ 1109287	2783 2730078	14002	70882	215244	++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	++++ 3397997	17777 8543233	75434	302094	766006	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 777949	3632 2026972	15134	67614	172440	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 2324056	7936 5999012	50613	205664	514448	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 3174232	13427 8141498	67000	285928	731825	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Qua2	++++ 1111942	6744 2974713	25778	97725	254239	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 1166364	5538 3134510	25967	104308	268740	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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-Methyl-2-propanol	TBAd 9	Ave	++++ 1265788	6141 3272337	25882	113187	277029	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 3518173	14682 9036333	75445	315119	802553	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 1230156	4902 3352726	25186	106121	274128	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	5163 5758348	23169 12519048	123430	514426	1311134	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 1842389	7856 4725713	35948	166803	416320	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 4050910	17197 10176114	84150	370433	919834	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	++++ 590356	2752 1580532	9453	49549	133124	++++ 400	2.00 1000	10.0	40.0	100
1,1-Dichloroethane	FB	Ave	++++ 2287823	9233 5878561	46216	203189	508358	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 1132615	5211 3088844	24129	106081	258779	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 3636356	14856 9378783	77748	329106	843583	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 411299	1751 1095676	9112	36126	92259	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 1354963	5848 3681197	28339	115621	292035	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 347493	1408 955932	6126	29733	73662	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	++++ 946610	2658 2537562	18314	74632	199778	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	++++ 1257800	4542 3334184	28975	108798	287984	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 2053811	8356 5166374	46141	200197	489257	++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	++++ 405771	1683 1094266	8201	36873	92682	++++ 400	2.00 1000	10.0	40.0	100

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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
Chlorobromomethane	FB	Ave	++++ 583111	2755 1612783	12234	50953	130832	++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	++++ 6578385	25739 14620301	130887	565654	1459516	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1992653	8678 5469176	42041	174338	436290	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 2083584	8691 5510856	43859	180307	452824	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 1772073	7399 4777491	35531	150721	389645	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 1464003	5814 4019134	28692	125622	313683	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 1793858	7106 4881349	36043	153010	393212	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 1311321	3915 ++++	26324	101770	264310	++++ 5000	25.0 ++++	125	500	1250
Isooctane	FB	Ave	++++ 3688261	16085 9076629	79606	353112	872926	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 5164690	20965 12340583	105800	468844	1171432	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	QuaF	++++ 629604	4886 1713478	13493	51455	138439	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 3677554	14640 9843879	71382	325973	824556	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 1352856	6116 3623712	28451	121876	301402	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 344880	1502 831121	7089	33054	75168	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 777811	2490 2121441	9622	52731	142402	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 1260245	5137 3436540	24735	104647	276909	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++	557	5067	16924	44669	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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
			211456	535348				200	500			
Methylcyclohexane	FB	Ave	++++ 2191003	8211 5598411	43278	193201	496880	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 1265001	5138 3364036	24782	114123	287225	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 760119	2731 1982312	15934	69833	178260	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 267352	3140 721728	6944	25595	62401	++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	++++ 1966455	8951 5000243	38737	168911	443237	++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	++++ 679535	2851 1814883	14555	60686	153505	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 1441209	6057 3823681	28991	130828	320282	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 684345	3435 1732573	16252	61323	153913	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 837665	3653 2165104	17030	74790	192689	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	3159 2801118	10060 6872403	57322	245533	640295	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 2052462	7863 5245836	41595	179738	456376	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 6568067	25927 14285031	130398	565911	1460787	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 5512596	22223 12914938	110214	475703	1230013	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1810545	7034 4655773	37537	160165	407940	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 1670632	6725 4327013	34243	146446	366402	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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-Trichloroethane	CBNZ d5	Ave	++++ 909299	3545 2372140	19468	80444	209577	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 1209258	5467 3170703	25984	103632	270136	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1862000	7401 4640534	39759	169511	426525	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 4349231	16588 9985654	87903	375748	964314	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 1874205	9263 4634029	41578	166966	438136	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 1068617	4474 2703098	22911	97700	242686	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 1063007	4480 2691485	22938	96107	241498	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 3194085	13360 7806011	65251	284752	737504	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 1798513	6769 4687370	37260	159101	413043	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 1103909	4492 2878586	21791	97240	249081	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 2117814	9285 5350254	42868	191055	491775	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 942077	3498 2554797	19917	86499	219398	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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
o-Xylene	CBNZ d5	Ave	++++ 2011294	9444 5127529	43035	185547	474899	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 3508223	15052 8541372	70665	313051	805533	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 1974133	8794 5080499	43282	187272	476160	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 744239	3149 1947767	15005	65505	168459	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 5209802	20849 11113285	107926	476026	1232068	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 1182725	4723 3269043	25907	106247	271992	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 1511299	5822 4122709	28974	130403	334480	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 6121035	26955 12422622	129535	569698	1459966	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 406618	1981 1103597	9577	37755	94080	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 423892	1837 1174995	8313	37028	97971	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 4388033	17954 9973605	88332	377824	986043	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 5076879	21899 11272108	108287	461443	1230973	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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	DCBd 4	Ave	++++ 4211051	17464 9577085	86147	379019	993248	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 3567869	16097 8682219	78123	340313	845280	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 1434820	5832 3938233	27601	130329	348390	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 3502254	15162 8568321	75703	325700	828916	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 4226756	17096 9611054	87096	375171	978856	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 5094838	21666 10839391	110793	481164	1241256	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 4615590	18926 10079525	93800	415851	1053188	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 2303039	9724 6430803	45873	208680	519220	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 2348007	10851 6465422	48525	209775	538018	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 4436686	16565 10010659	85296	378080	1019925	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 2709922	10373 6894471	52802	252658	638717	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 4062578	16544 9568684	87052	384095	973452	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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
p-Diethylbenzene	DCBd 4	Ave	++++ 2285253	8502 5976988	46842	201687	522153	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 2307798	9259 5952932	46515	195564	508201	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 2152991	8692 5793917	44362	189757	482260	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 3858361	15959 8692918	70876	306550	793860	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 313818	1577 793964	6556	28764	67426	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1580539	6588 4177580	29521	128078	326189	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1458488	5221 3945320	28023	115541	301404	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 530562	2230 1337405	10367	46364	118075	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 4205150	17398 9411766	79745	337780	878162	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 1376065	5264 3732345	24650	107031	288760	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	168969 181109	163456 210318	159962	170640	178685	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	168652 203704	158842 249285	154468	168827	177640	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	765757	755058	752775	782176	824037	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1 Analy Batch No.: 771694

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2021 15:49 Calibration End Date: 04/15/2021 18:29 Calibration ID: 84865

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
			818559	858587				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	186666	182803	180149	191360	201012	50.0	50.0	50.0	50.0	50.0
			183271	204758				50.0	50.0			

Curve Type Legend

Ave = Average ISTD  
Qua2 = Quadratic 1/conc^2 ISTD  
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D  
 Lims ID: STD7  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 15-Apr-2021 15:49:30 ALS Bottle#: 3 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD7  
 Misc. Info.: 460-0127059-003  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Apr-2021 16:46:05 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: baronm

Date: 16-Apr-2021 16:14:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.661	1.661	0.000	91	1853	0.2500	0.2583	
* 28 TBA-d9 (IS)	66	2.849	2.849	0.000	100	40248	1000.0	1000.0	
35 Acrylonitrile	53	3.126	3.114	0.012	91	5163	2.00	2.04	M
* 42 2-Butanone-d5	46	3.873	3.873	0.000	100	309547	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	97	168969	50.0	48.8	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	93	168652	50.0	47.0	
* 67 Fluorobenzene	96	4.979	4.979	0.001	99	581485	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.726	5.731	-0.005	89	29660	1000.0	1000.0	
80 Epichlorohydrin	57	6.461	6.449	0.012	49	3159	5.00	5.31	
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	765757	50.0	48.5	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	86	403736	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	186666	50.0	49.3	
* 106 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	95	190492	50.0	50.0	

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

**Reagents:**

14DIOXINTER_00128	Amount Added: 0.00	Units: uL	
524freon_00035	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00135	Amount Added: 0.00	Units: uL	
GASES Li_00416	Amount Added: 2.50	Units: uL	
ACROLEIN W_00122	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00084	Amount Added: 20.00	Units: uL	
GAS Hi_00386	Amount Added: 0.00	Units: uL	
MIX I Hi_00137	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00110	Amount Added: 0.00	Units: uL	
Ethanol mix_00051	Amount Added: 0.00	Units: uL	
8FreonHi_00031	Amount Added: 0.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

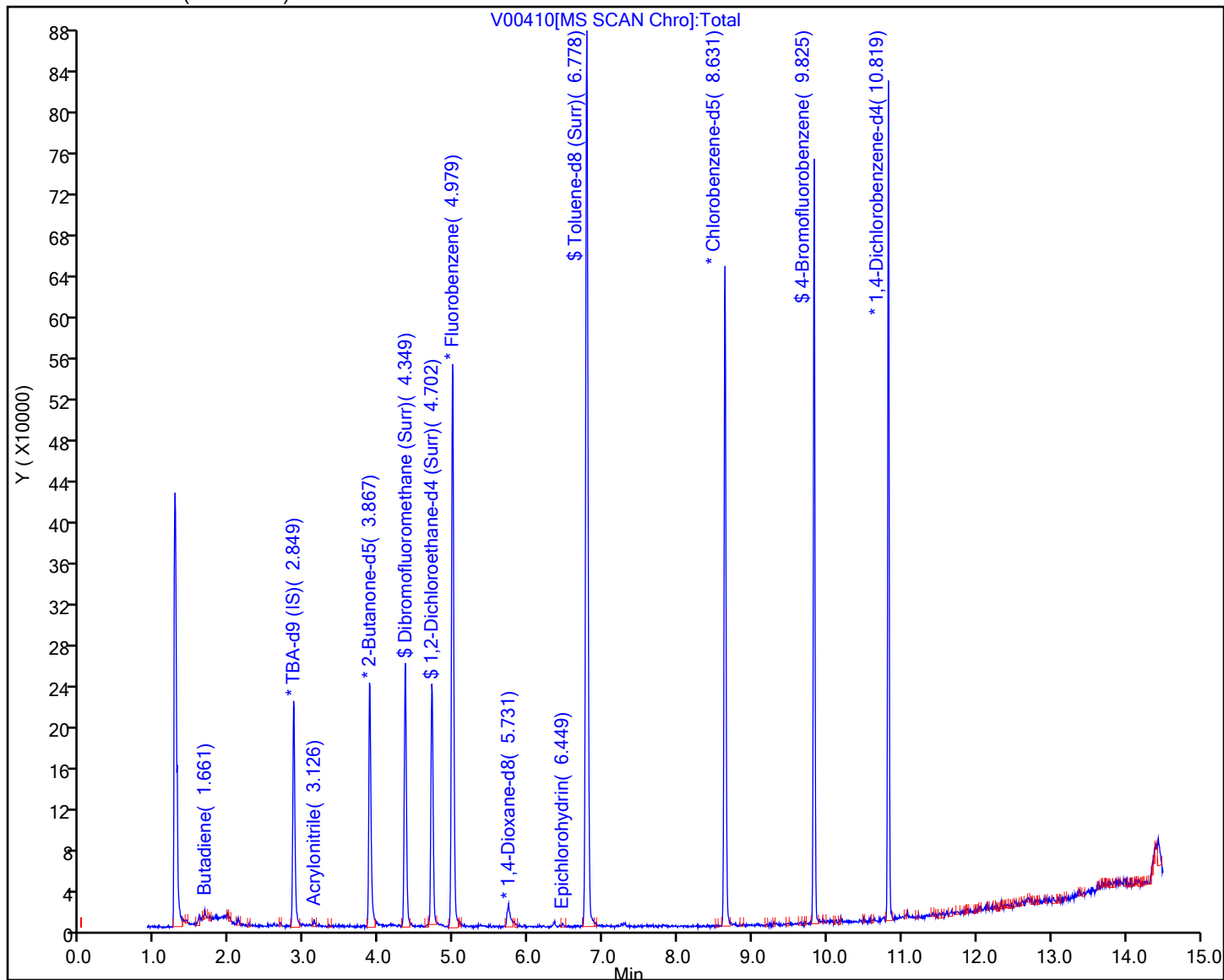
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

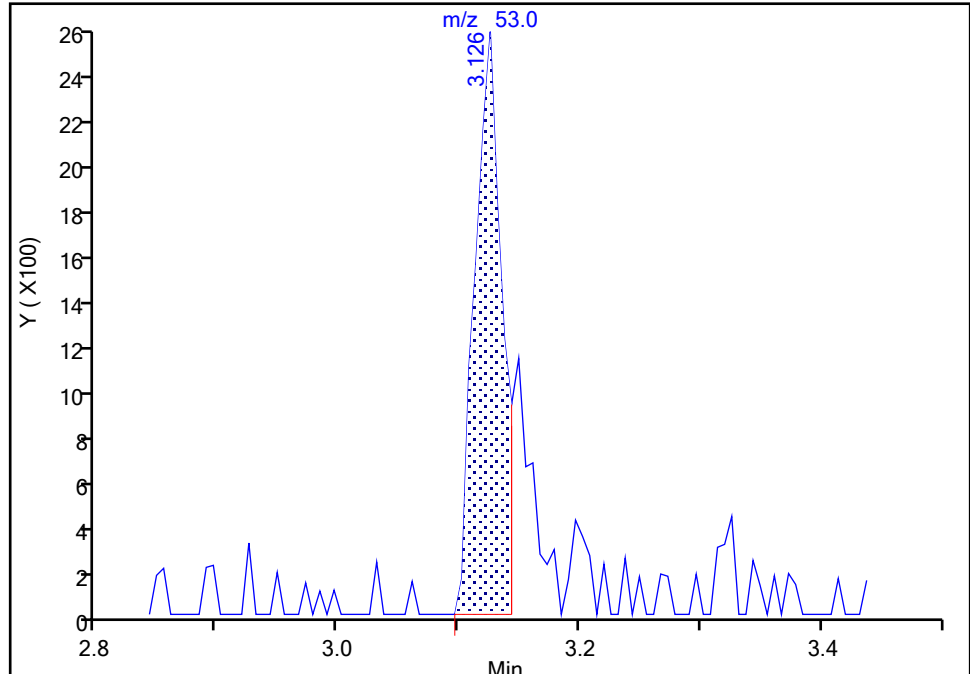
MS Quad

**35 Acrylonitrile, CAS: 107-13-1**

Signal: 1

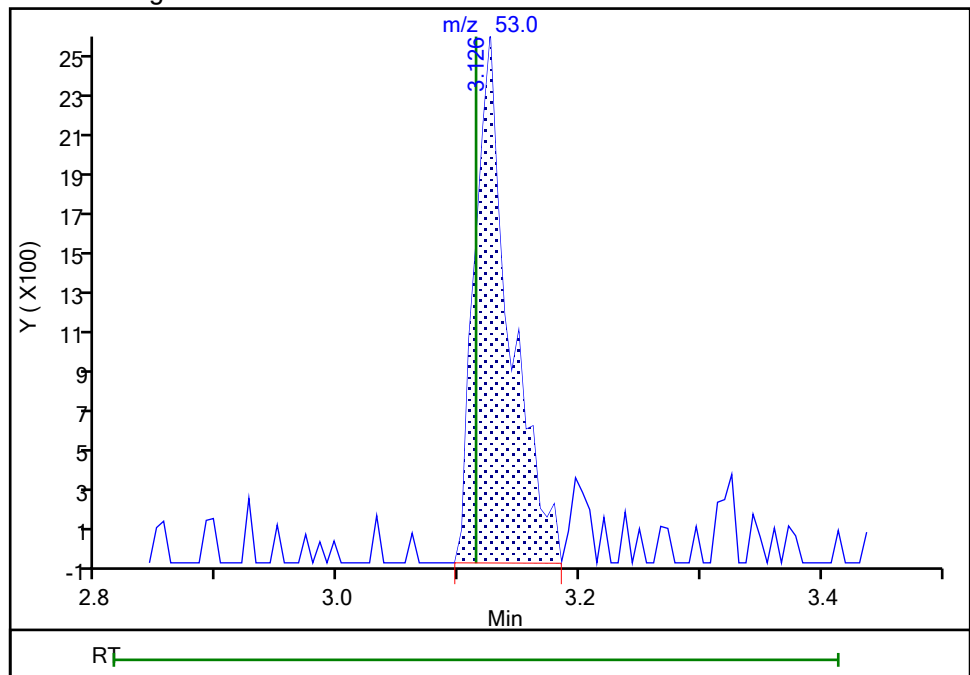
RT: 3.13  
Area: 4029  
Amount: 1.646877  
Amount Units: ug/l

## Processing Integration Results



RT: 3.13  
Area: 5163  
Amount: 2.042771  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:14:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

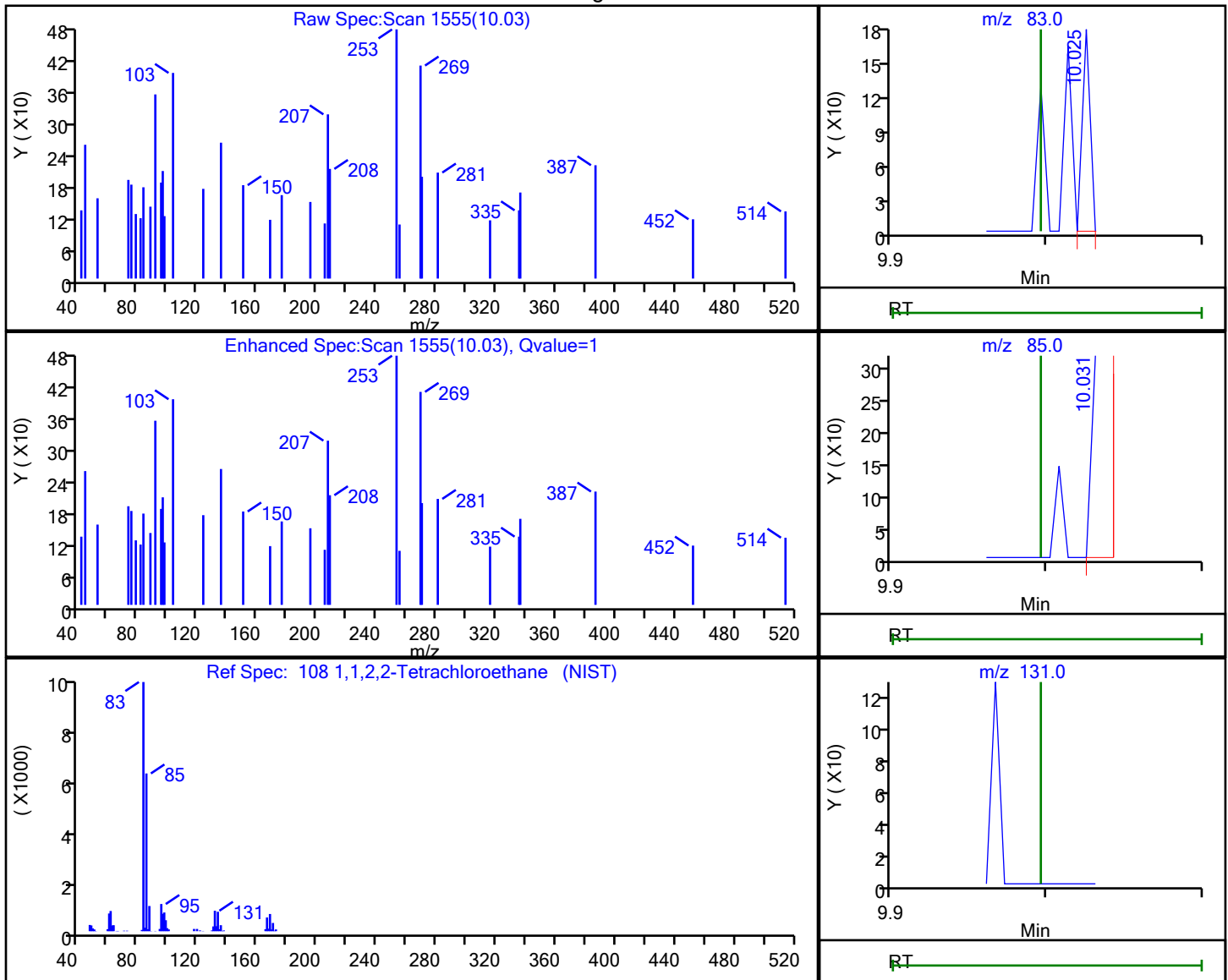
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

## Processing Results



RT	Mass	Response	Amount
10.03	83.00	61	0.009843
10.03	85.00	151	
10.00	131.00	0	

Reviewer: boykink, 15-Apr-2021 16:37:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

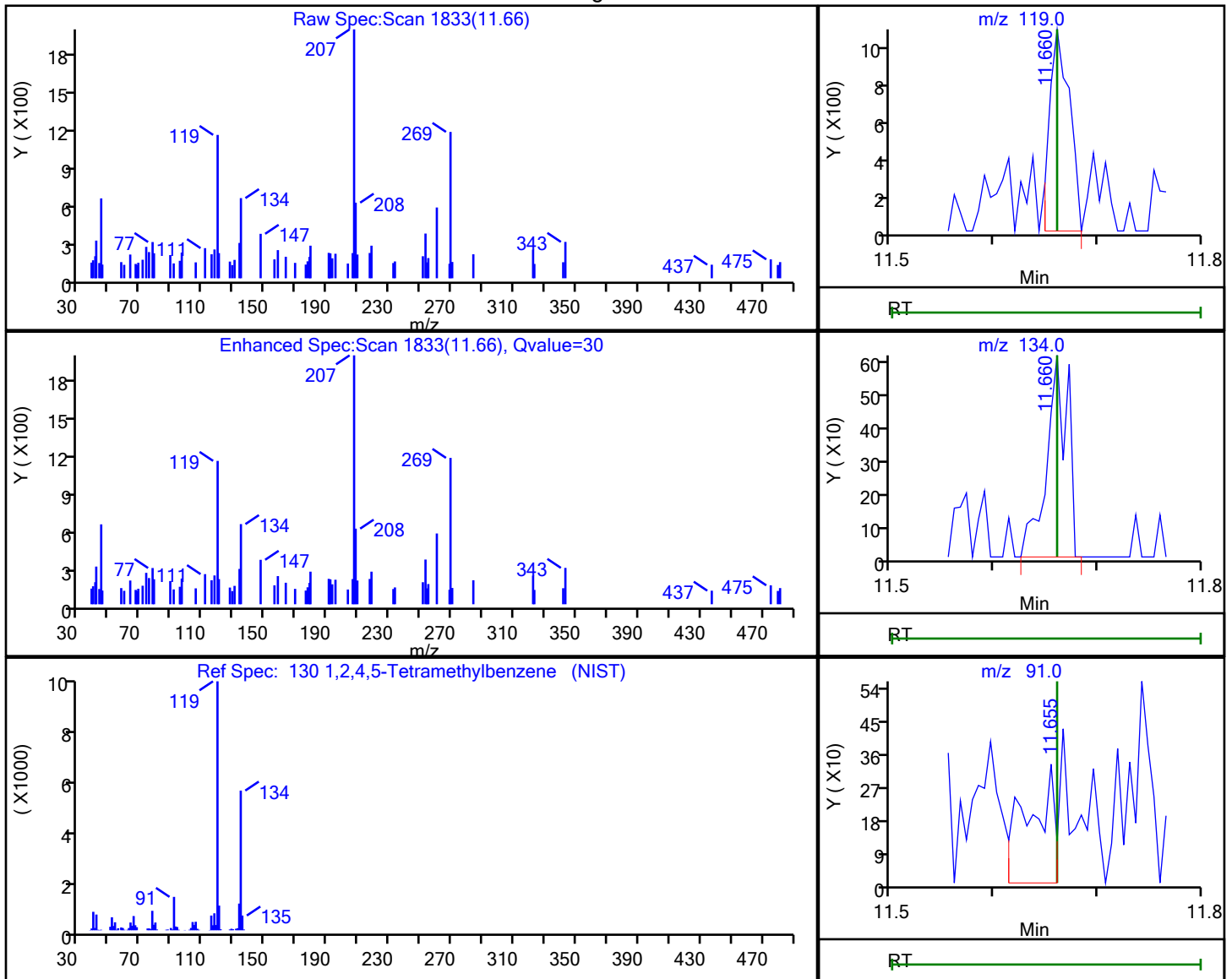
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

## Processing Results



RT	Mass	Response	Amount
11.66	119.00	1486	0.087477
11.66	134.00	866	
11.65	91.00	584	

Reviewer: boykink, 15-Apr-2021 16:38:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

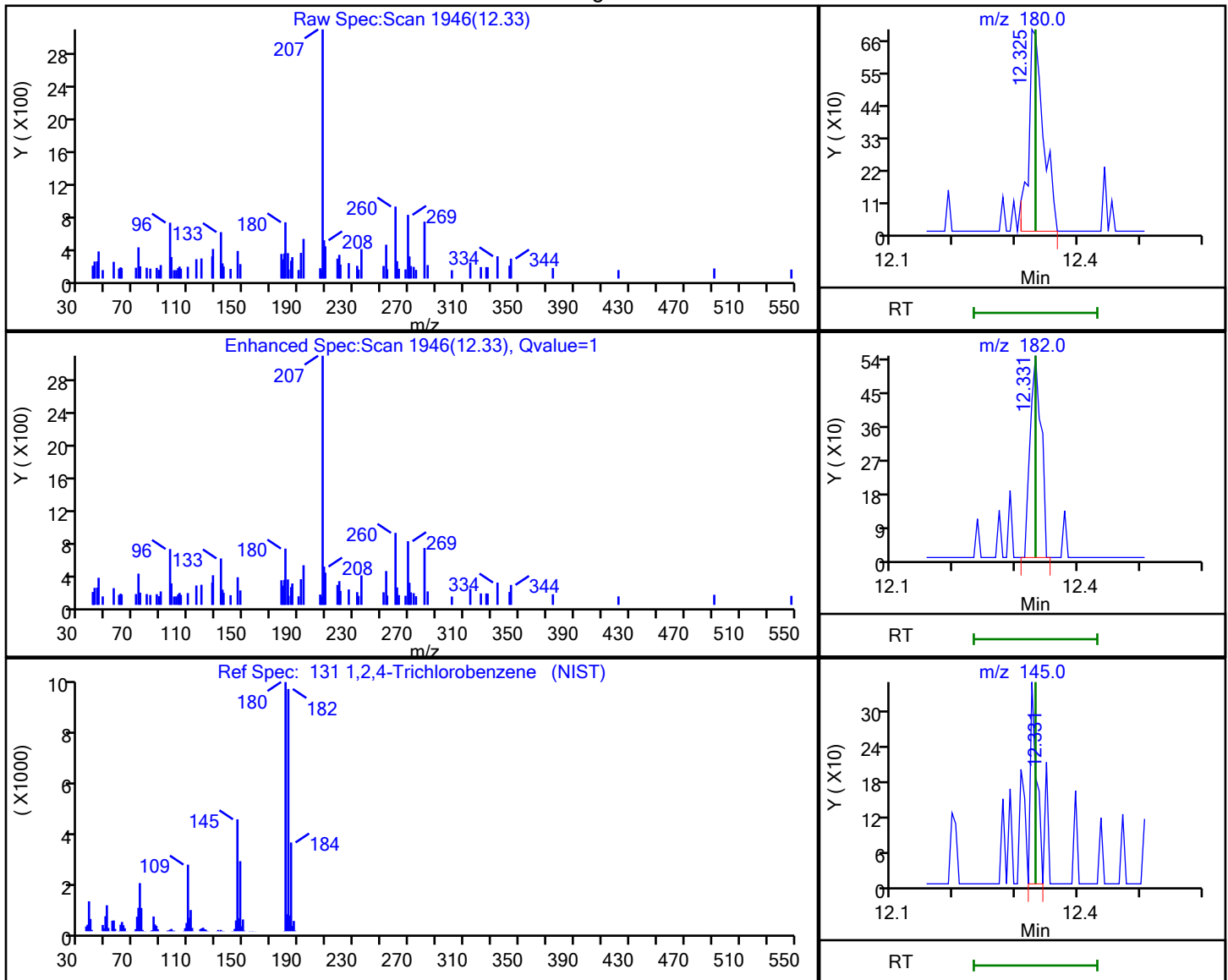
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

## 131 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



RT	Mass	Response	Amount
12.33	180.00	1150	0.206930
12.33	182.00	676	
12.33	145.00	240	

Reviewer: boykink, 15-Apr-2021 16:38:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

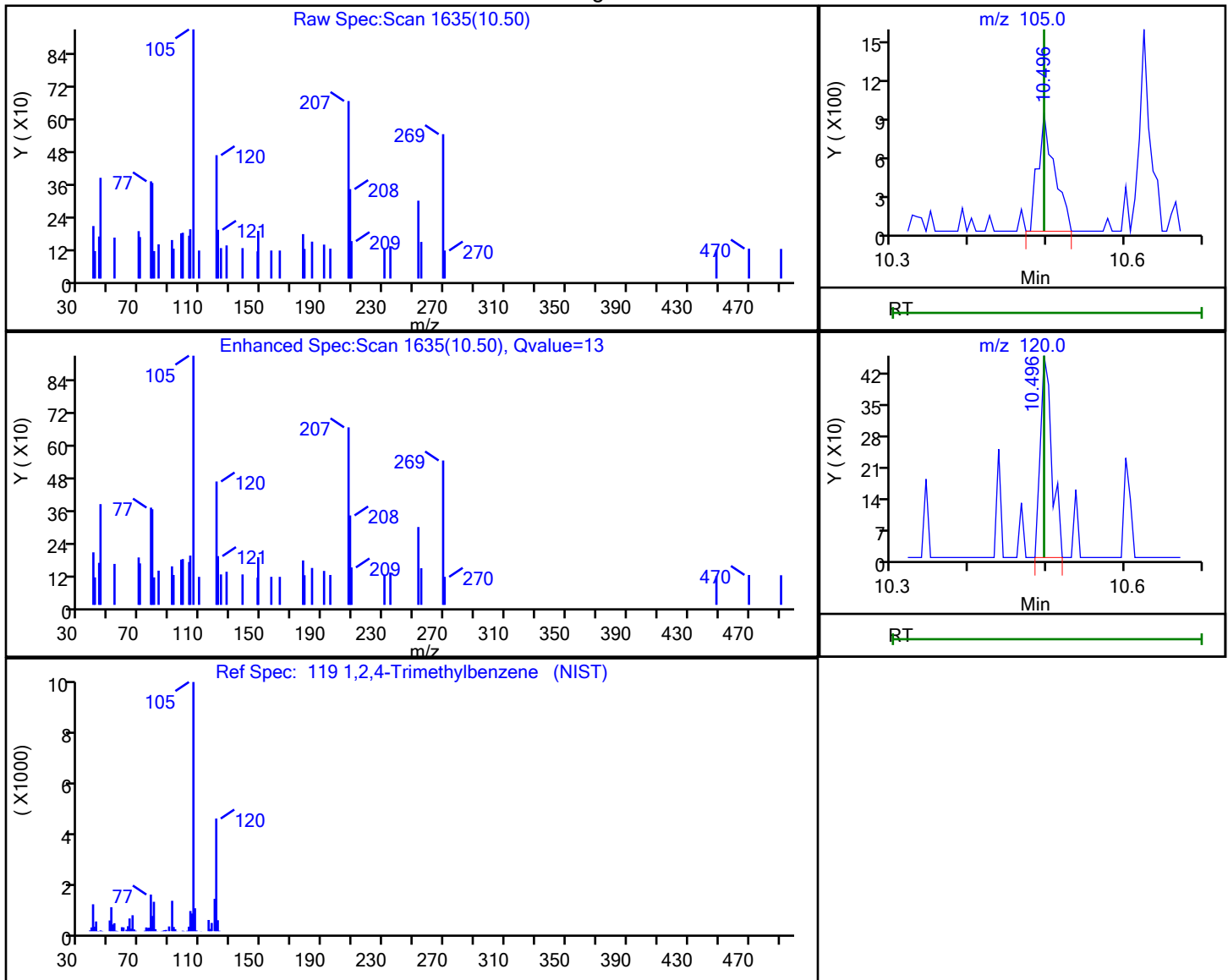
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 119 1,2,4-Trimethylbenzene, CAS: 95-63-6

## Processing Results



RT	Mass	Response	Amount
10.50	105.00	1371	0.075339
10.50	120.00	475	

Reviewer: boykink, 15-Apr-2021 16:38:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

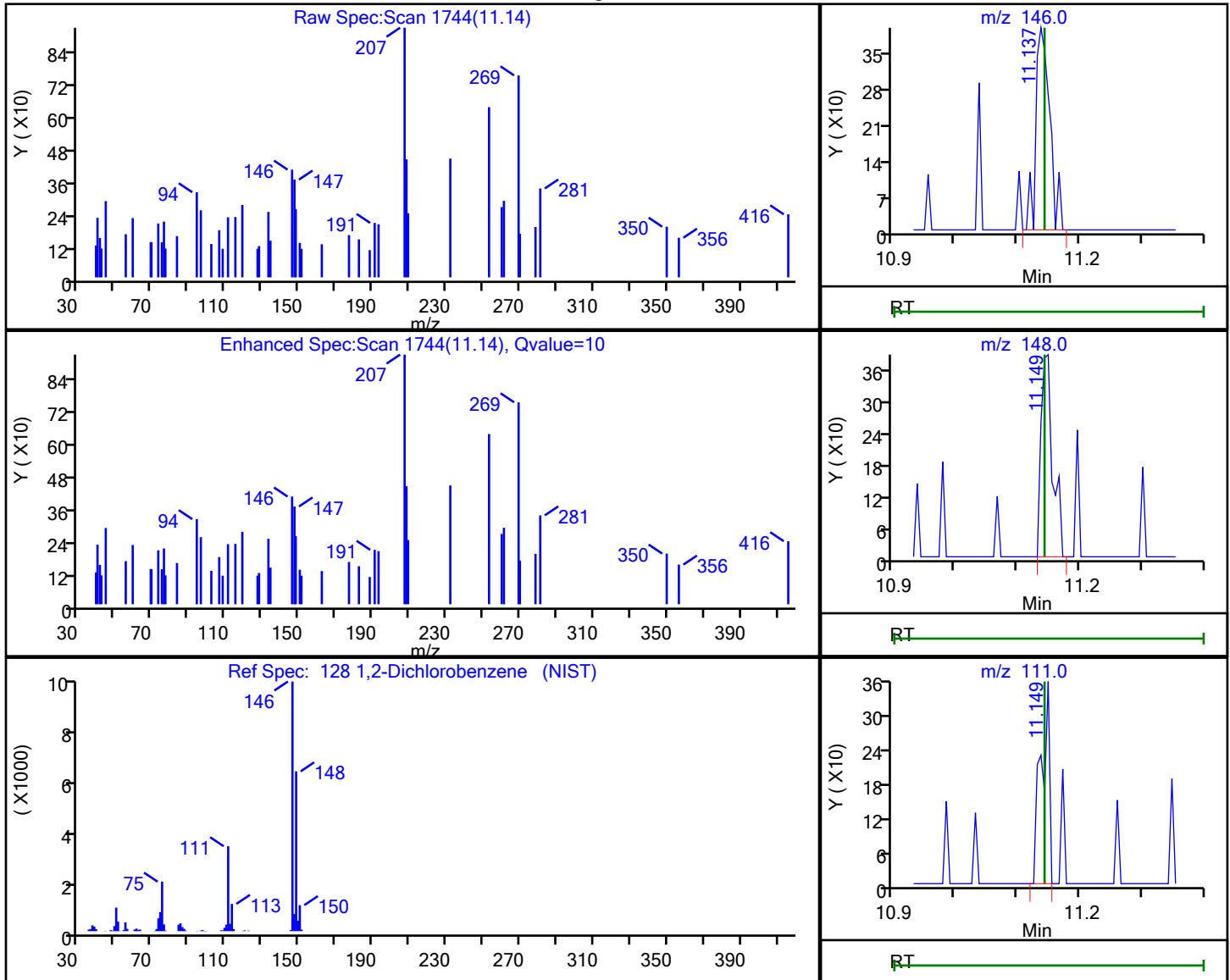
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 128 1,2-Dichlorobenzene, CAS: 95-50-1

## Processing Results



RT	Mass	Response	Amount
11.14	146.00	630	0.068093
11.15	148.00	500	
11.15	111.00	332	

Reviewer: boykink, 15-Apr-2021 16:38:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

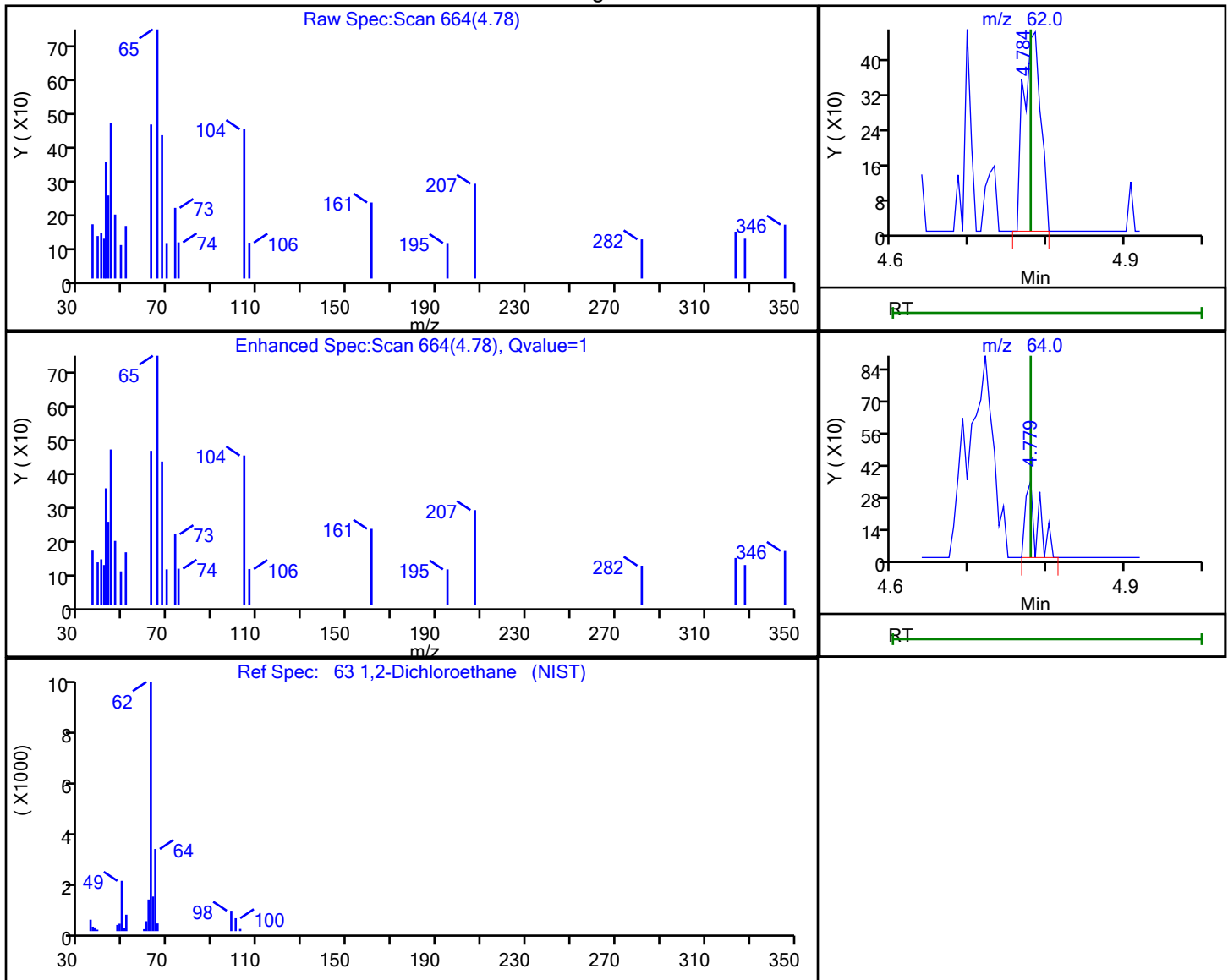
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 63 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



RT	Mass	Response	Amount
4.78	62.00	706	0.110289
4.78	64.00	372	

Reviewer: boykink, 15-Apr-2021 16:37:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

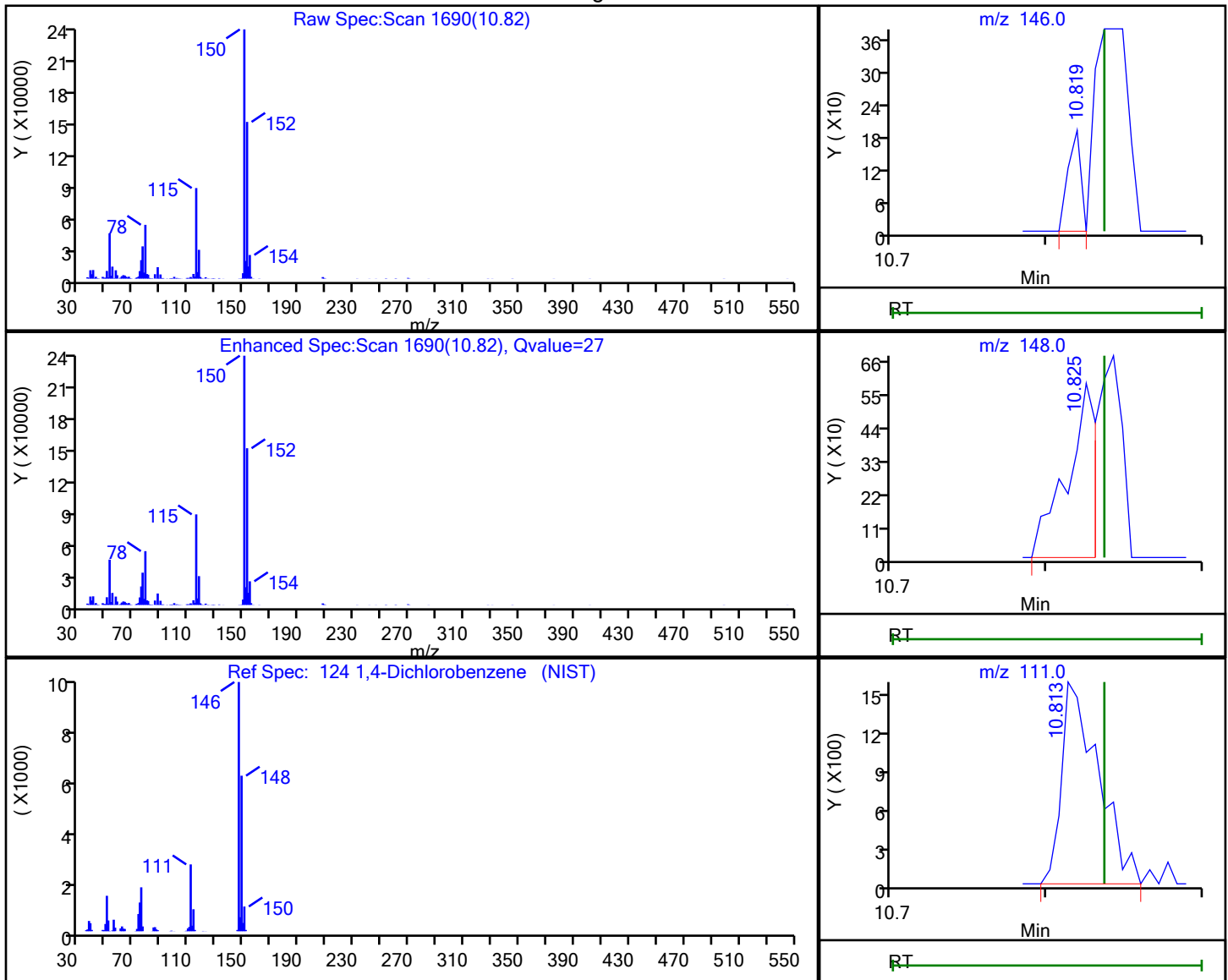
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 124 1,4-Dichlorobenzene, CAS: 106-46-7

## Processing Results



RT	Mass	Response	Amount
10.82	146.00	107	0.009264
10.83	148.00	758	
10.81	111.00	2528	

Reviewer: boykink, 15-Apr-2021 16:38:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

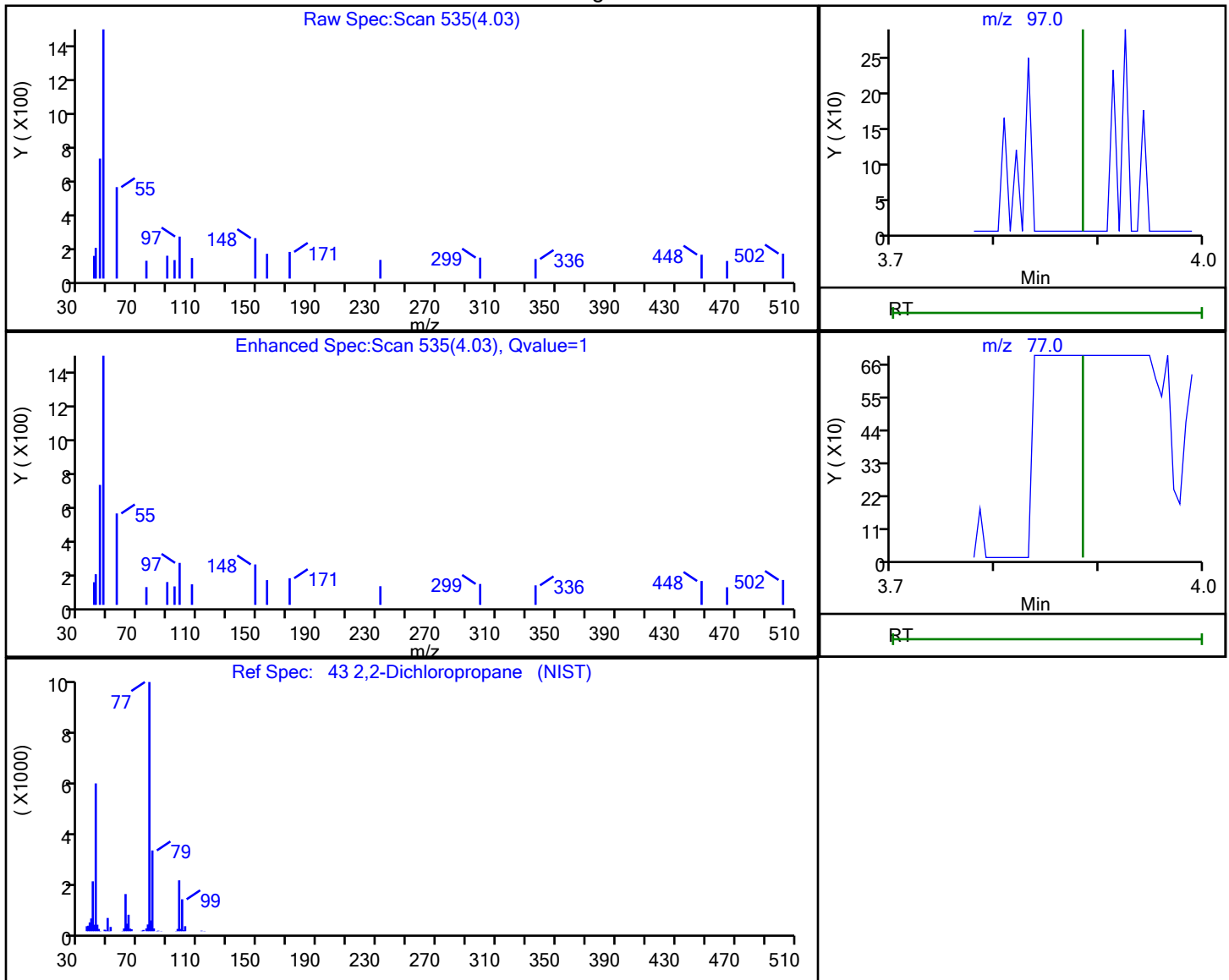
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 43 2,2-Dichloropropane, CAS: 594-20-7

## Processing Results



RT	Mass	Response	Amount
4.03	97.00	165	0.090031
4.04	77.00	497	

Reviewer: boykink, 15-Apr-2021 16:37:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

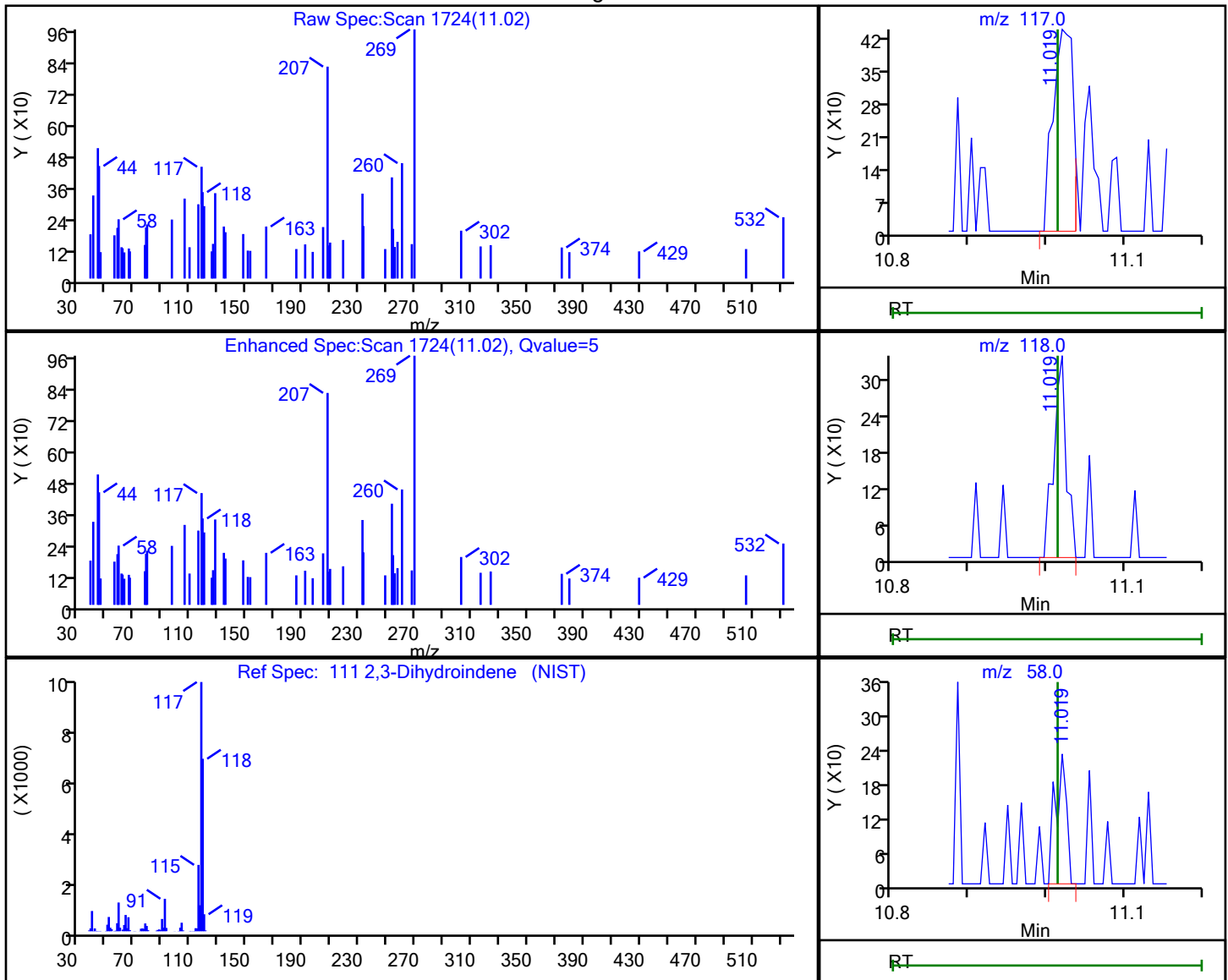
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 111 2,3-Dihydroindene, CAS: 496-11-7

## Processing Results



RT	Mass	Response	Amount
11.02	117.00	787	0.044690
11.02	118.00	376	
11.02	58.00	229	

Reviewer: boykink, 15-Apr-2021 16:38:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

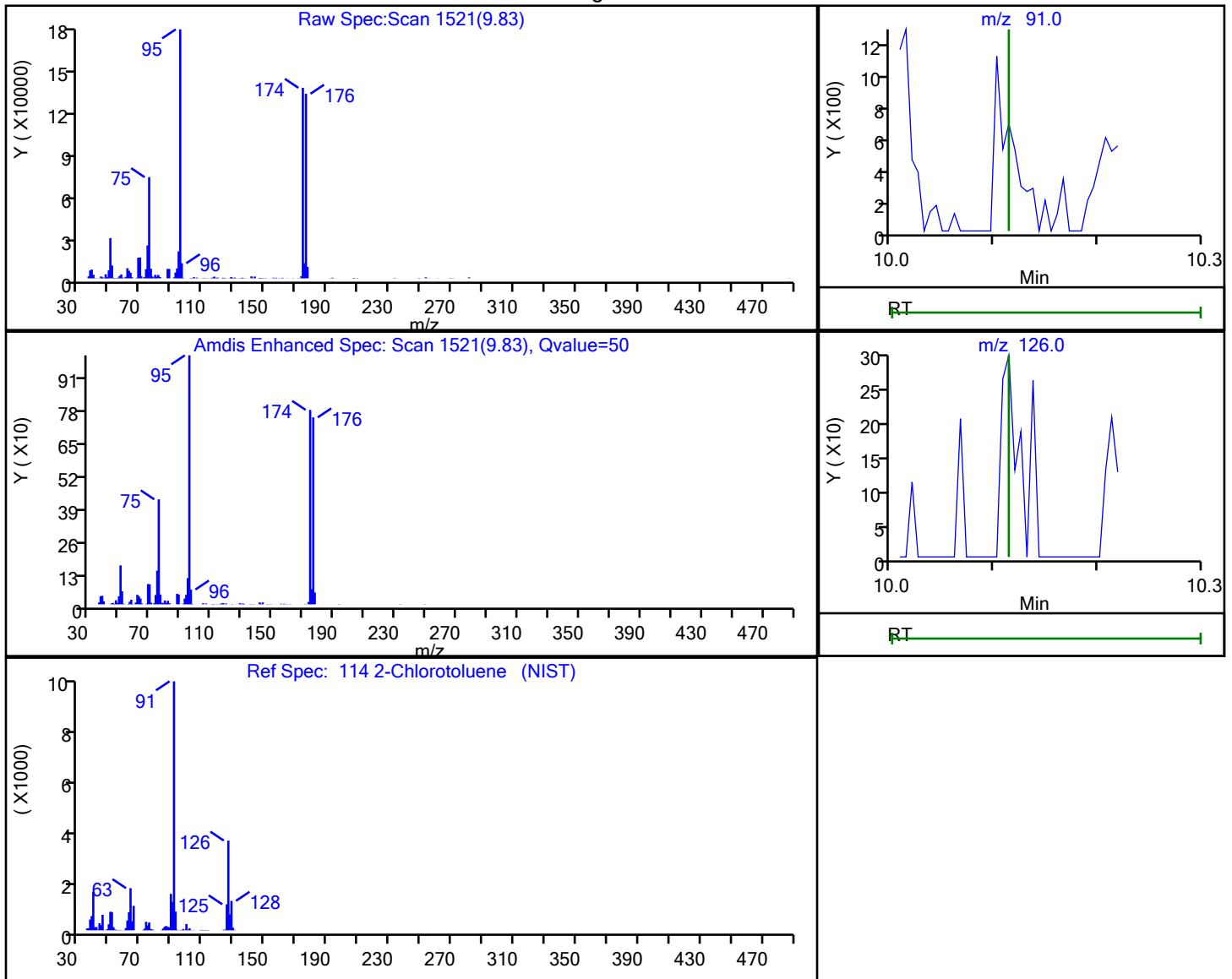
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 114 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



RT	Mass	Response	Amount
9.83	91.00	587	0.030715
9.83	126.00	45	

Reviewer: boykink, 15-Apr-2021 16:38:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

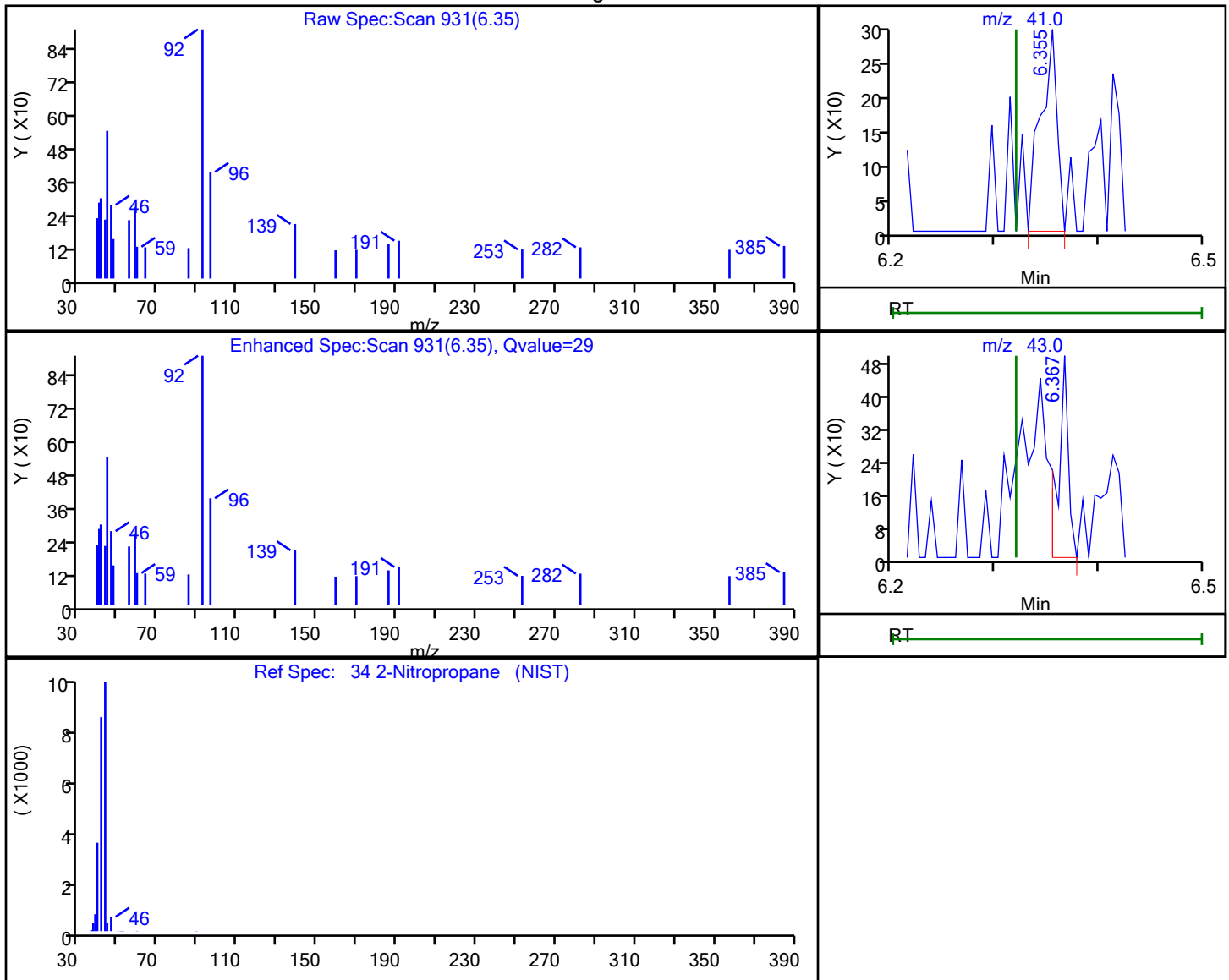
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 34 2-Nitropropane, CAS: 79-46-9

## Processing Results



RT	Mass	Response	Amount
6.35	41.00	321	0.178568
6.37	43.00	334	

Reviewer: boykink, 15-Apr-2021 16:37:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

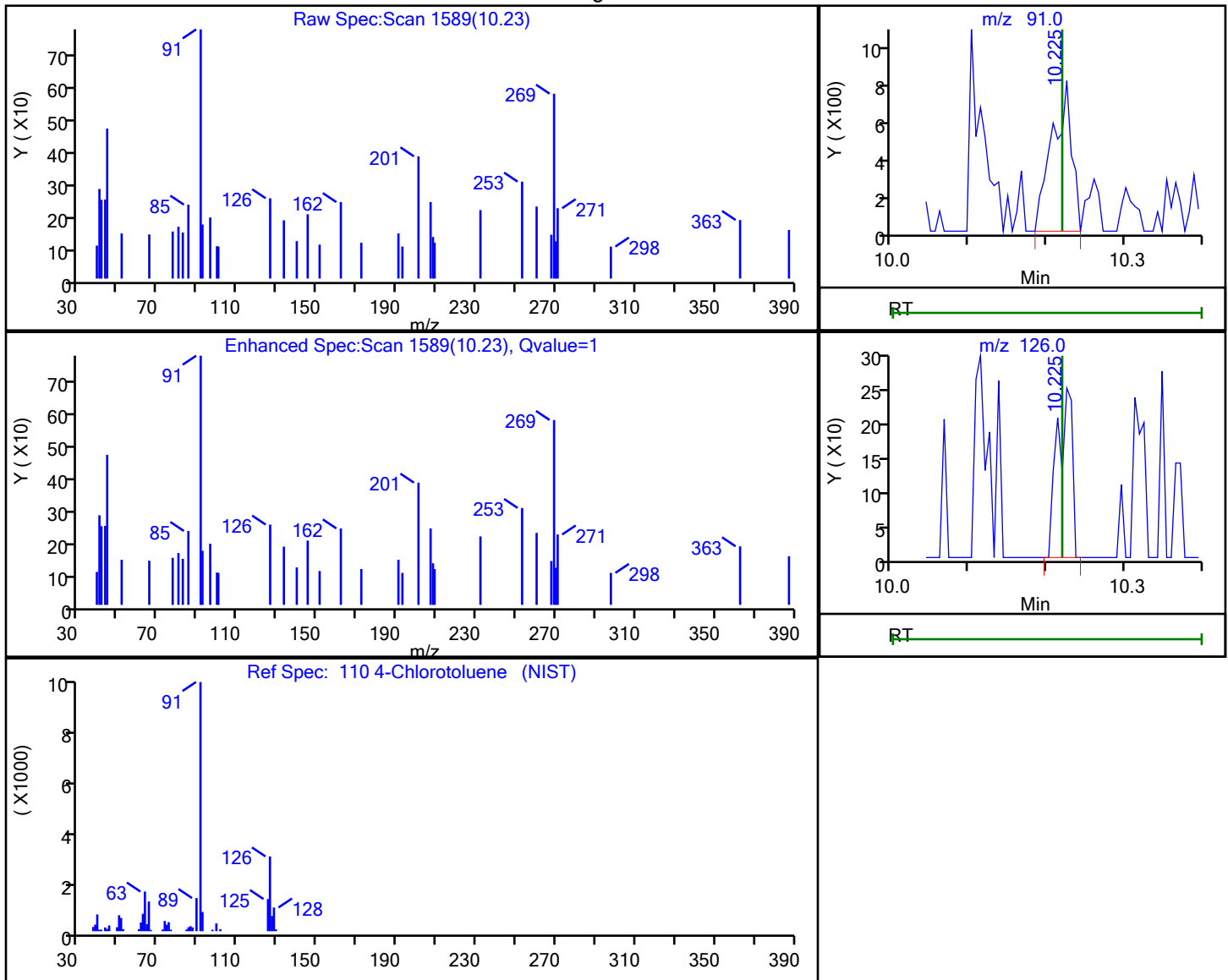
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 110 4-Chlorotoluene, CAS: 106-43-4

## Processing Results



RT	Mass	Response	Amount
10.23	91.00	1372	0.080073
10.23	126.00	333	

Reviewer: boykink, 15-Apr-2021 16:38:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

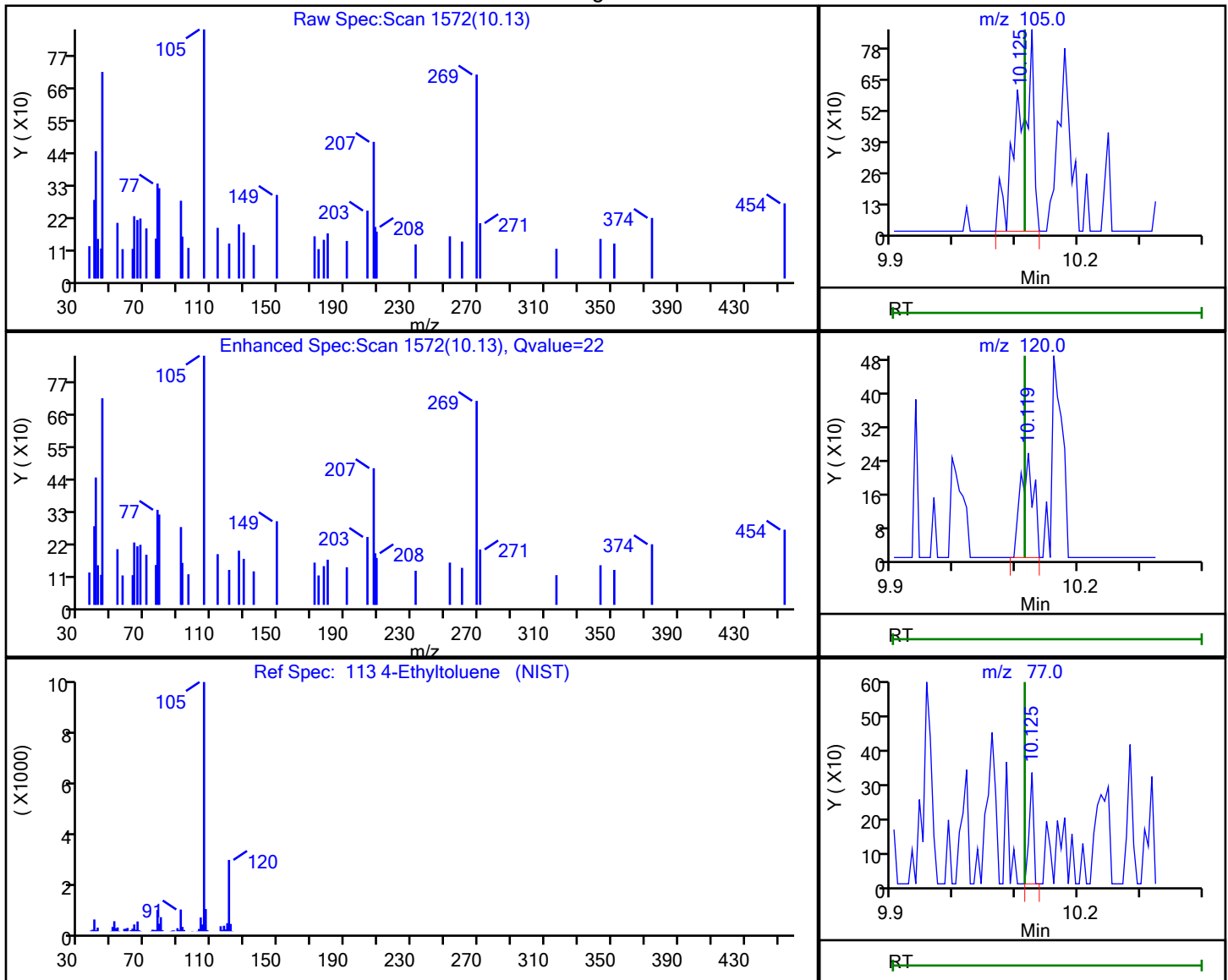
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 113 4-Ethyltoluene, CAS: 622-96-8

## Processing Results



RT	Mass	Response	Amount
10.13	105.00	1420	0.060918
10.12	120.00	358	
10.13	77.00	157	

Reviewer: boykink, 15-Apr-2021 16:38:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

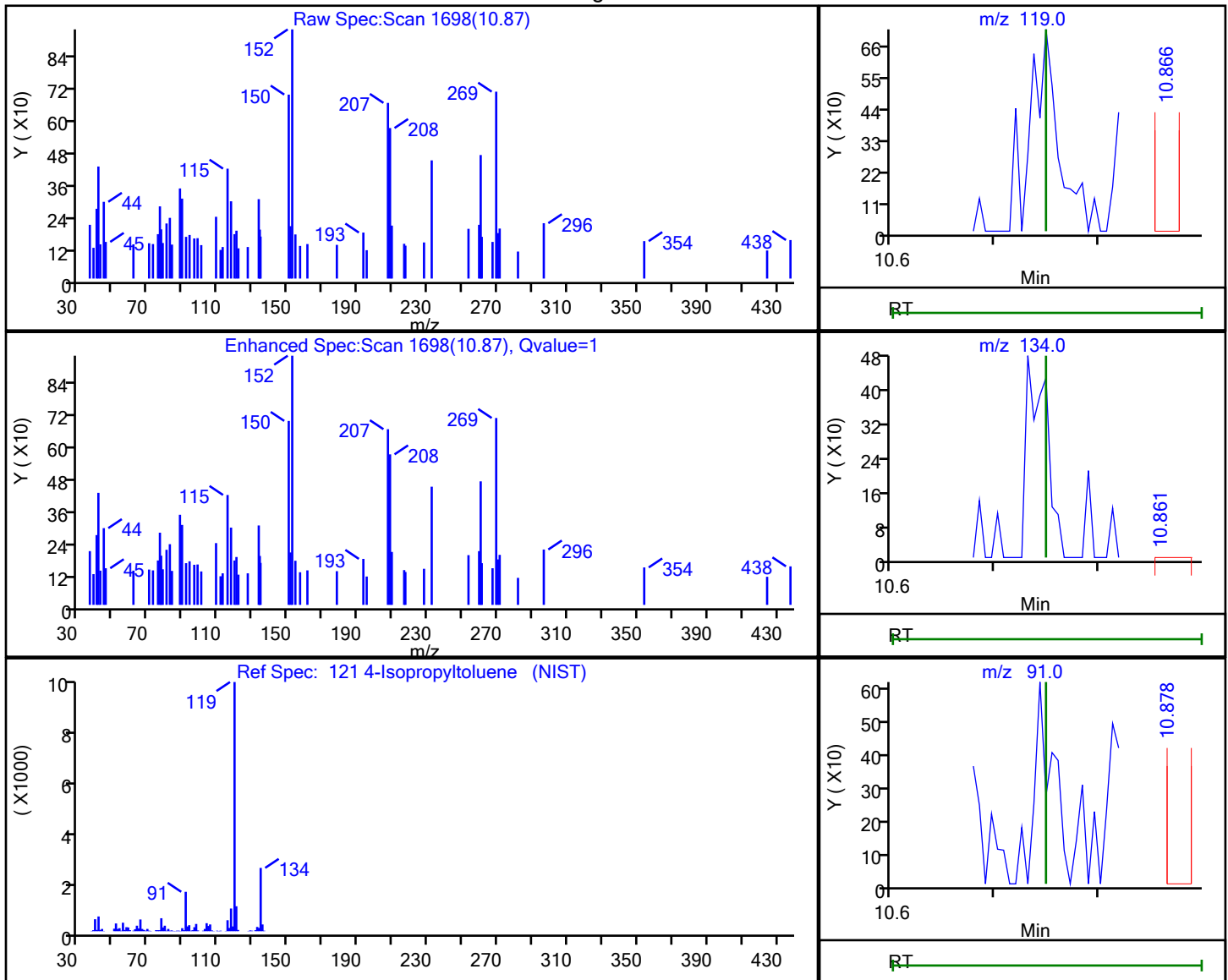
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 121 4-Isopropyltoluene, CAS: 99-87-6

## Processing Results



RT	Mass	Response	Amount
10.87	119.00	106	0.005262
10.86	134.00	287	
10.88	91.00	183	

Reviewer: boykink, 15-Apr-2021 16:38:11

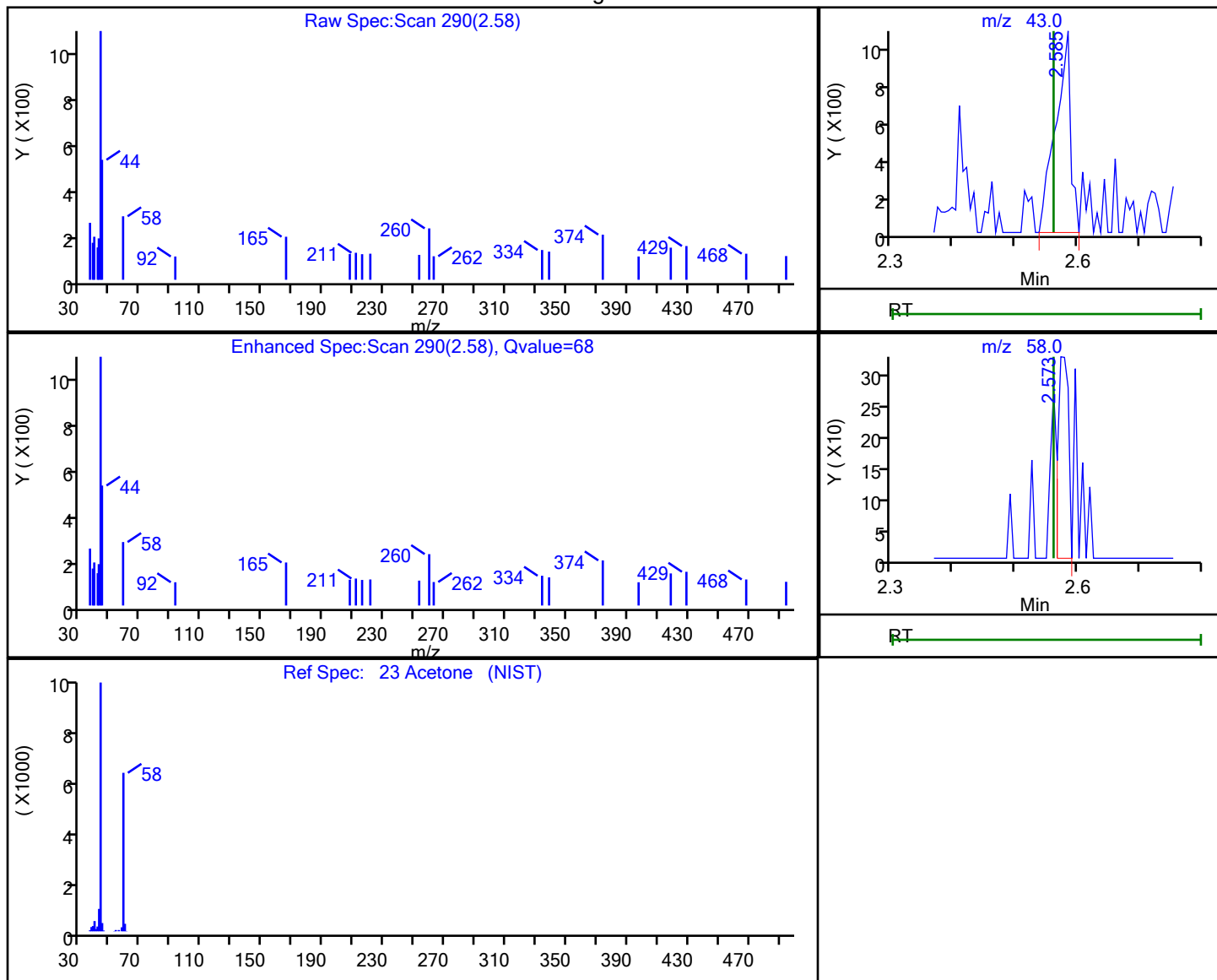
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D		
Injection Date:	15-Apr-2021 15:49:30	Instrument ID:	CVOAMS7
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D V
Column:	Rtx-624 ( 0.25 mm)	Detector	MS Quad

ALS Bottle#: 3 Worklist Smp#: 3  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector MS Quad

## Processing Results



RT	Mass	Response	Amount
2.58	43.00	1813	0.820990
2.57	58.00	378	

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

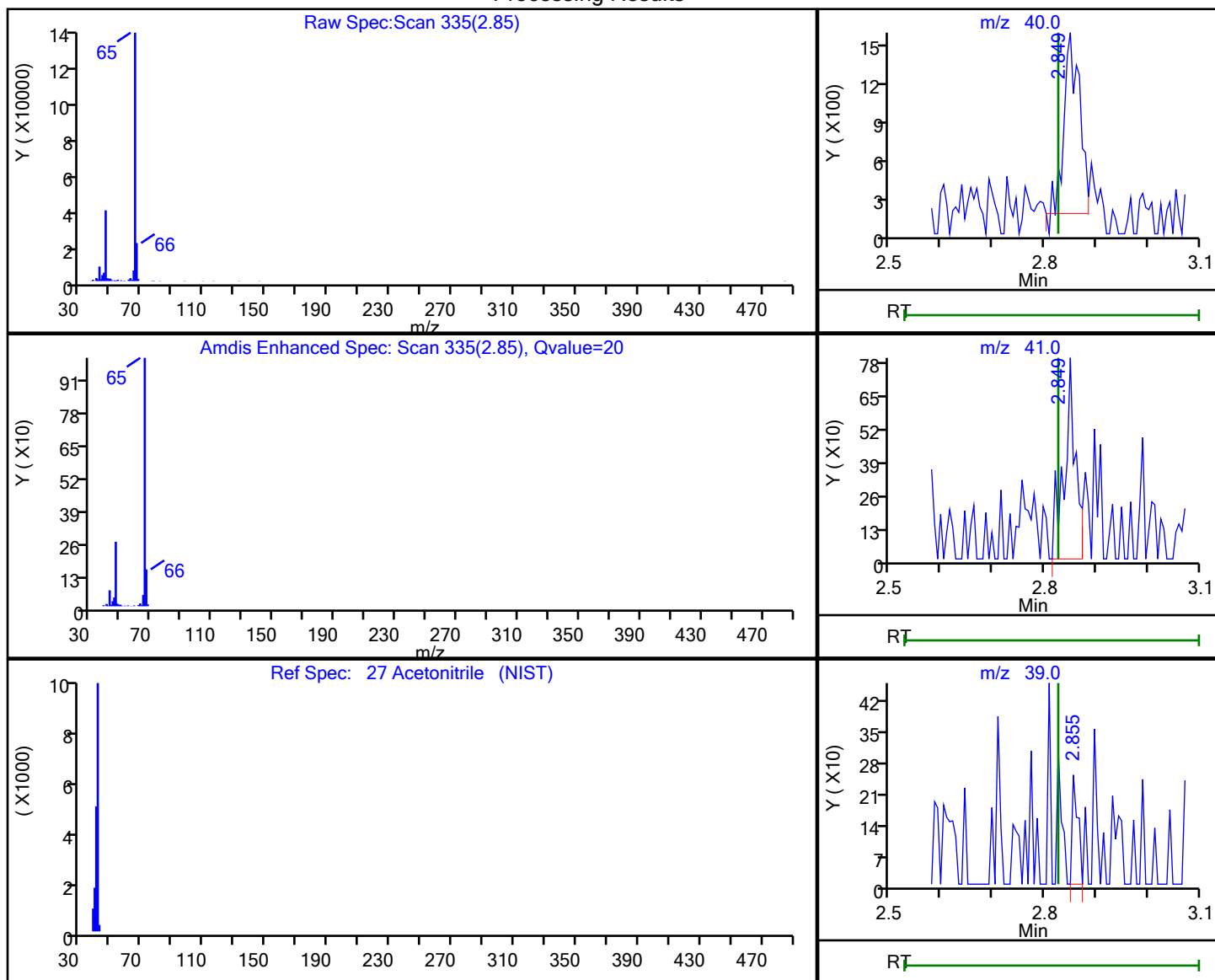
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 27 Acetonitrile, CAS: 75-05-8

## Processing Results



RT	Mass	Response	Amount
2.85	40.00	2876	21.742149
2.85	41.00	1226	
2.86	39.00	192	
2.84	38.00	1115	

Reviewer: boykink, 15-Apr-2021 16:37:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

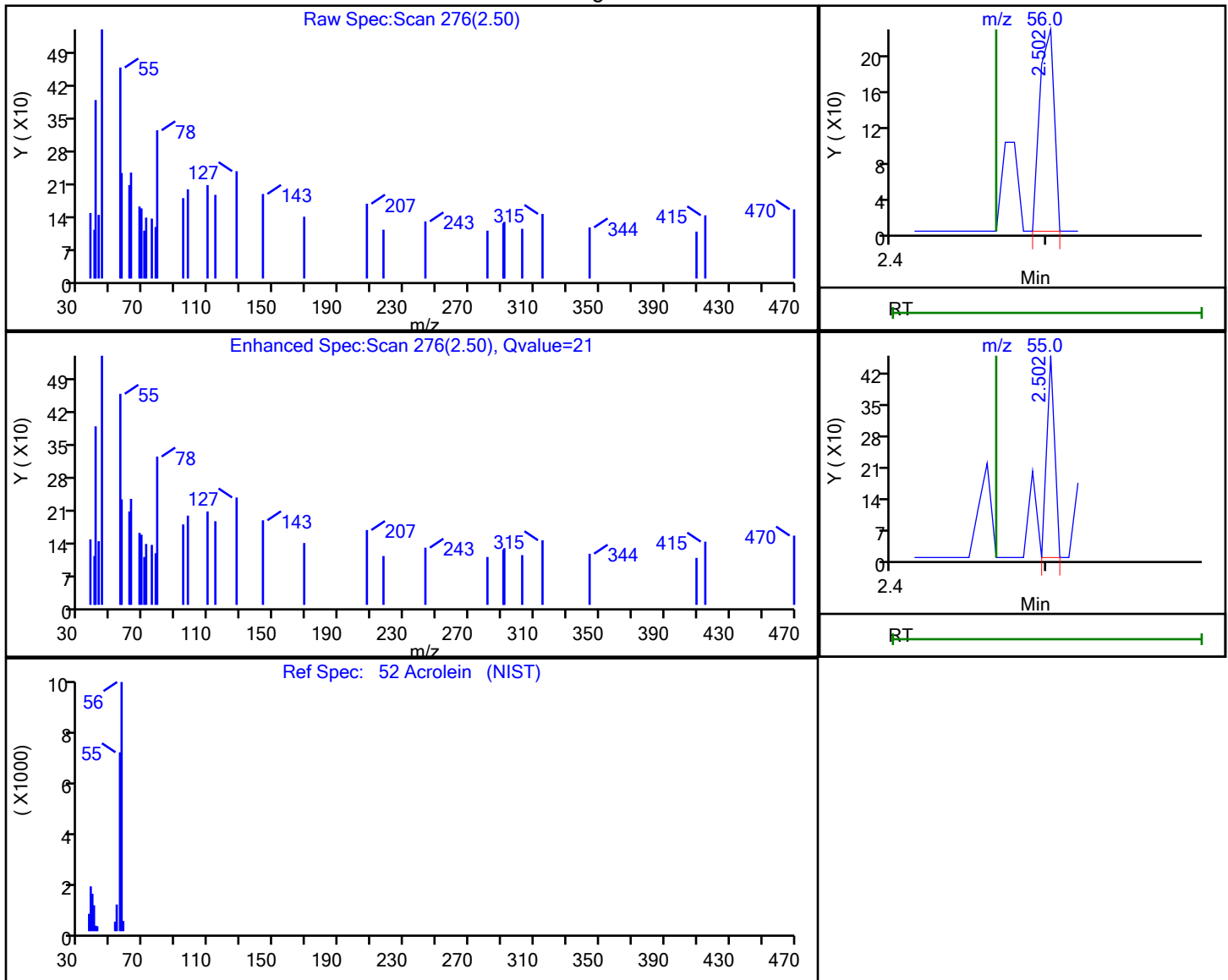
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

## 52 Acrolein, CAS: 107-02-8

## Processing Results



RT	Mass	Response	Amount
2.50	56.00	146	0.261182
2.50	55.00	160	

Reviewer: boykink, 15-Apr-2021 16:37:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

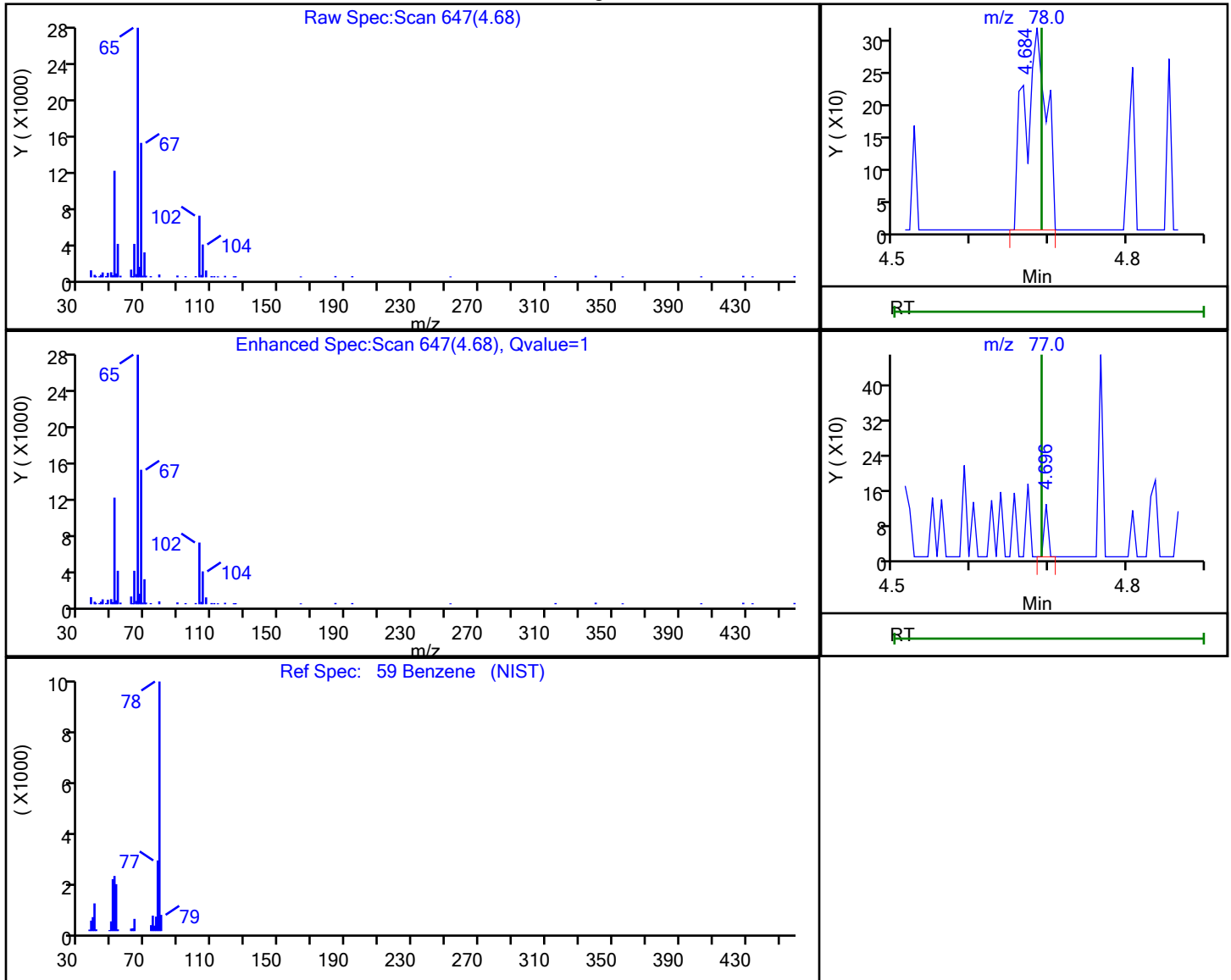
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 59 Benzene, CAS: 71-43-2

## Processing Results



RT	Mass	Response	Amount
4.68	78.00	603	0.026707
4.70	77.00	42	

Reviewer: boykink, 15-Apr-2021 16:37:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

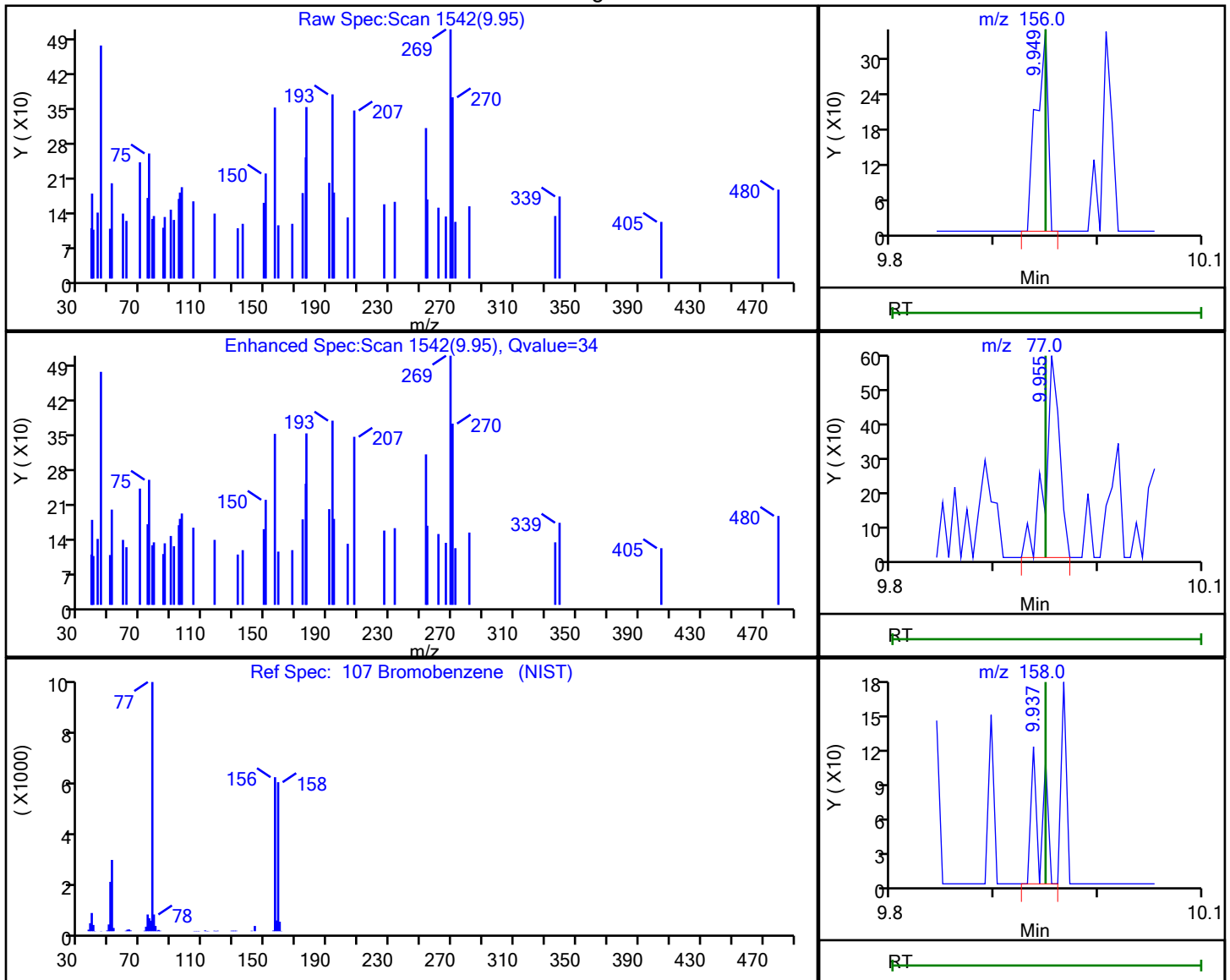
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 107 Bromobenzene, CAS: 108-86-1

## Processing Results



RT	Mass	Response	Amount
9.95	156.00	272	0.054104
9.95	77.00	574	
9.94	158.00	81	

Reviewer: boykink, 15-Apr-2021 16:37:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

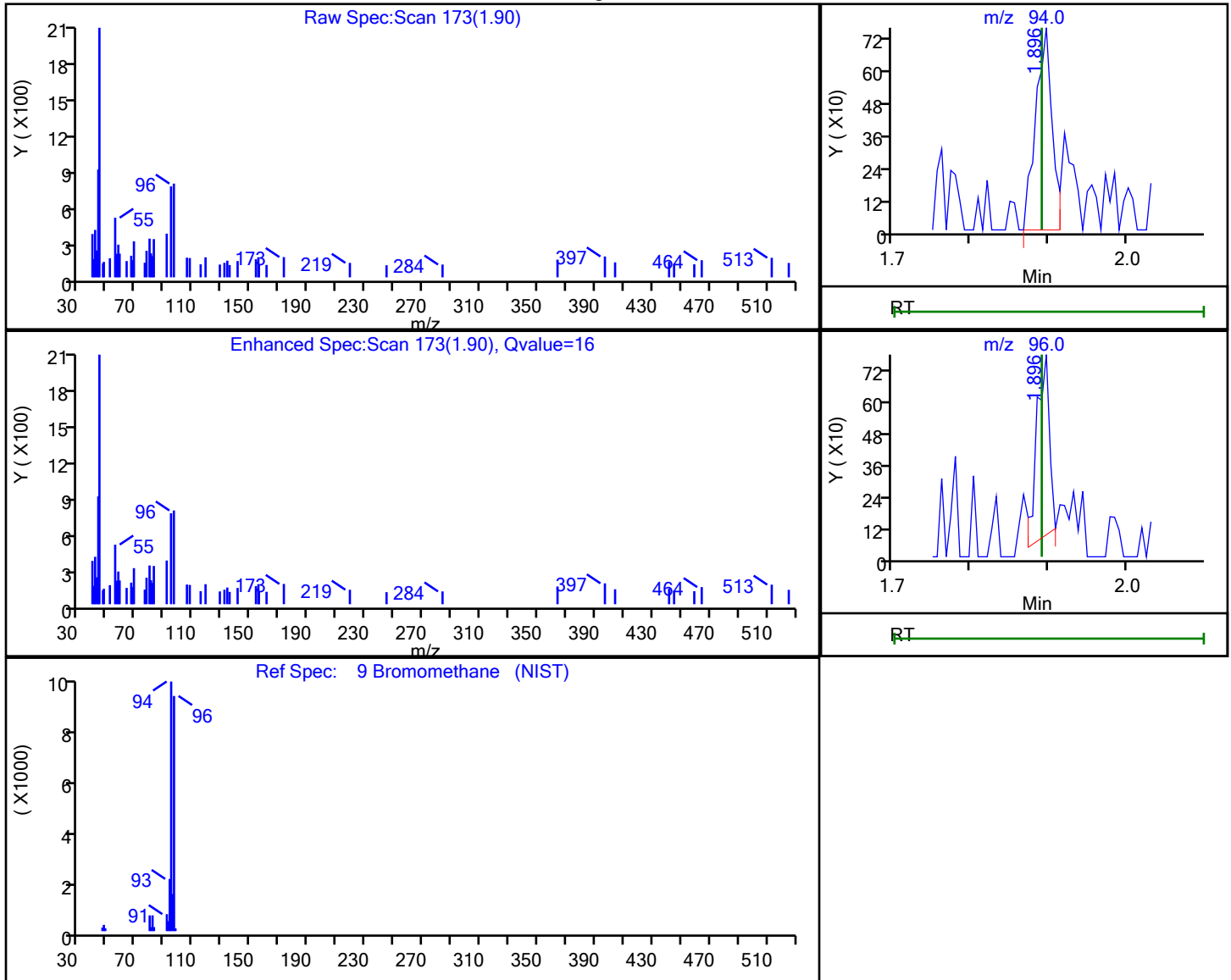
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 9 Bromomethane, CAS: 74-83-9

## Processing Results



RT	Mass	Response	Amount
1.90	94.00	1118	0.266595
1.90	96.00	795	

Reviewer: boykink, 15-Apr-2021 16:37:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

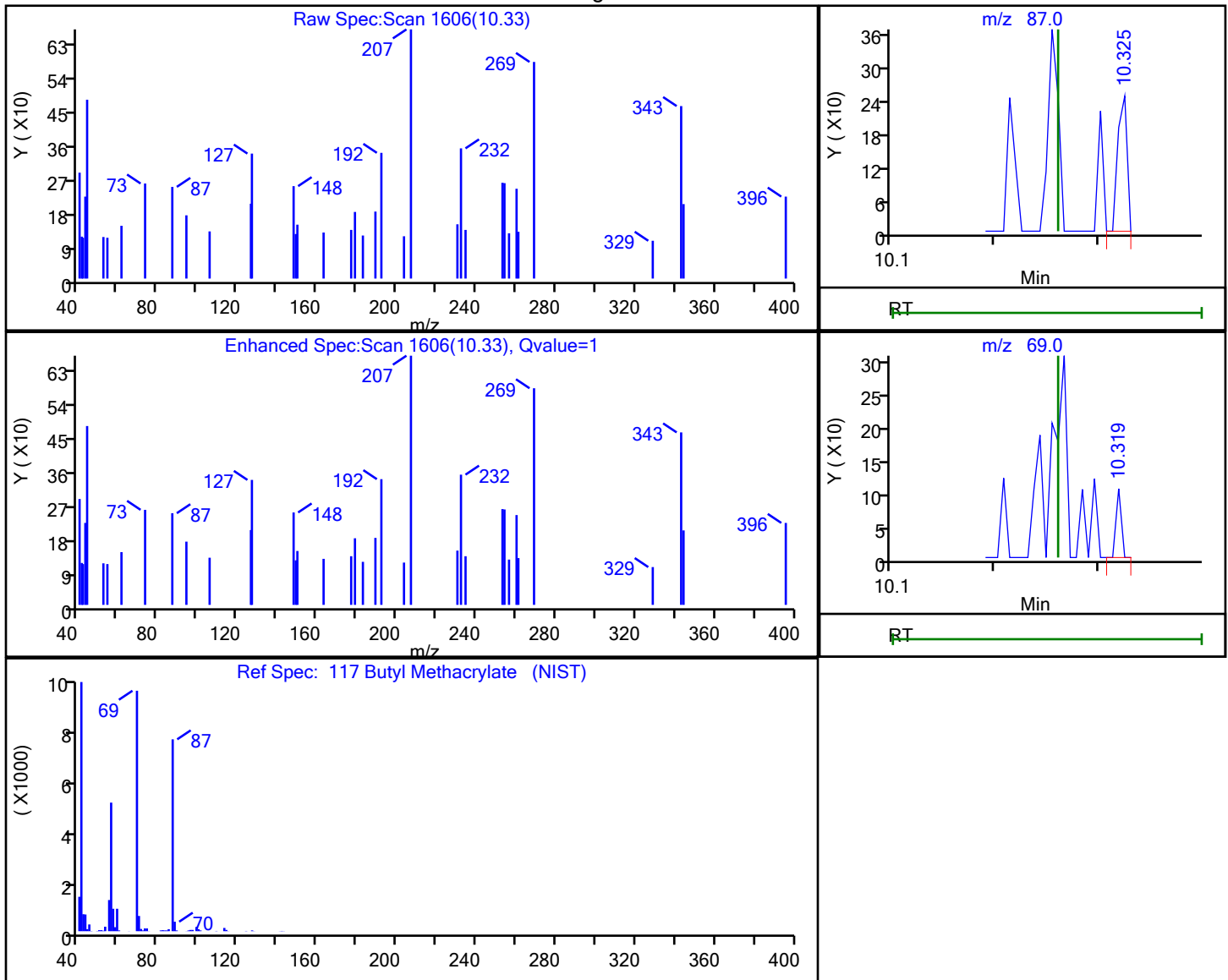
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 117 Butyl Methacrylate, CAS: 97-88-1

## Processing Results



RT	Mass	Response	Amount
10.33	87.00	153	0.024646
10.32	69.00	37	

Reviewer: boykink, 15-Apr-2021 16:38:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

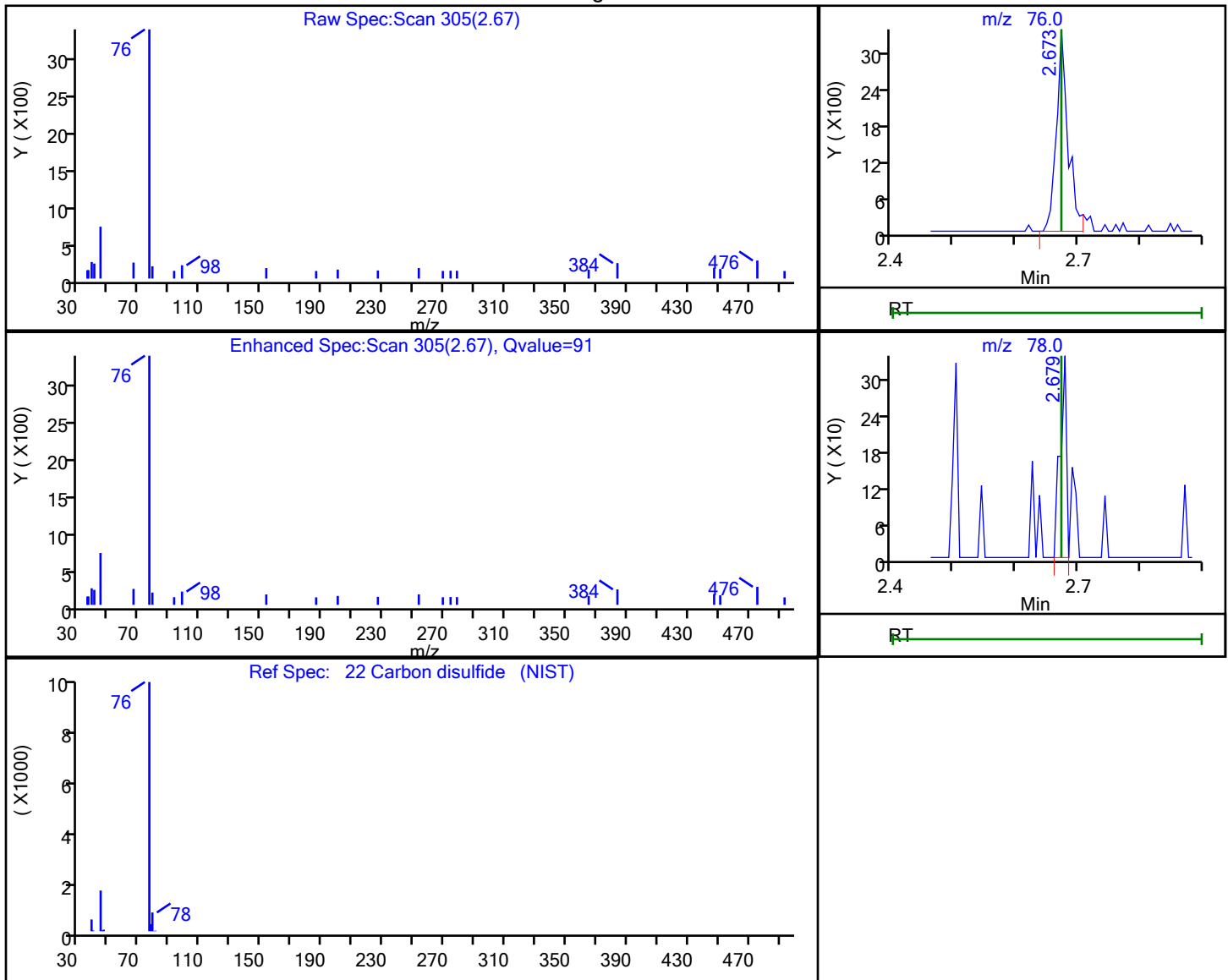
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 22 Carbon disulfide, CAS: 75-15-0

## Processing Results



RT	Mass	Response	Amount
2.67	76.00	4436	0.238412
2.68	78.00	234	

Reviewer: boykink, 15-Apr-2021 16:37:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

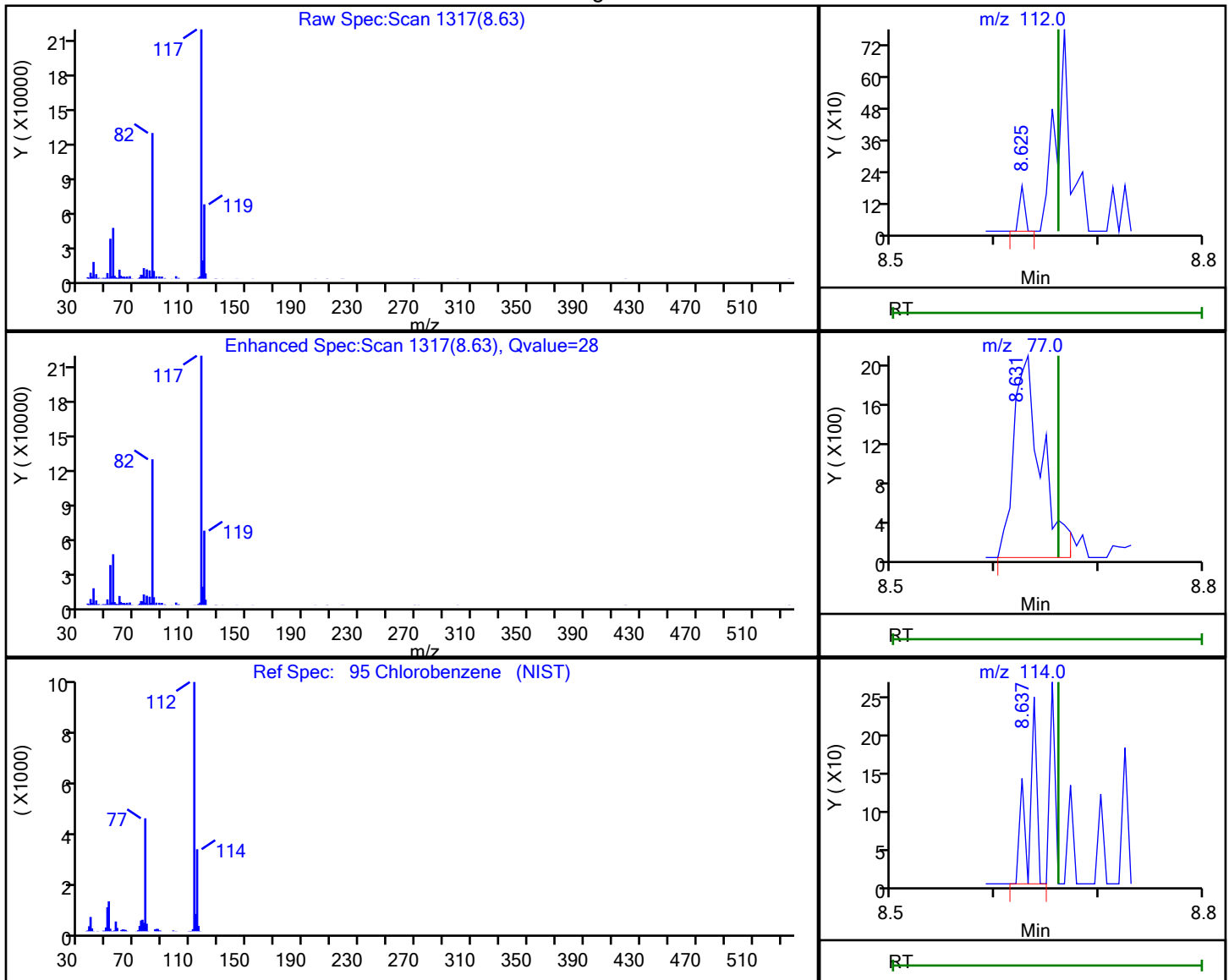
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 95 Chlorobenzene, CAS: 108-90-7

## Processing Results



RT	Mass	Response	Amount
8.63	112.00	61	0.004240
8.63	77.00	3807	
8.64	114.00	138	

Reviewer: boykink, 15-Apr-2021 16:37:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

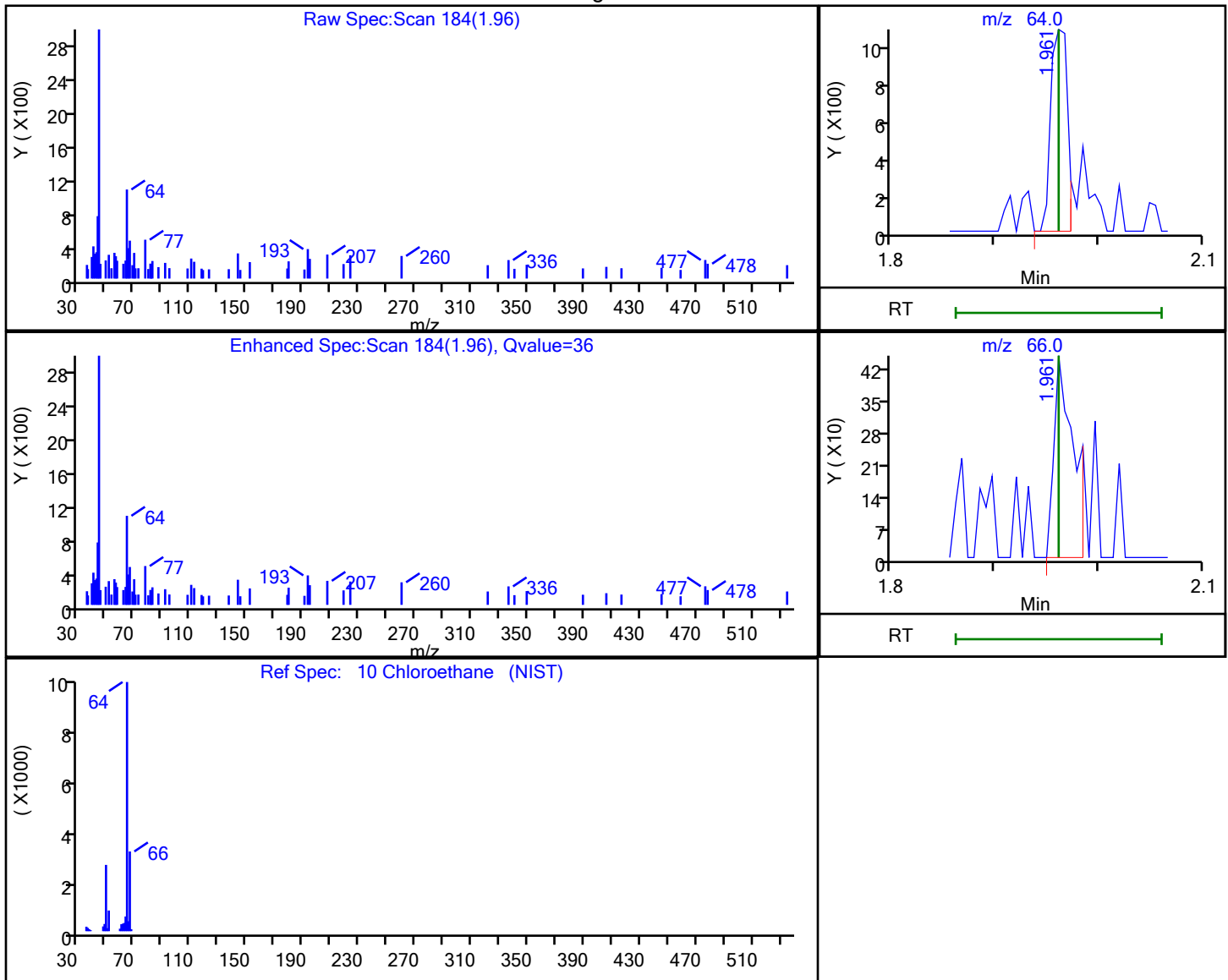
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

## 10 Chloroethane, CAS: 75-00-3

## Processing Results



RT	Mass	Response	Amount
1.96	64.00	1195	0.245718
1.96	66.00	594	

Reviewer: boykink, 15-Apr-2021 16:37:06

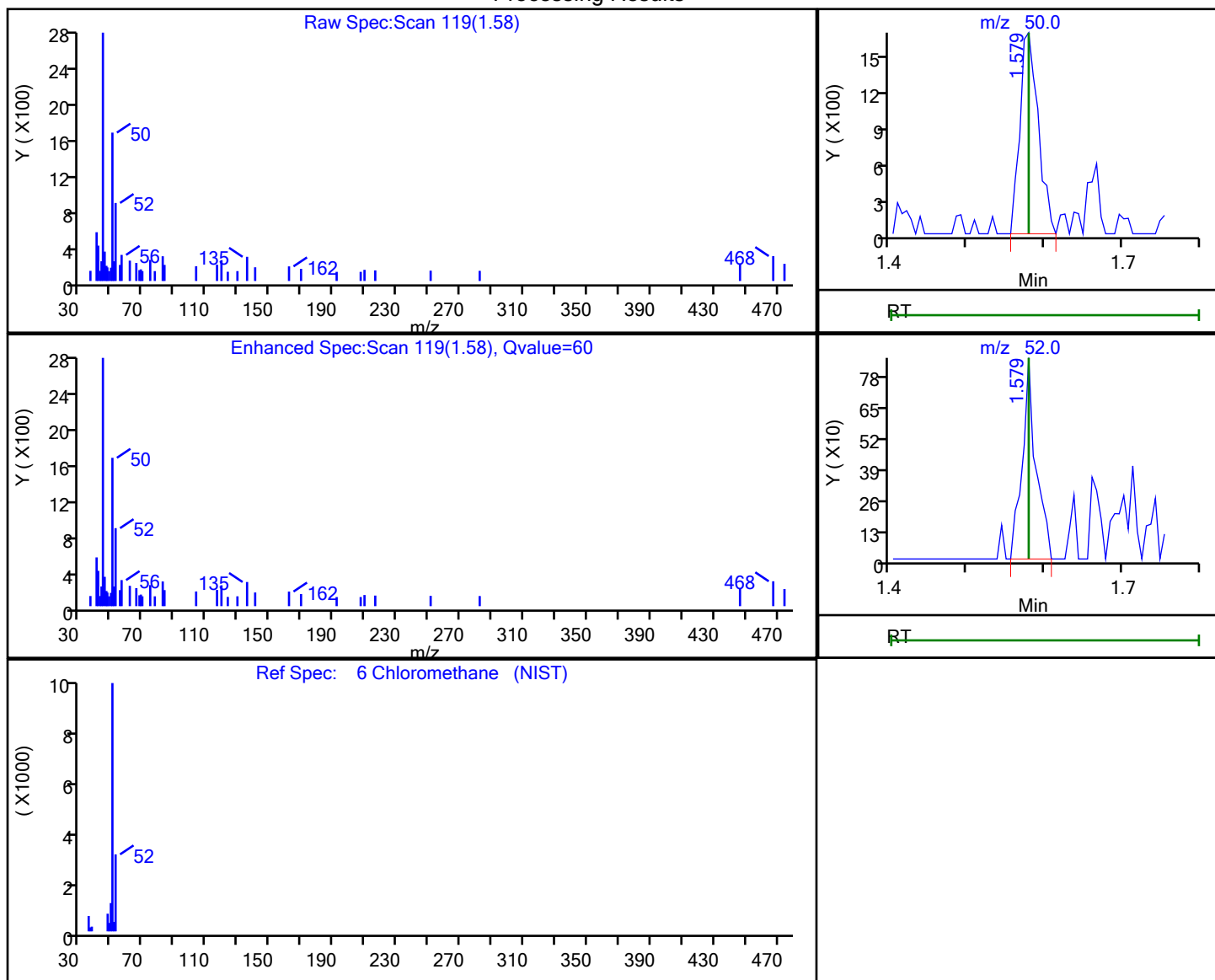
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D		
Injection Date:	15-Apr-2021 15:49:30	Instrument ID:	CVOAMS7
Lims ID:	STD7		
Client ID:			
Operator ID:		ALS Bottle#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D V
Column:	Rtx-624 ( 0.25 mm)	Detector	MS Quad

ALS Bottle#: 3 Worklist Smp#: 3  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector MS Quad

## Processing Results



RT	Mass	Response	Amount
1.58	50.00	2693	0.250000
1.58	52.00	1060	

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

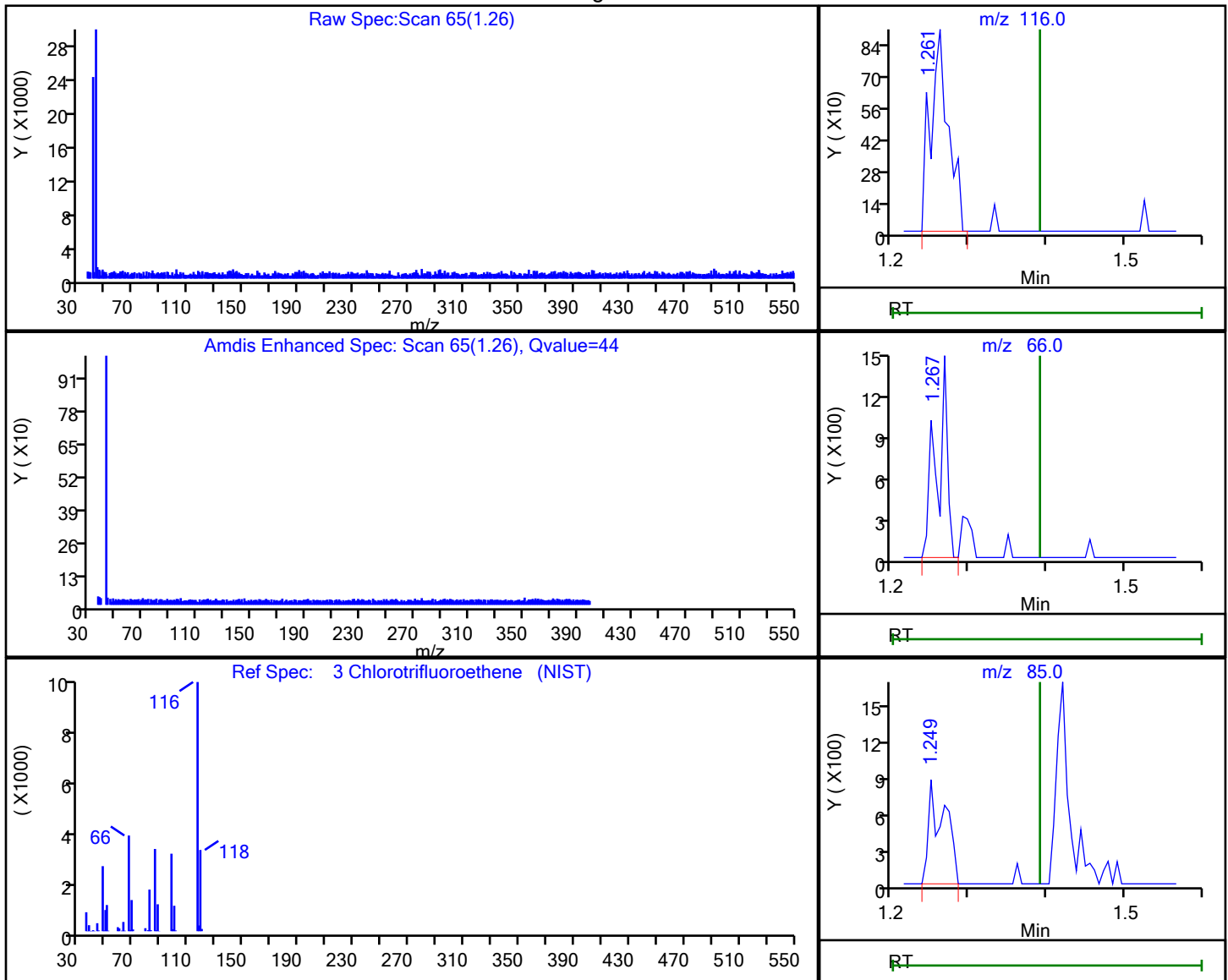
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

**3 Chlorotrifluoroethene, CAS: 79-38-9**

## Processing Results



RT	Mass	Response	Amount
1.26	116.00	1449	0.835993
1.27	66.00	1342	
1.25	85.00	1239	
1.25	118.00	1064	

Reviewer: boykink, 15-Apr-2021 16:36:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

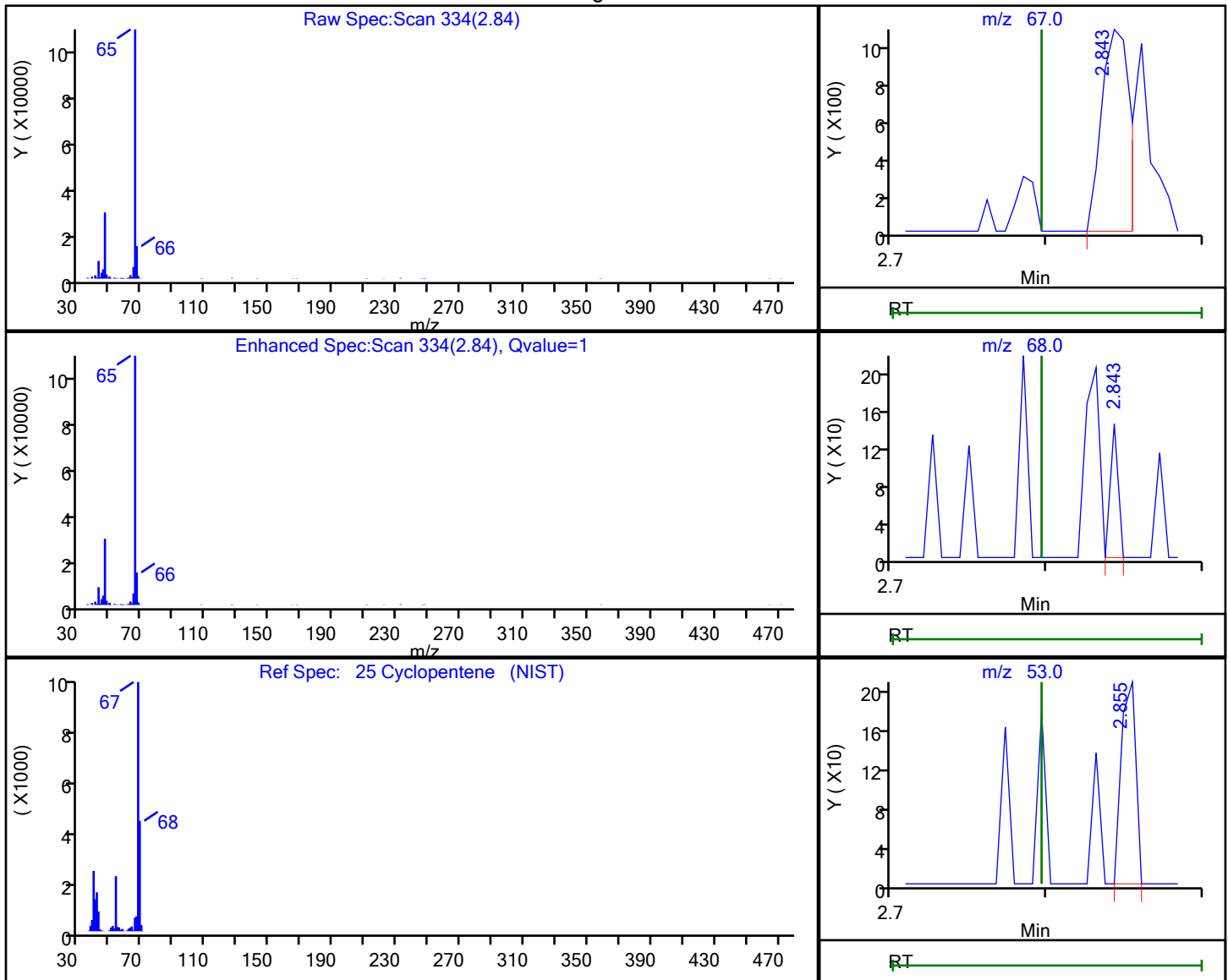
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

## 25 Cyclopentene, CAS: 142-29-0

## Processing Results



RT	Mass	Response	Amount
2.84	67.00	1374	0.097769
2.84	68.00	52	
2.86	53.00	132	

Reviewer: boykink, 15-Apr-2021 16:37:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

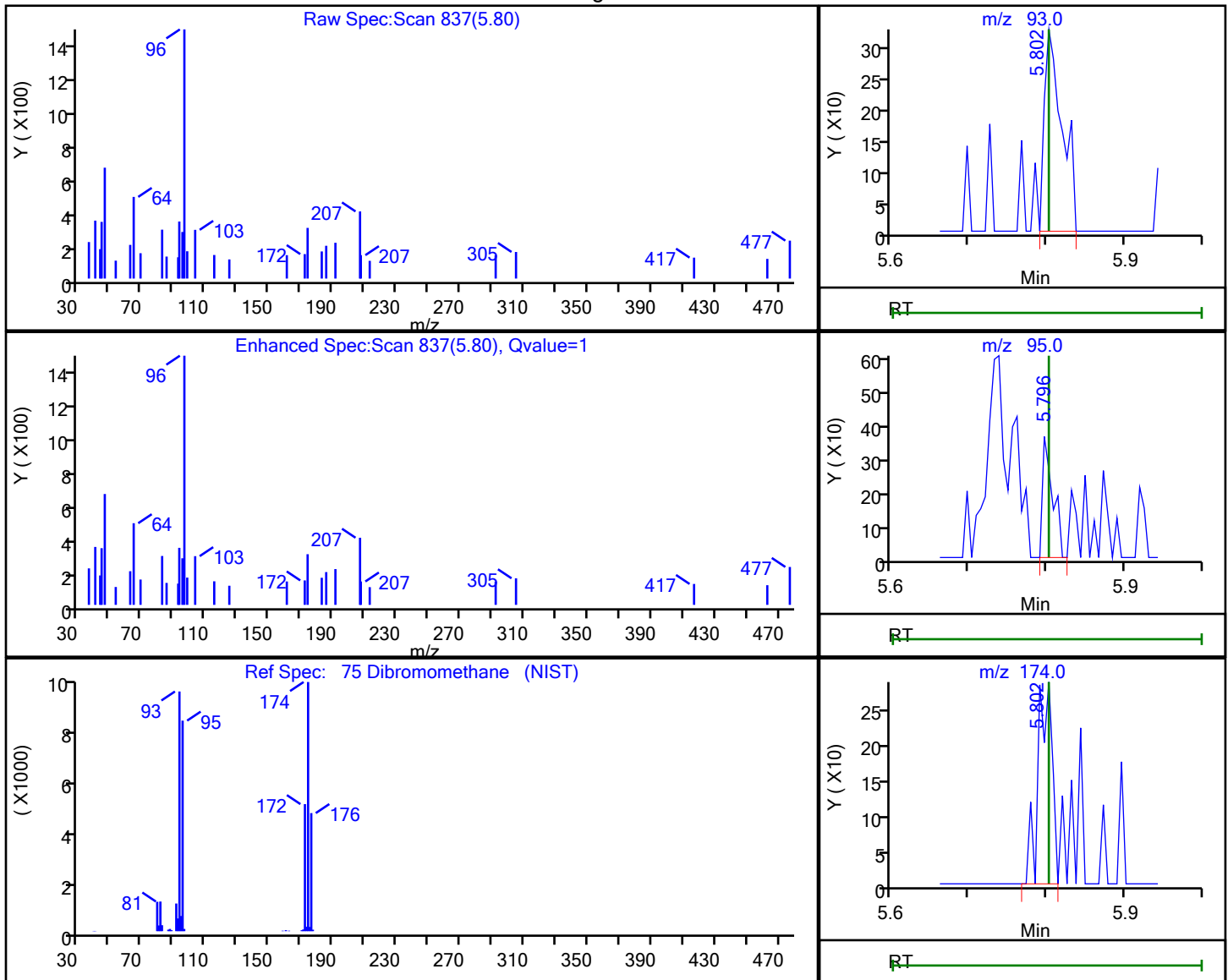
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 75 Dibromomethane, CAS: 74-95-3

## Processing Results



RT	Mass	Response	Amount
5.80	93.00	512	0.171580
5.80	95.00	336	
5.80	174.00	367	

Reviewer: boykink, 15-Apr-2021 16:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

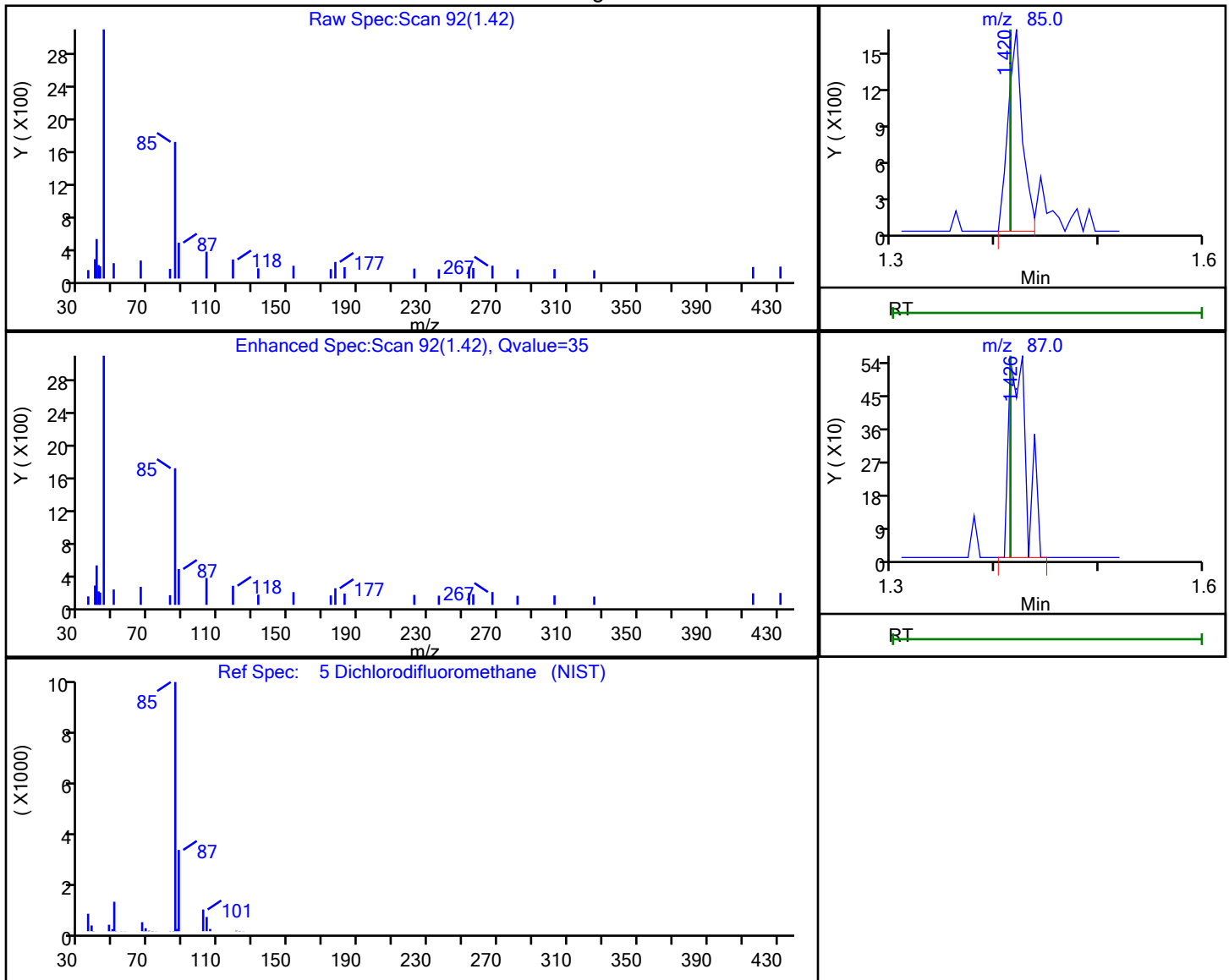
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 5 Dichlorodifluoromethane, CAS: 75-71-8

## Processing Results



RT	Mass	Response	Amount
1.42	85.00	1615	0.258784
1.43	87.00	657	

Reviewer: boykink, 15-Apr-2021 16:36:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

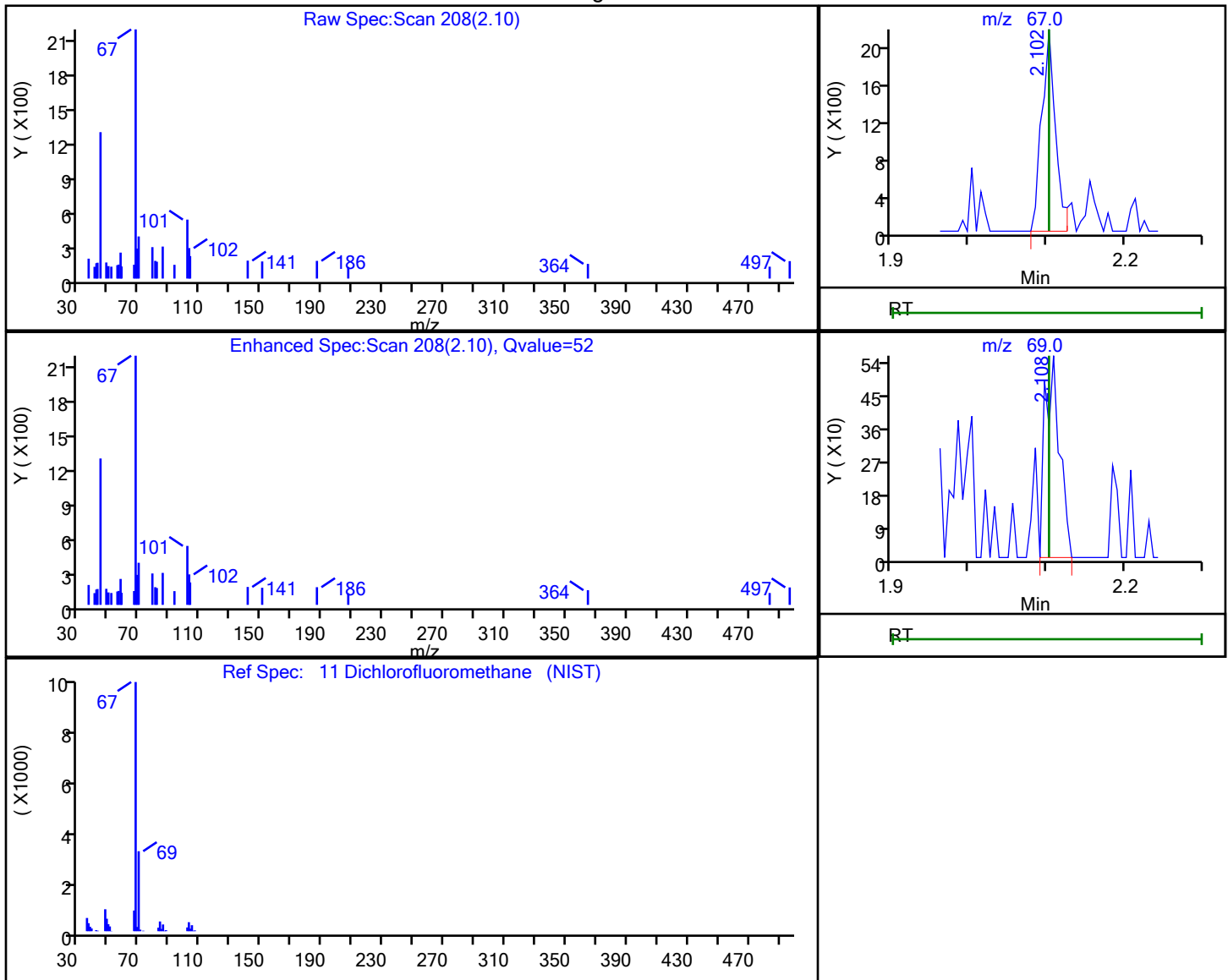
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 11 Dichlorofluoromethane, CAS: 75-43-4

## Processing Results



RT	Mass	Response	Amount
2.10	67.00	2661	0.250000
2.11	69.00	729	

Reviewer: boykink, 15-Apr-2021 16:37:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

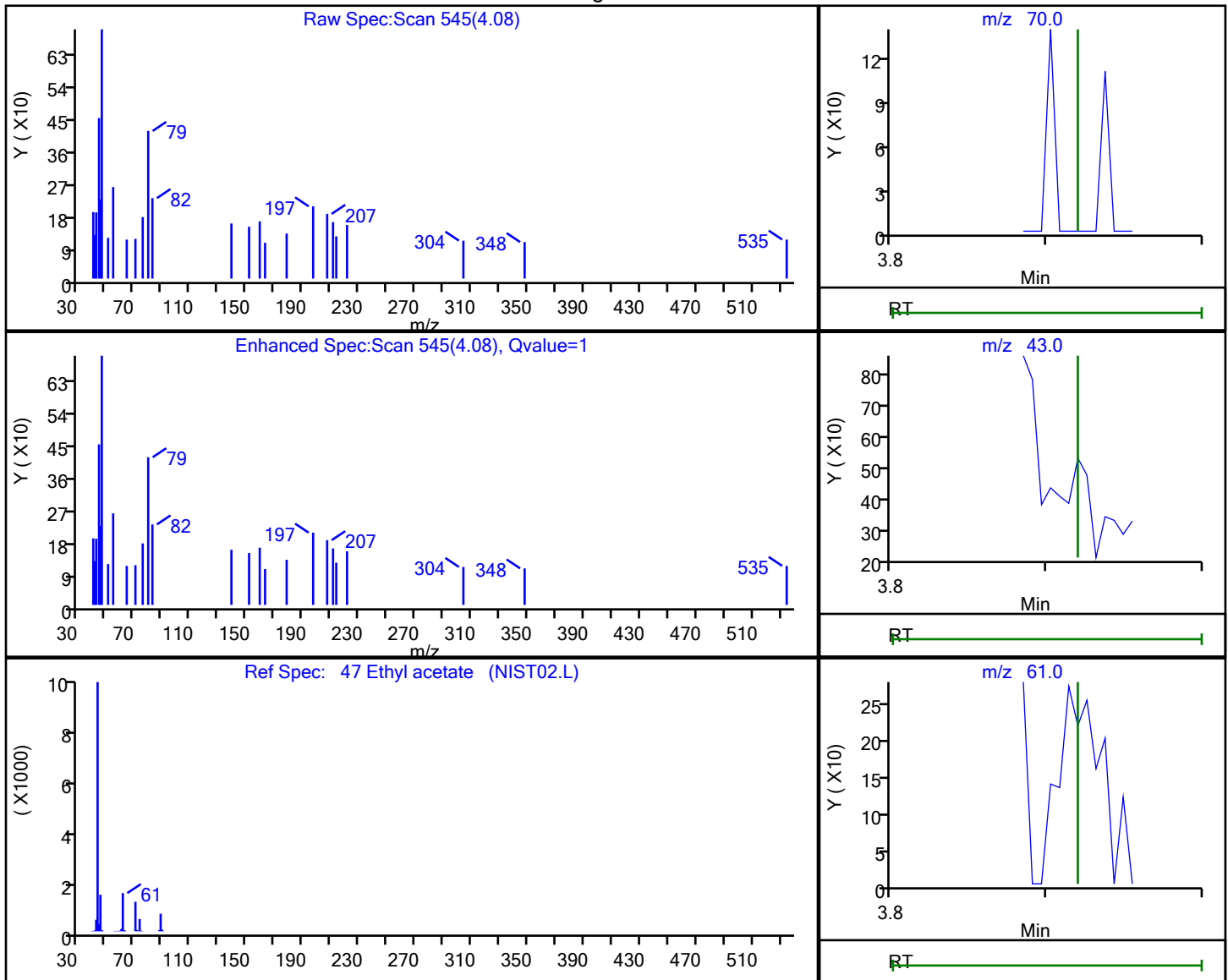
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

## 47 Ethyl acetate, CAS: 141-78-6

## Processing Results



RT	Mass	Response	Amount
4.08	70.00	39	0.051135
4.08	43.00	181	
3.92	61.00	0	

Reviewer: boykink, 15-Apr-2021 16:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

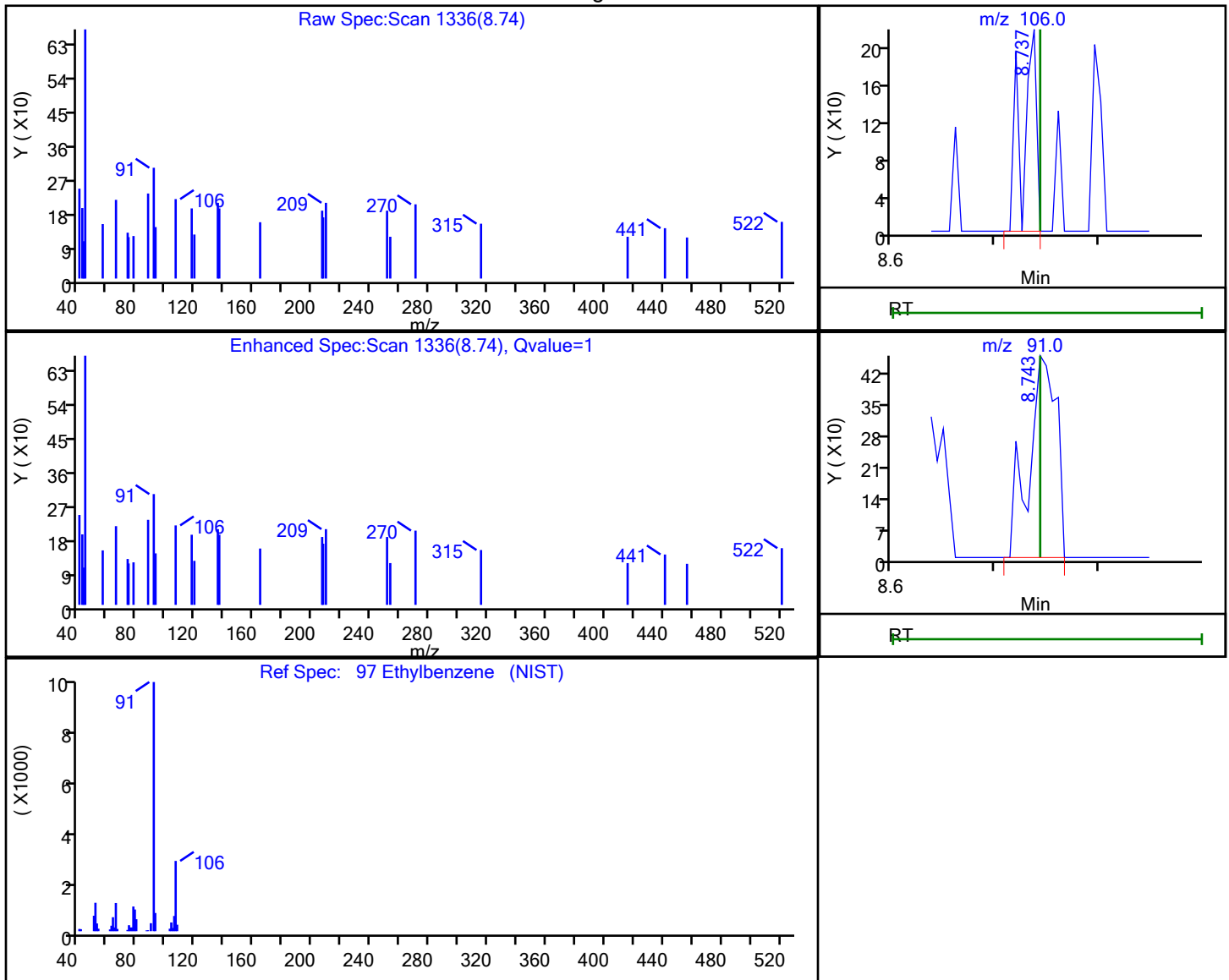
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 97 Ethylbenzene, CAS: 100-41-4

## Processing Results



RT	Mass	Response	Amount
8.74	106.00	199	0.027298
8.74	91.00	853	

Reviewer: boykink, 15-Apr-2021 16:37:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

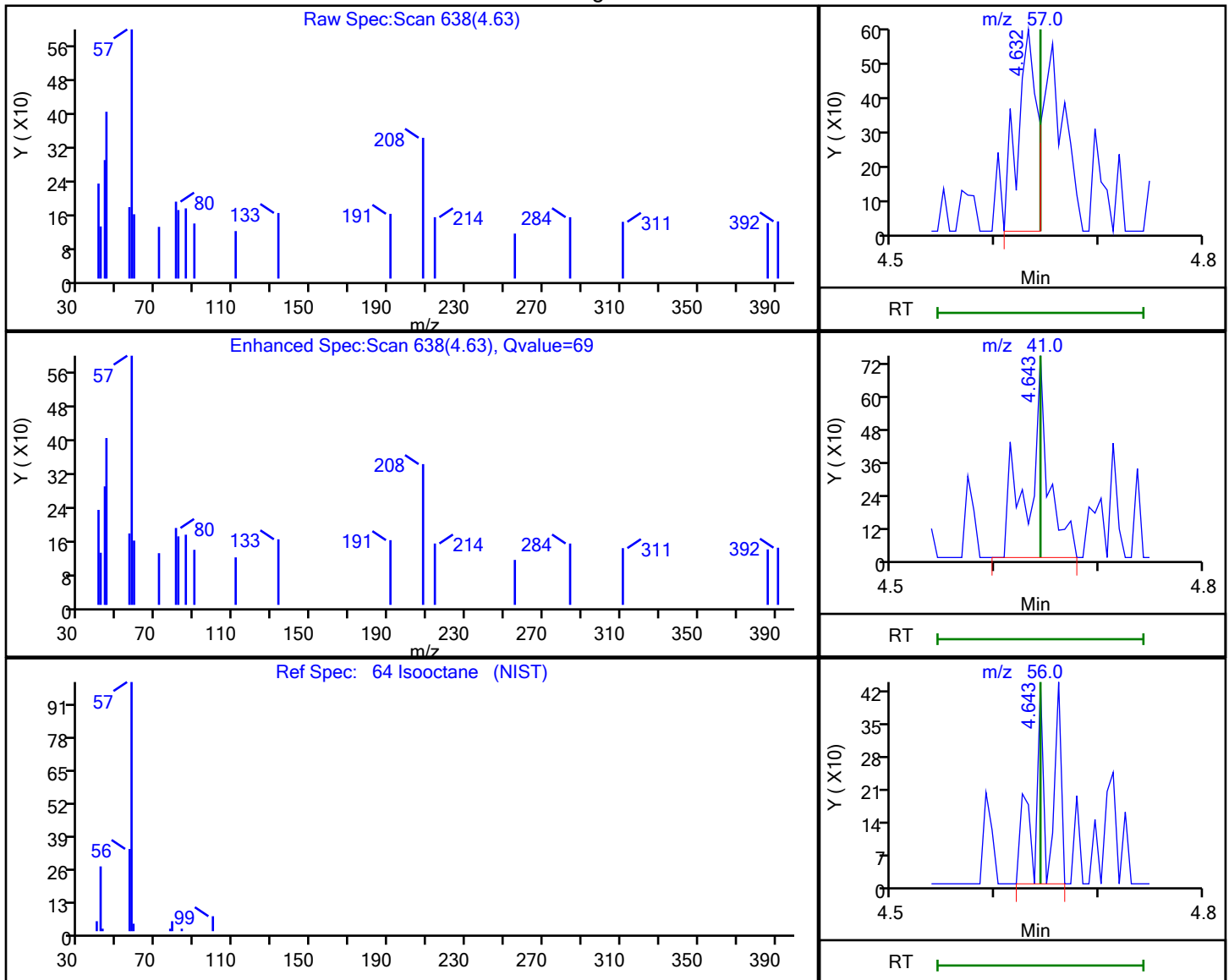
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 64 Isooctane, CAS: 540-84-1

## Processing Results



RT	Mass	Response	Amount
4.63	57.00	791	0.046552
4.64	41.00	987	
4.64	56.00	471	

Reviewer: martineze, 16-Apr-2021 11:30:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

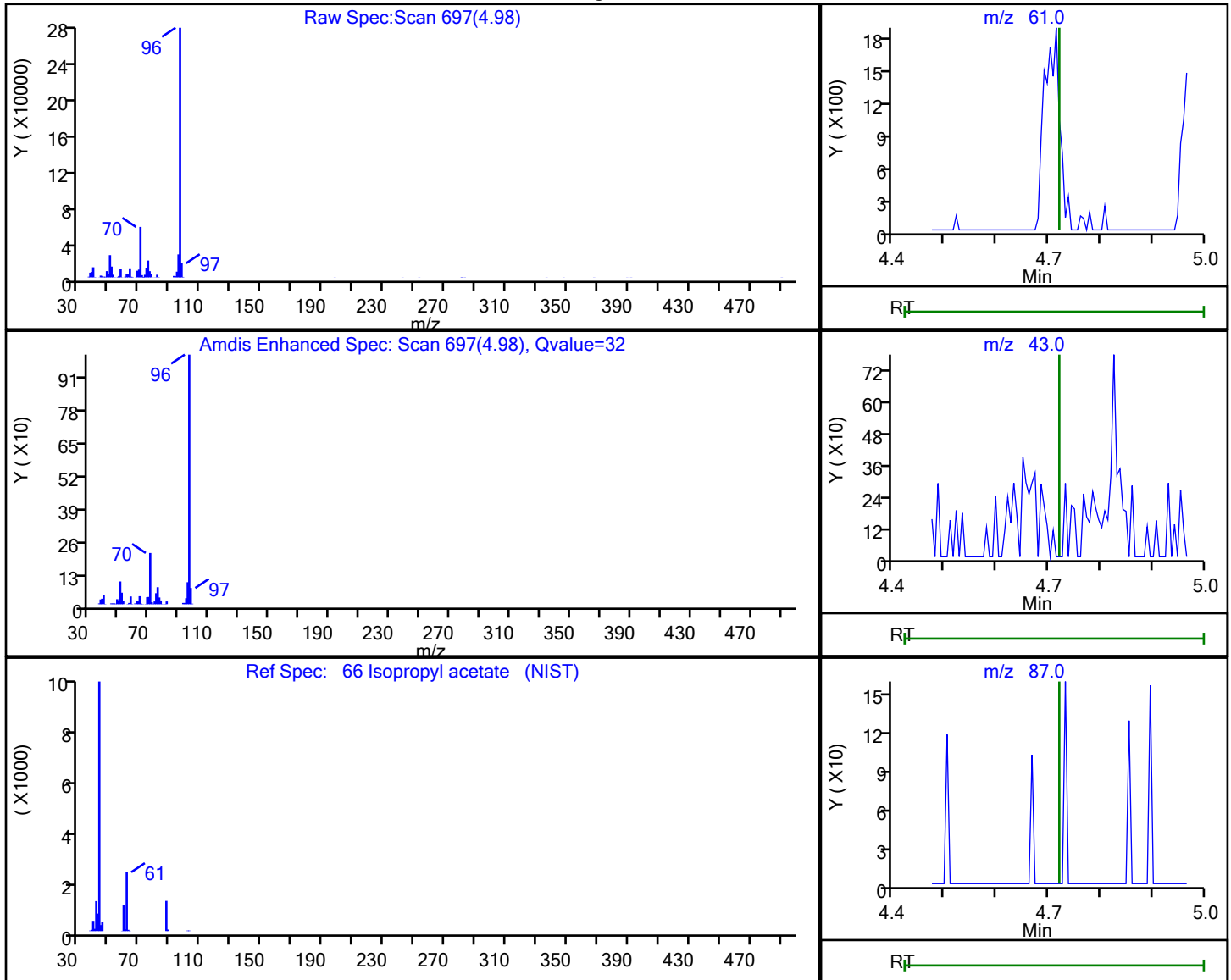
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

## 66 Isopropyl acetate, CAS: 108-21-4

## Processing Results



RT	Mass	Response	Amount
4.98	61.00	6430	1.257339
4.98	43.00	235	
5.01	87.00	94	

Reviewer: boykink, 15-Apr-2021 16:37:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

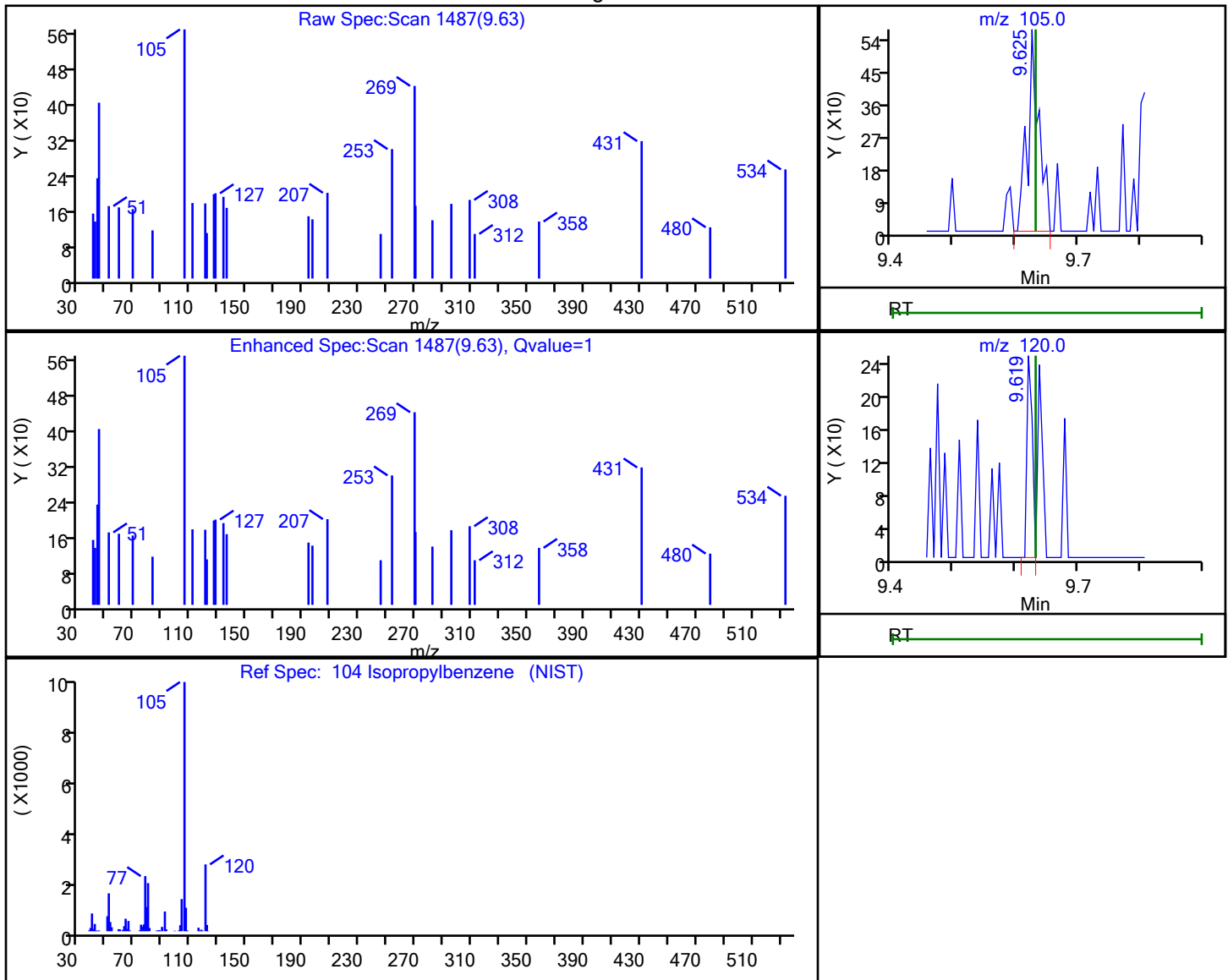
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 104 Isopropylbenzene, CAS: 98-82-8

## Processing Results



RT	Mass	Response	Amount
9.63	105.00	723	0.032201
9.62	120.00	146	

Reviewer: boykink, 15-Apr-2021 16:37:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

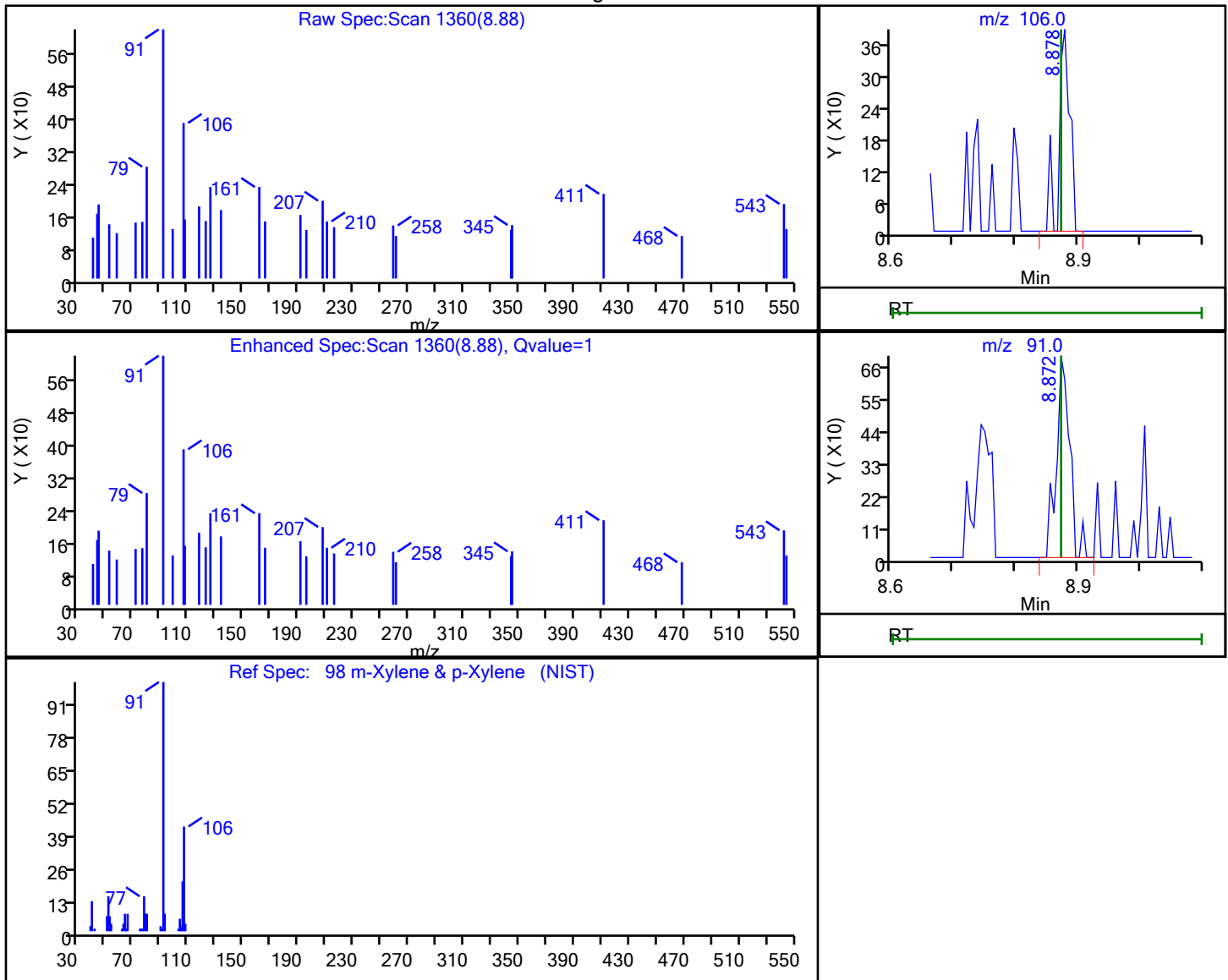
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 98 m-Xylene &amp; p-Xylene, CAS: 179601-23-1

## Processing Results



RT	Mass	Response	Amount
8.88	106.00	468	0.046803
8.87	91.00	1047	

Reviewer: boykink, 15-Apr-2021 16:37:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

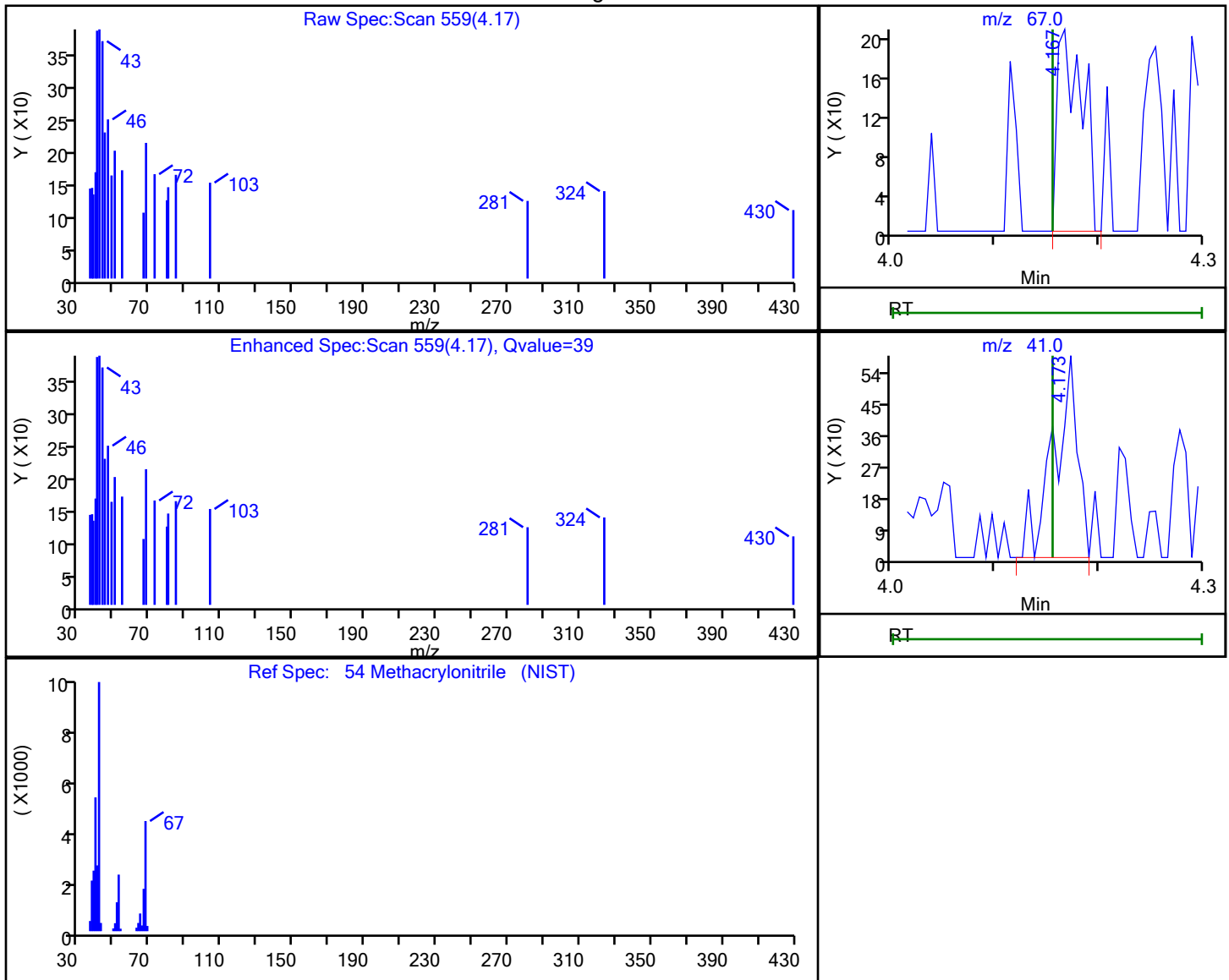
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

## 54 Methacrylonitrile, CAS: 126-98-7

## Processing Results



RT	Mass	Response	Amount
4.17	67.00	347	0.128805
4.17	41.00	945	

Reviewer: boykink, 15-Apr-2021 16:37:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

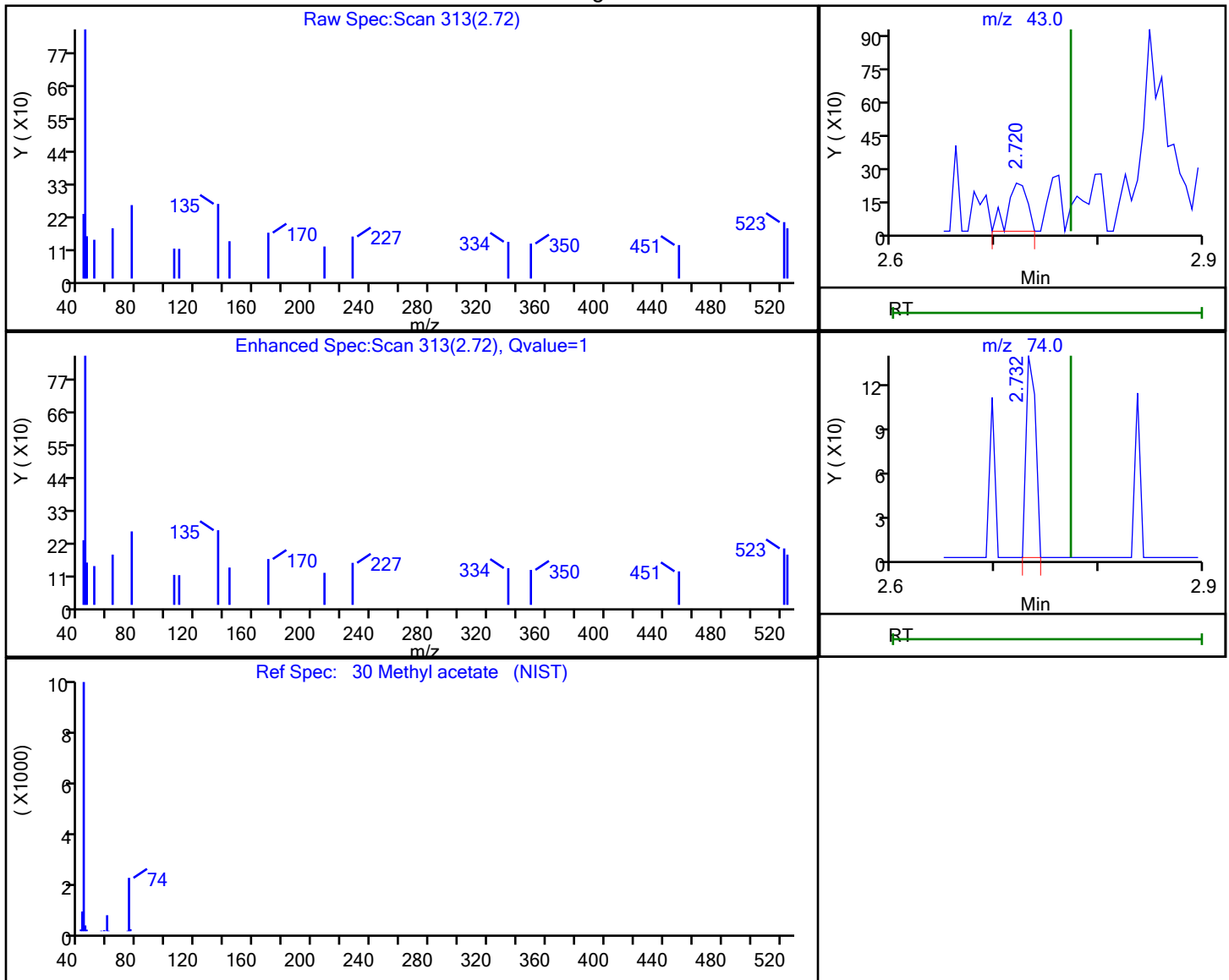
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 30 Methyl acetate, CAS: 79-20-9

## Processing Results



RT	Mass	Response	Amount
2.72	43.00	288	0.069345
2.73	74.00	86	

Reviewer: boykink, 15-Apr-2021 16:37:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

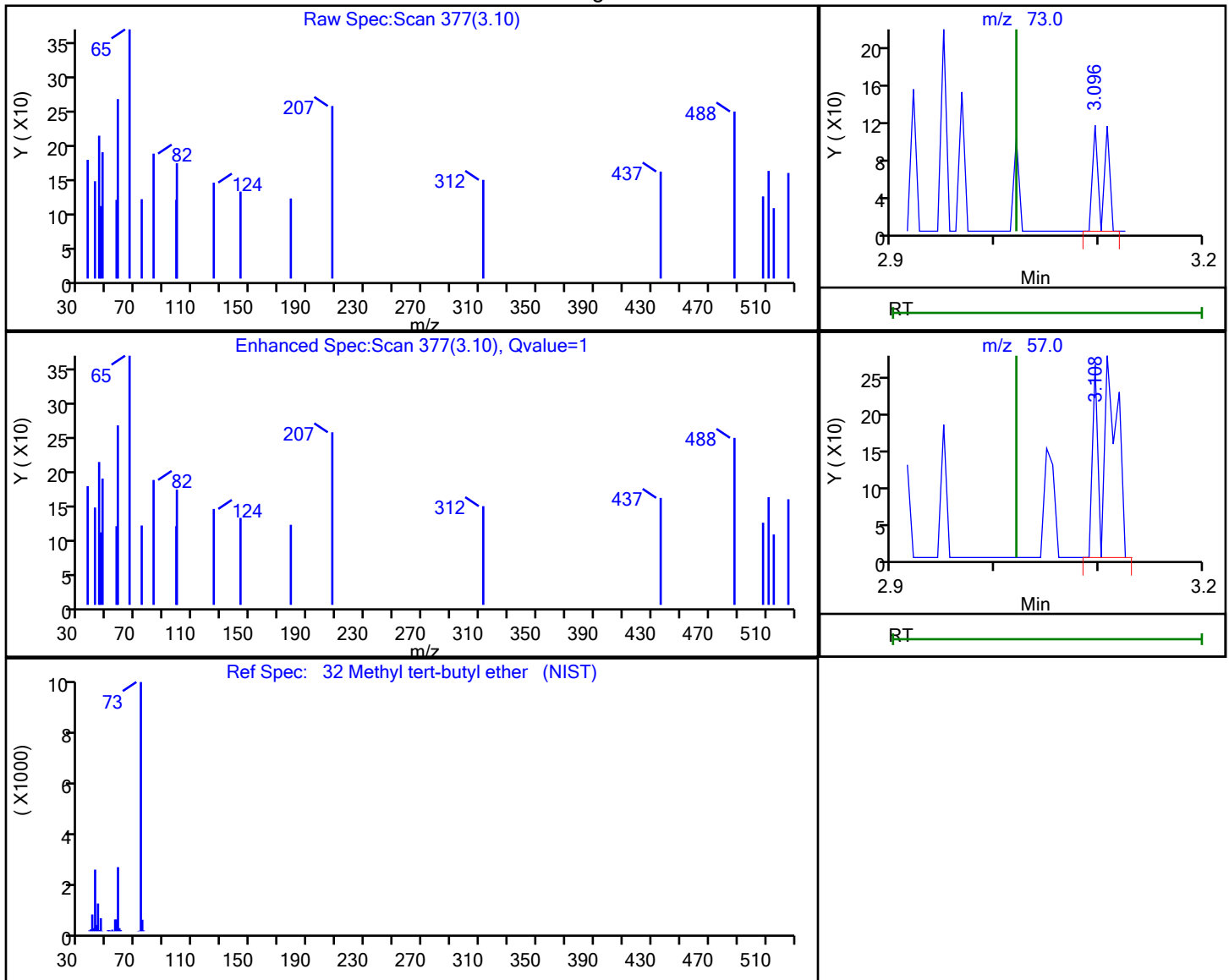
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 32 Methyl tert-butyl ether, CAS: 1634-04-4

## Processing Results



RT	Mass	Response	Amount
3.10	73.00	81	0.005271
3.11	57.00	321	

Reviewer: boykink, 15-Apr-2021 16:37:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

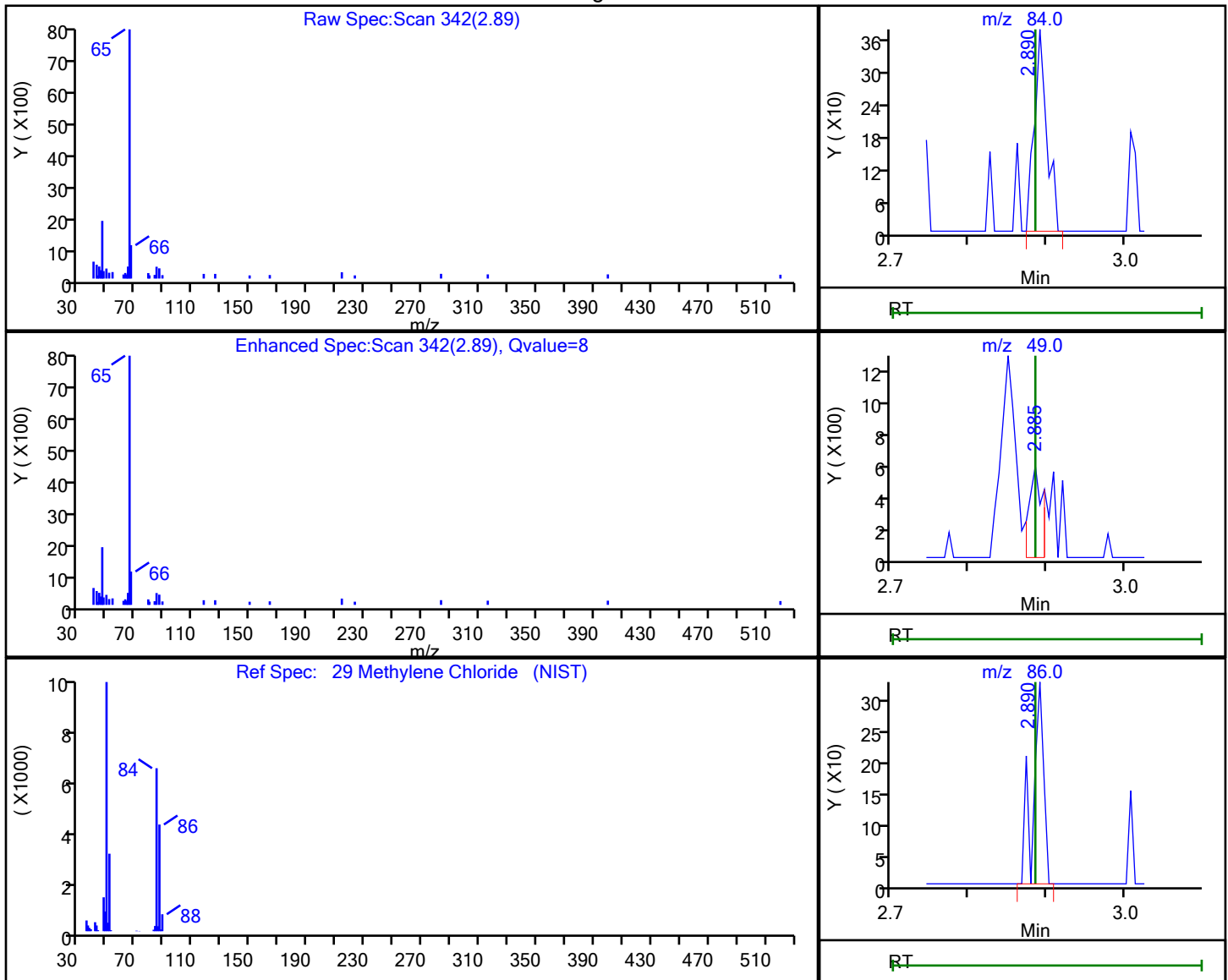
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 29 Methylene Chloride, CAS: 75-09-2

## Processing Results



RT	Mass	Response	Amount
2.89	84.00	425	0.073321
2.88	49.00	664	
2.89	86.00	311	

Reviewer: boykink, 15-Apr-2021 16:37:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

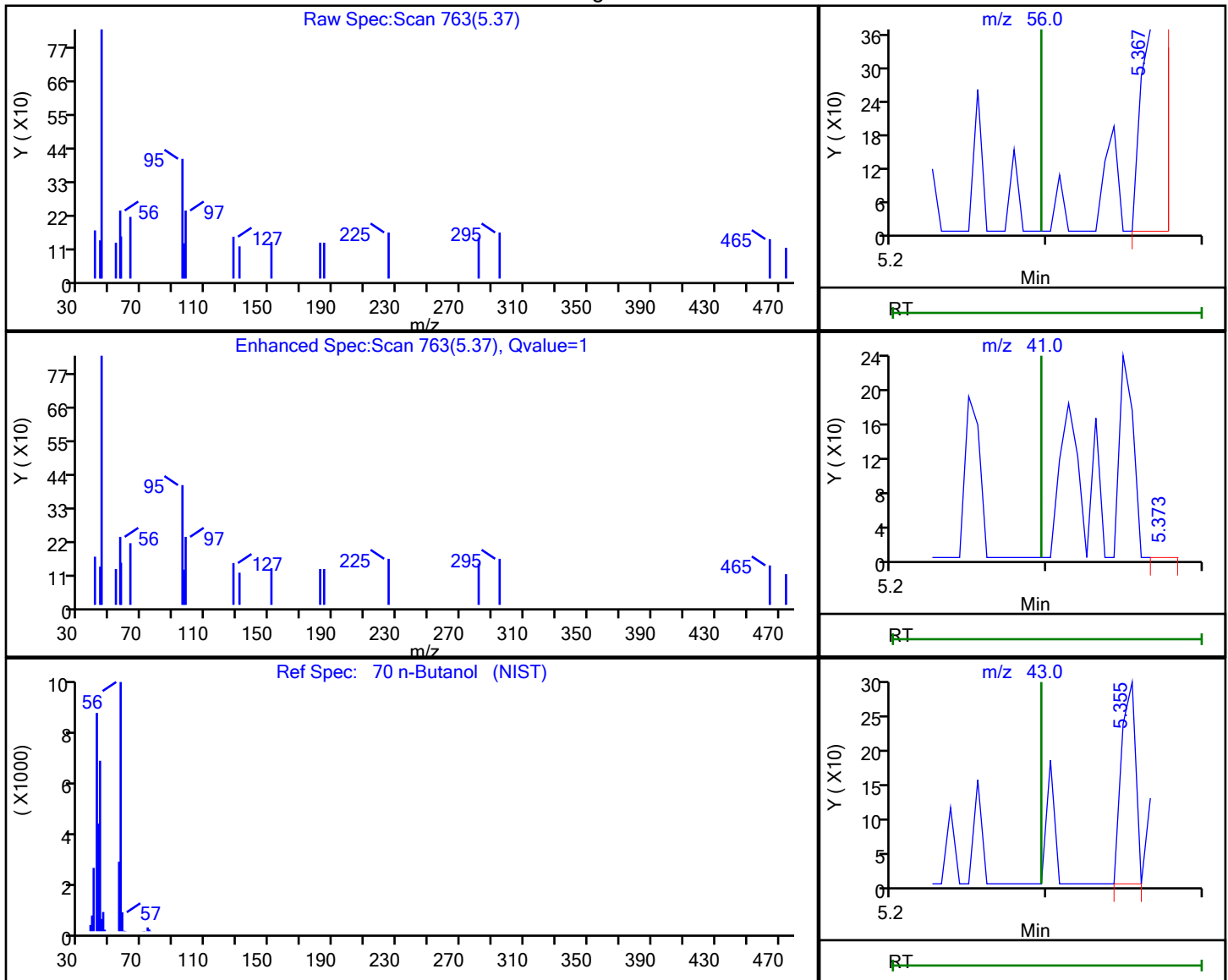
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

## 70 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
5.37	56.00	341	12.633108
5.37	41.00	112	
5.35	43.00	189	

Reviewer: boykink, 15-Apr-2021 16:37:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

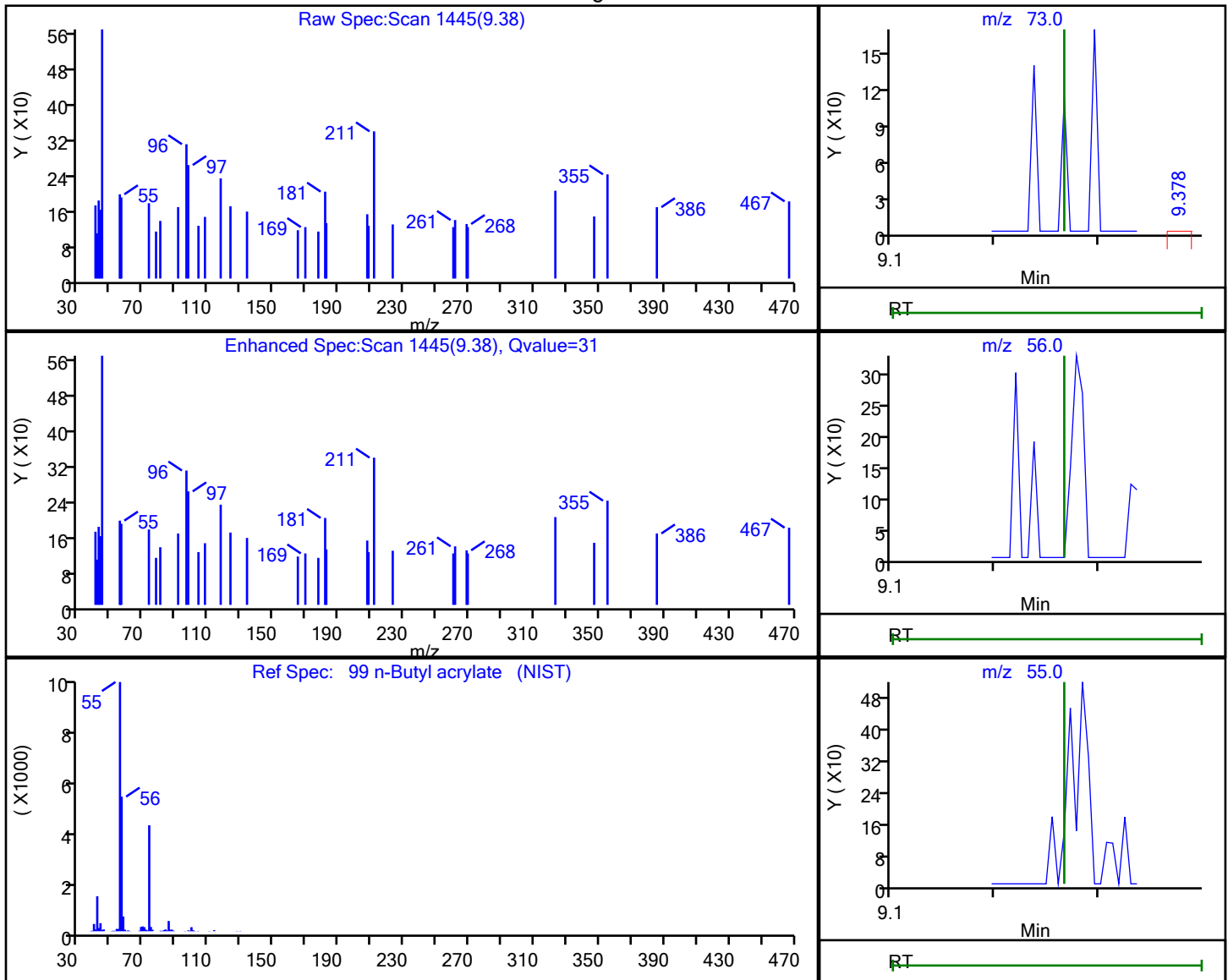
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 99 n-Butyl acrylate, CAS: 141-32-2

## Processing Results



RT	Mass	Response	Amount
9.38	73.00	118	0.031324
9.39	56.00	183	
9.38	55.00	181	

Reviewer: boykink, 15-Apr-2021 16:37:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

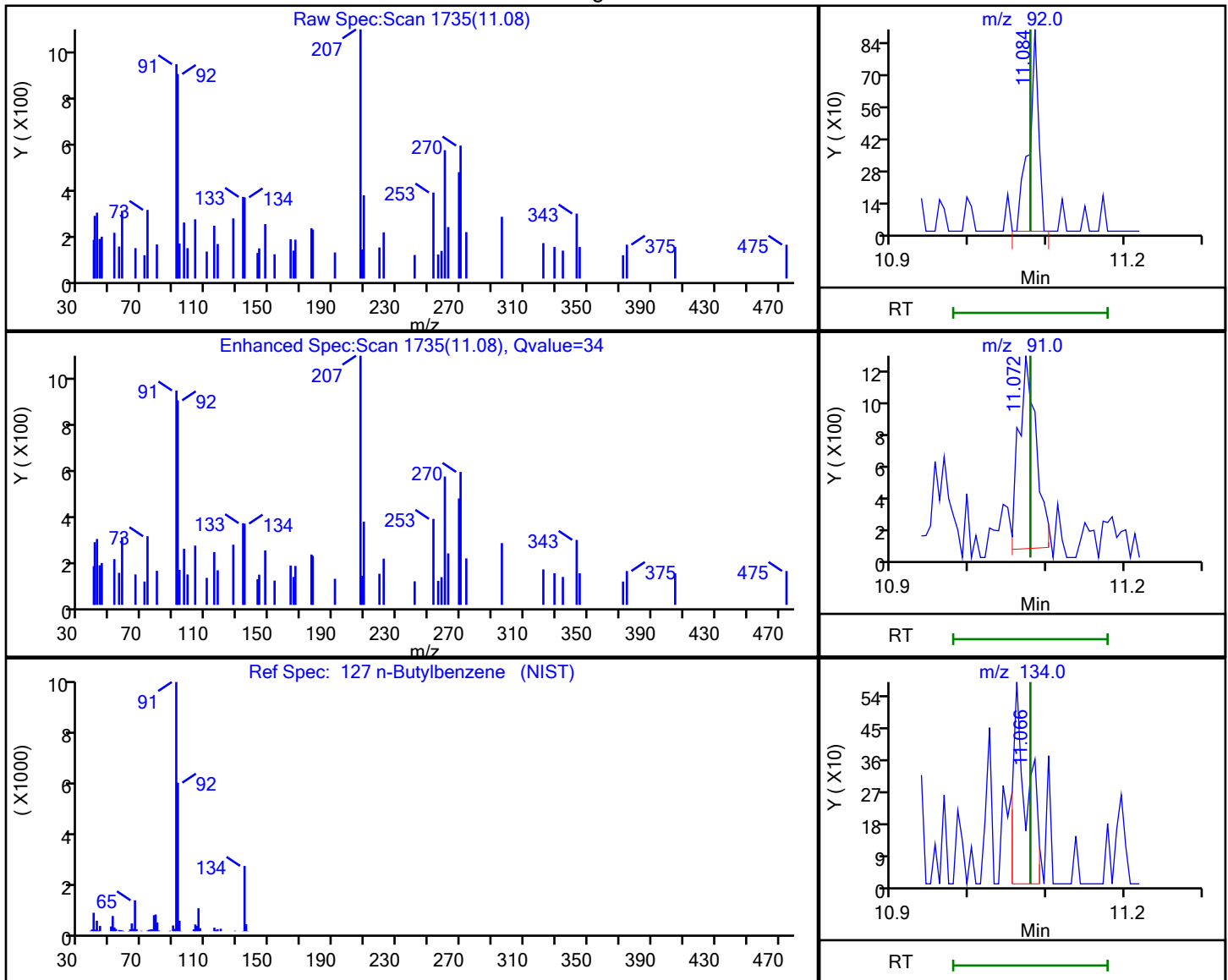
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 127 n-Butylbenzene, CAS: 104-51-8

## Processing Results



RT	Mass	Response	Amount
11.08	92.00	765	0.077621
11.07	91.00	1923	
11.07	134.00	728	

Reviewer: boykink, 15-Apr-2021 16:38:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

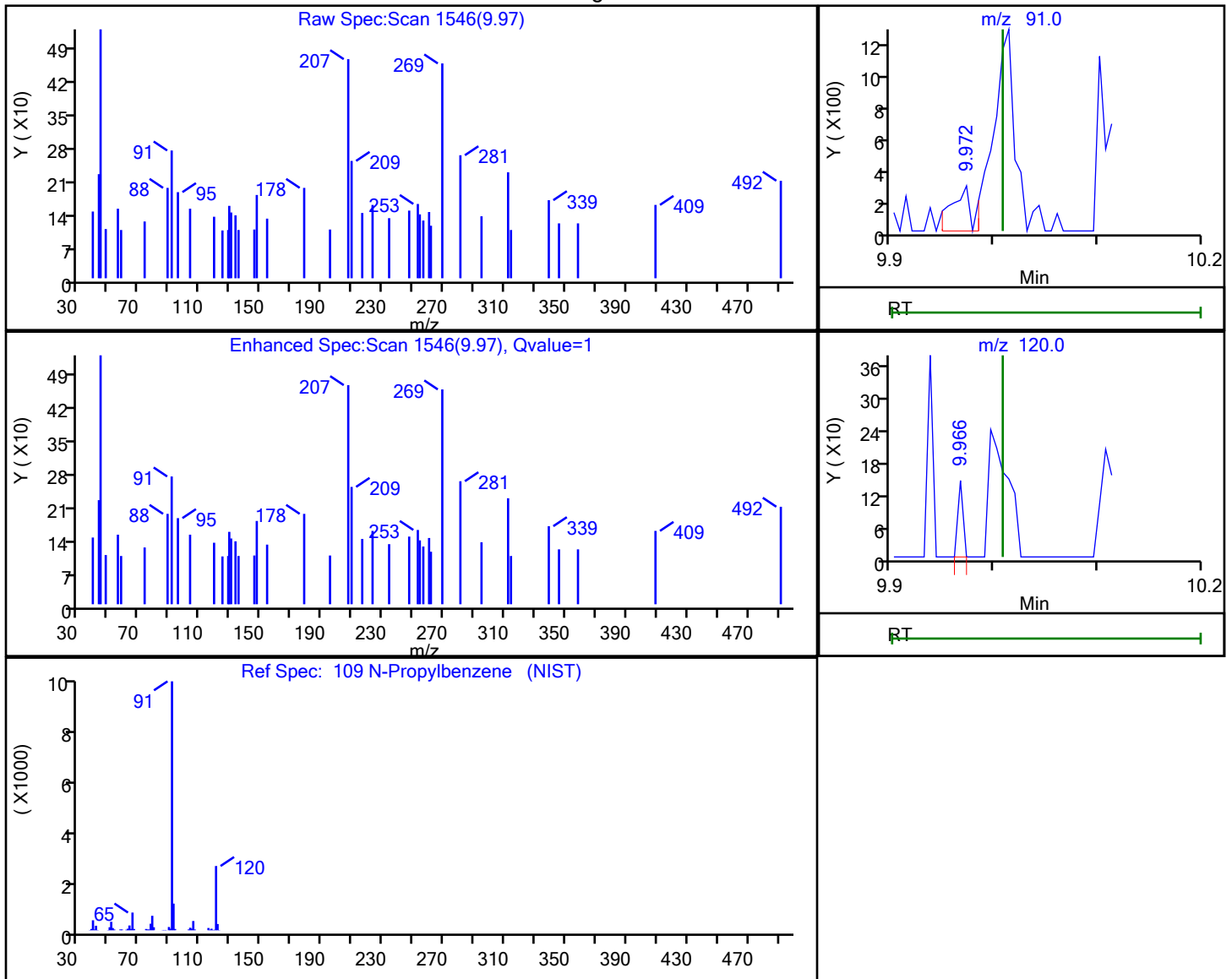
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 109 N-Propylbenzene, CAS: 103-65-1

## Processing Results



RT	Mass	Response	Amount
9.97	91.00	380	0.013244
9.97	120.00	51	

Reviewer: boykink, 15-Apr-2021 16:38:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

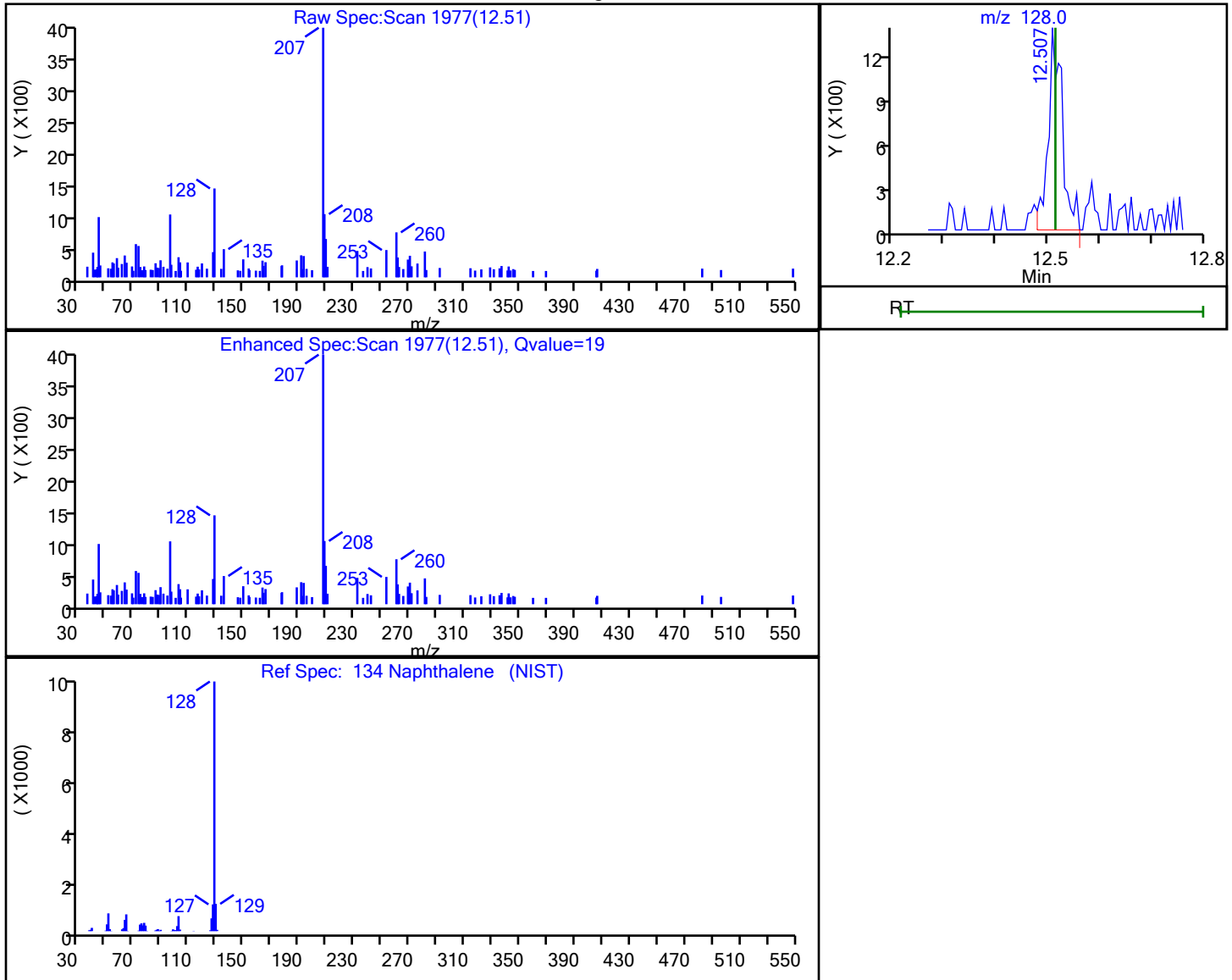
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 134 Naphthalene, CAS: 91-20-3

## Processing Results



RT	Mass	Response	Amount
12.51	128.00	2622	0.141583

Reviewer: boykink, 15-Apr-2021 16:38:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

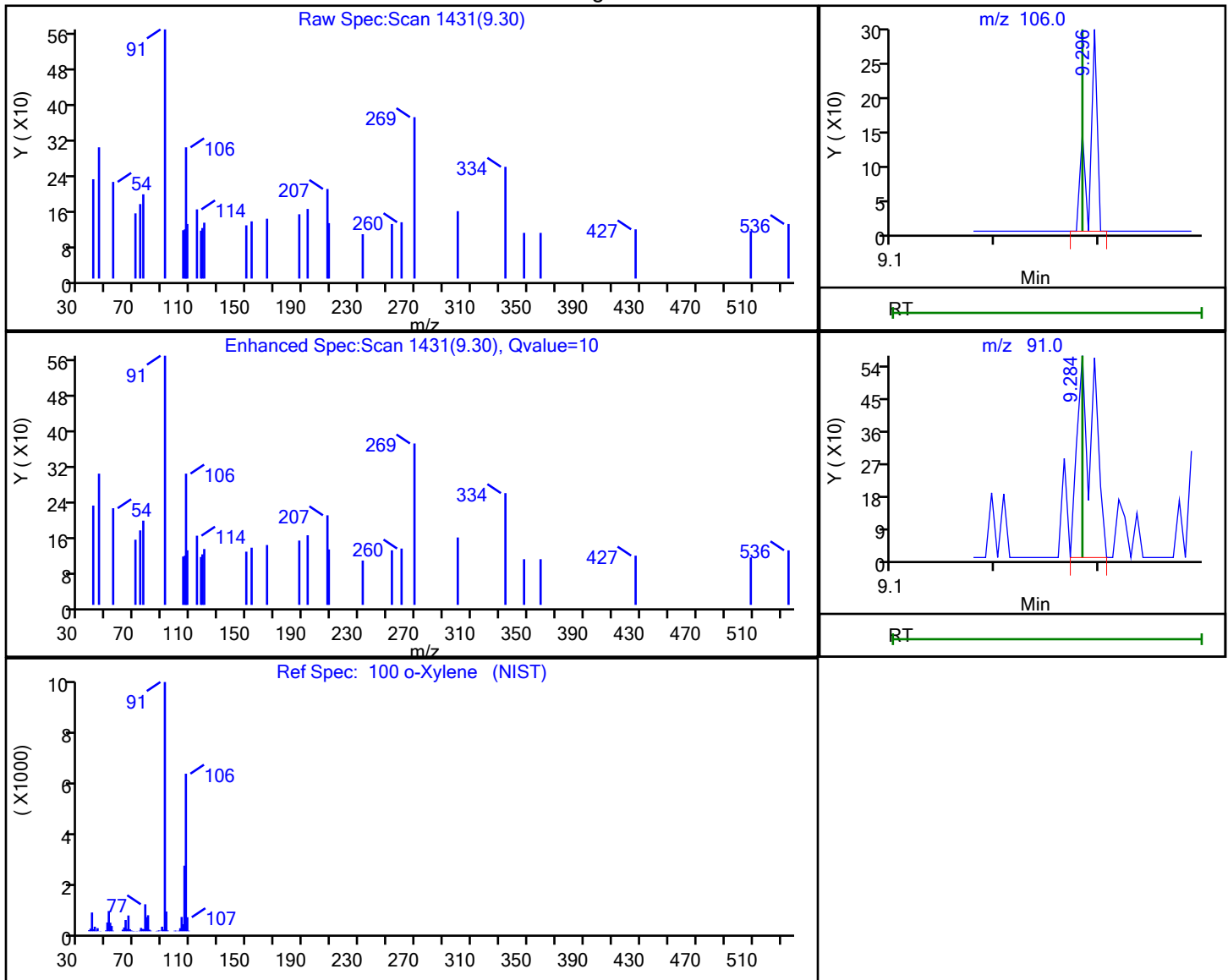
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 100 o-Xylene, CAS: 95-47-6

## Processing Results



RT	Mass	Response	Amount
9.30	106.00	155	0.015240
9.28	91.00	638	

Reviewer: boykink, 15-Apr-2021 16:37:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

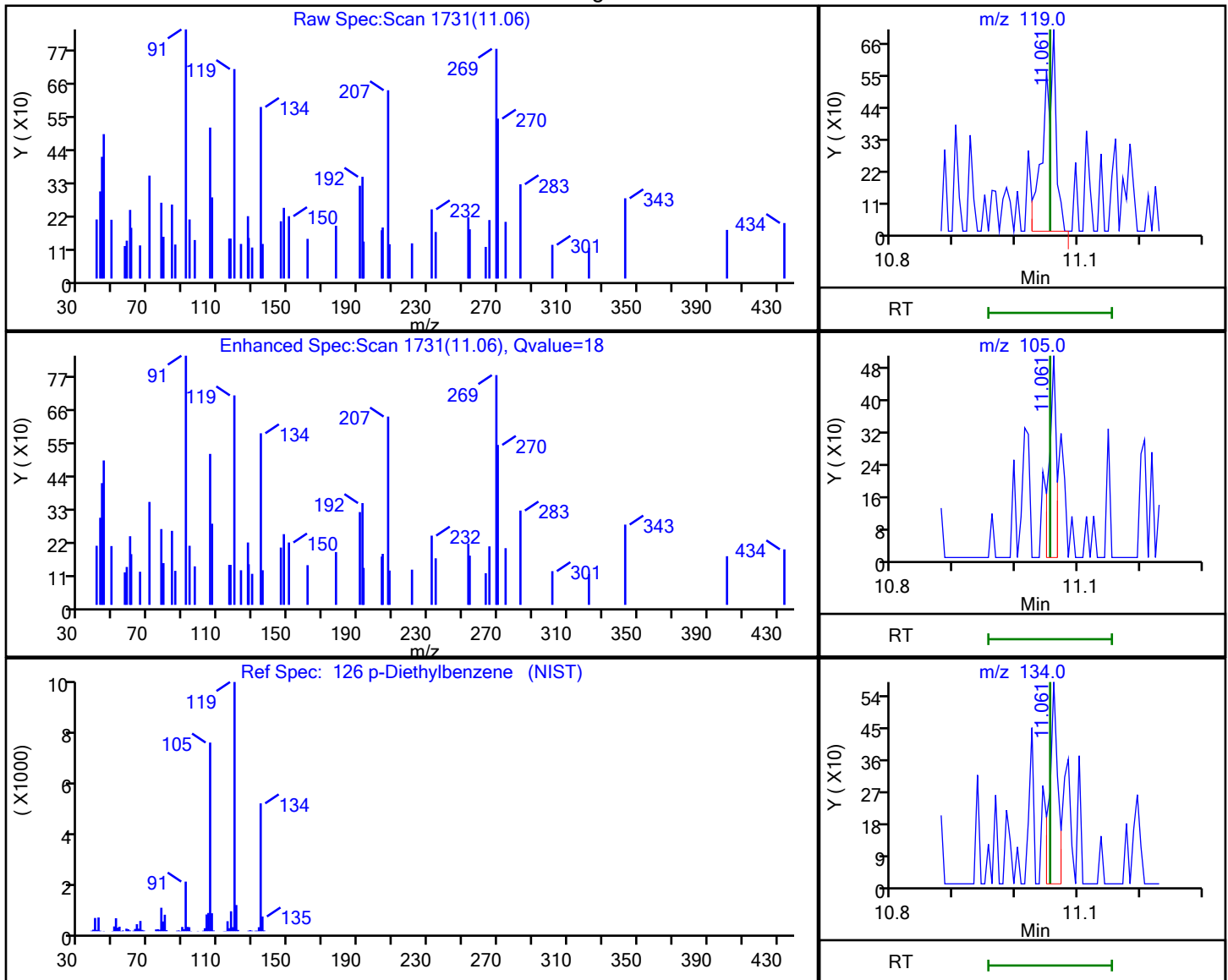
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 126 p-Diethylbenzene, CAS: 105-05-5

## Processing Results



RT	Mass	Response	Amount
11.06	119.00	919	0.101549
11.06	105.00	396	
11.06	134.00	525	

Reviewer: boykink, 15-Apr-2021 16:38:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

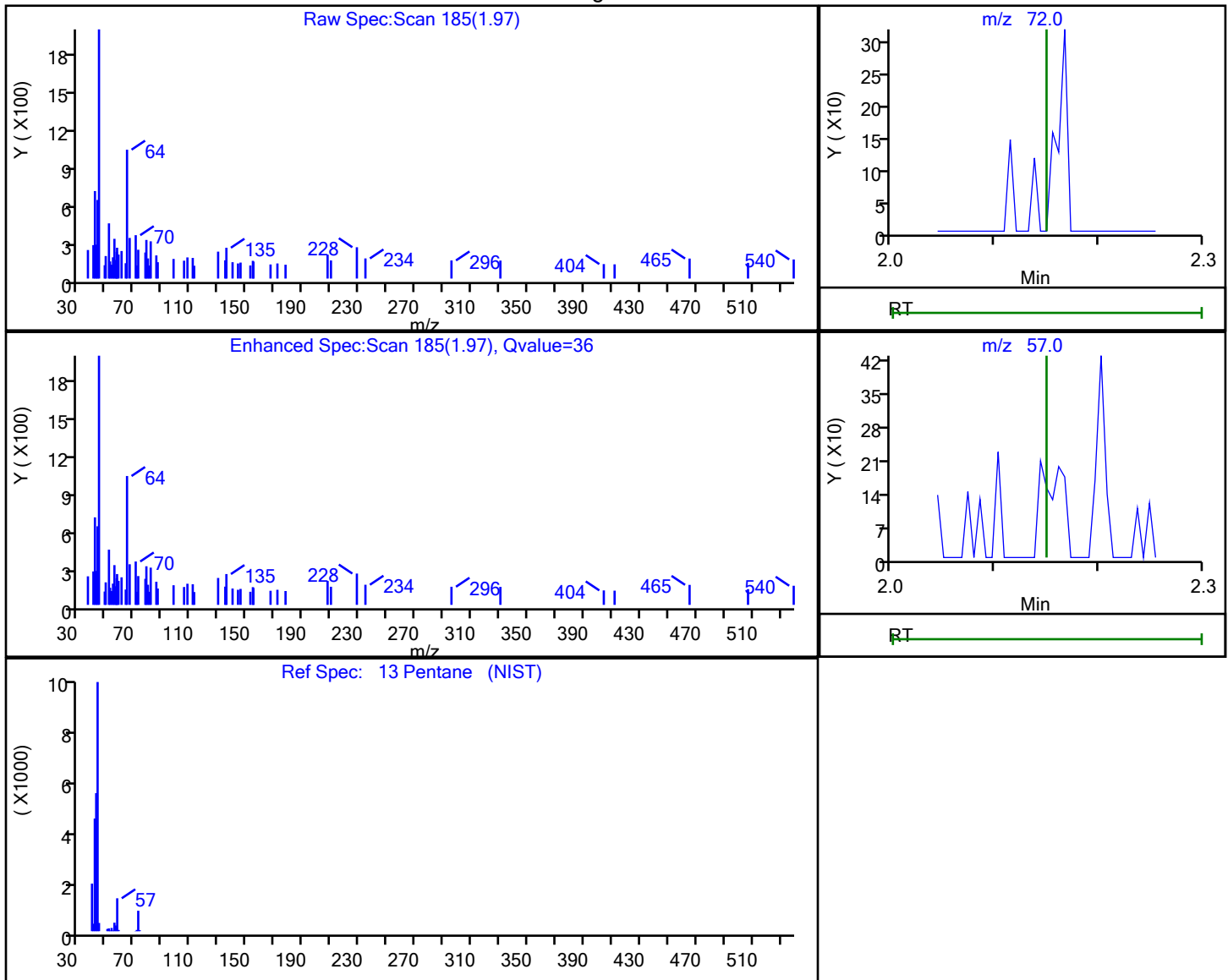
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 13 Pentane, CAS: 109-66-0

## Processing Results



RT	Mass	Response	Amount
1.97	72.00	232	0.220336
1.97	57.00	299	

Reviewer: boykink, 15-Apr-2021 16:37:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

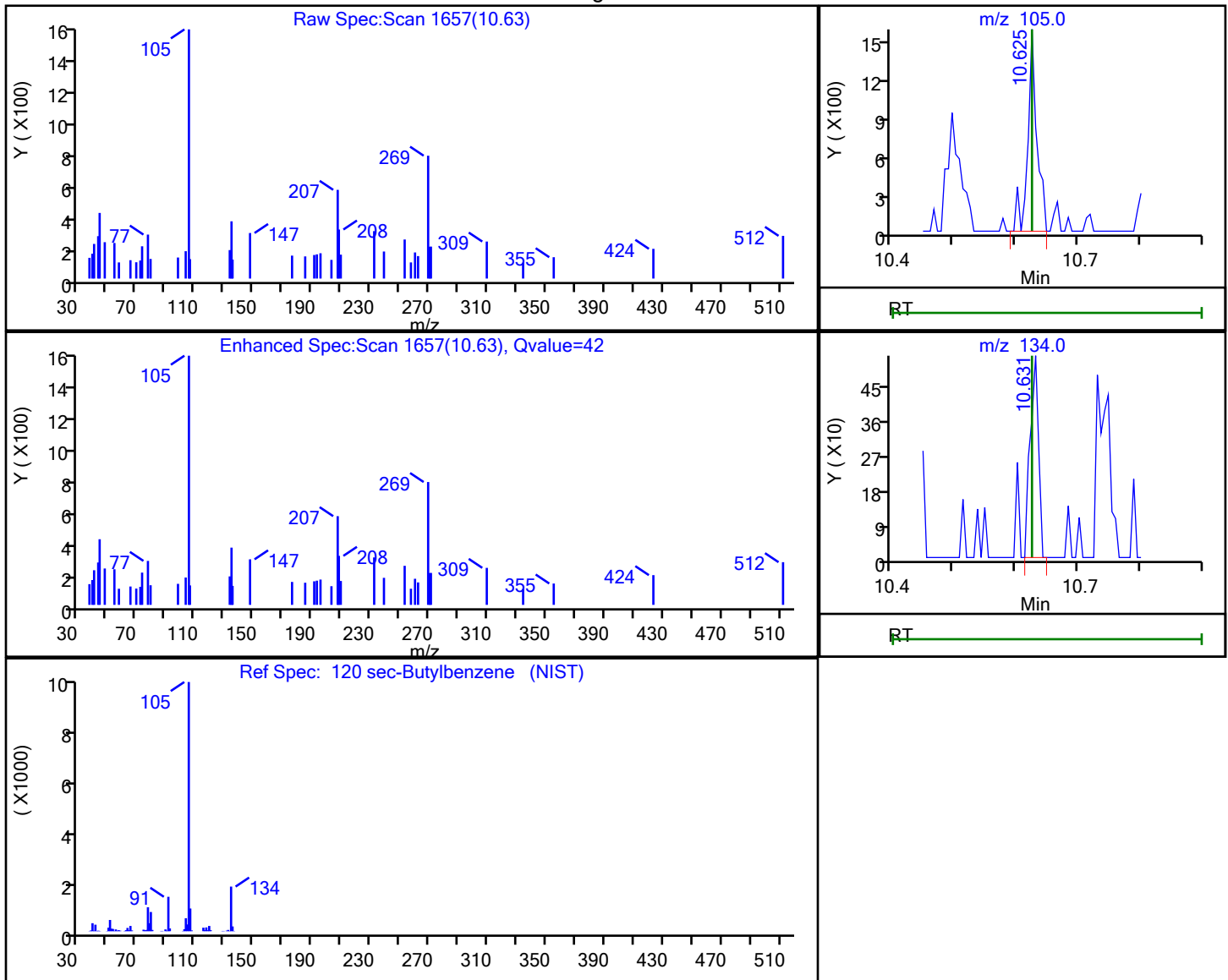
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 120 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



RT	Mass	Response	Amount
10.63	105.00	1618	0.070158
10.63	134.00	491	

Reviewer: boykink, 15-Apr-2021 16:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

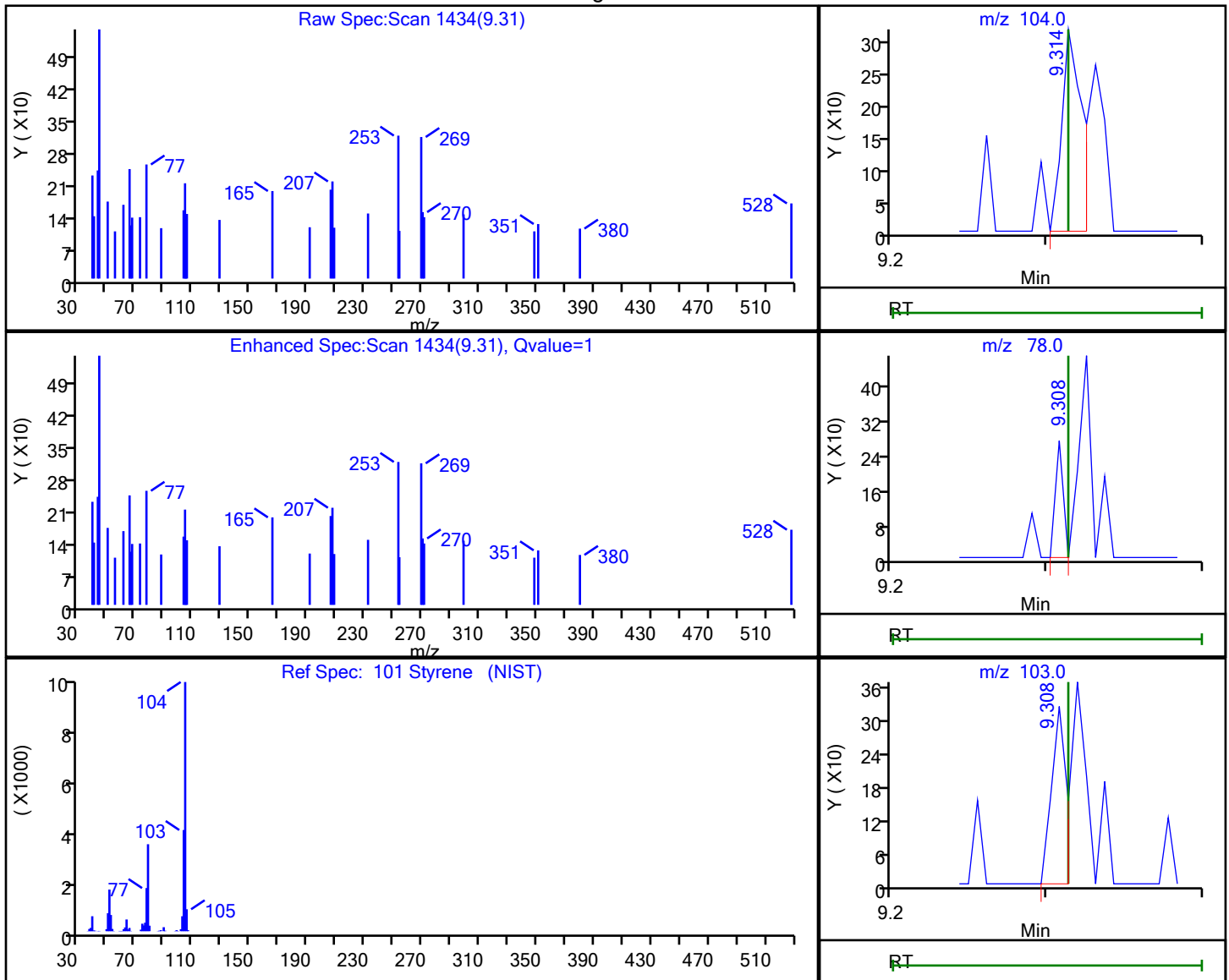
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 101 Styrene, CAS: 100-42-5

## Processing Results



RT	Mass	Response	Amount
9.31	104.00	292	0.018014
9.31	78.00	96	
9.31	103.00	218	

Reviewer: boykink, 15-Apr-2021 16:37:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

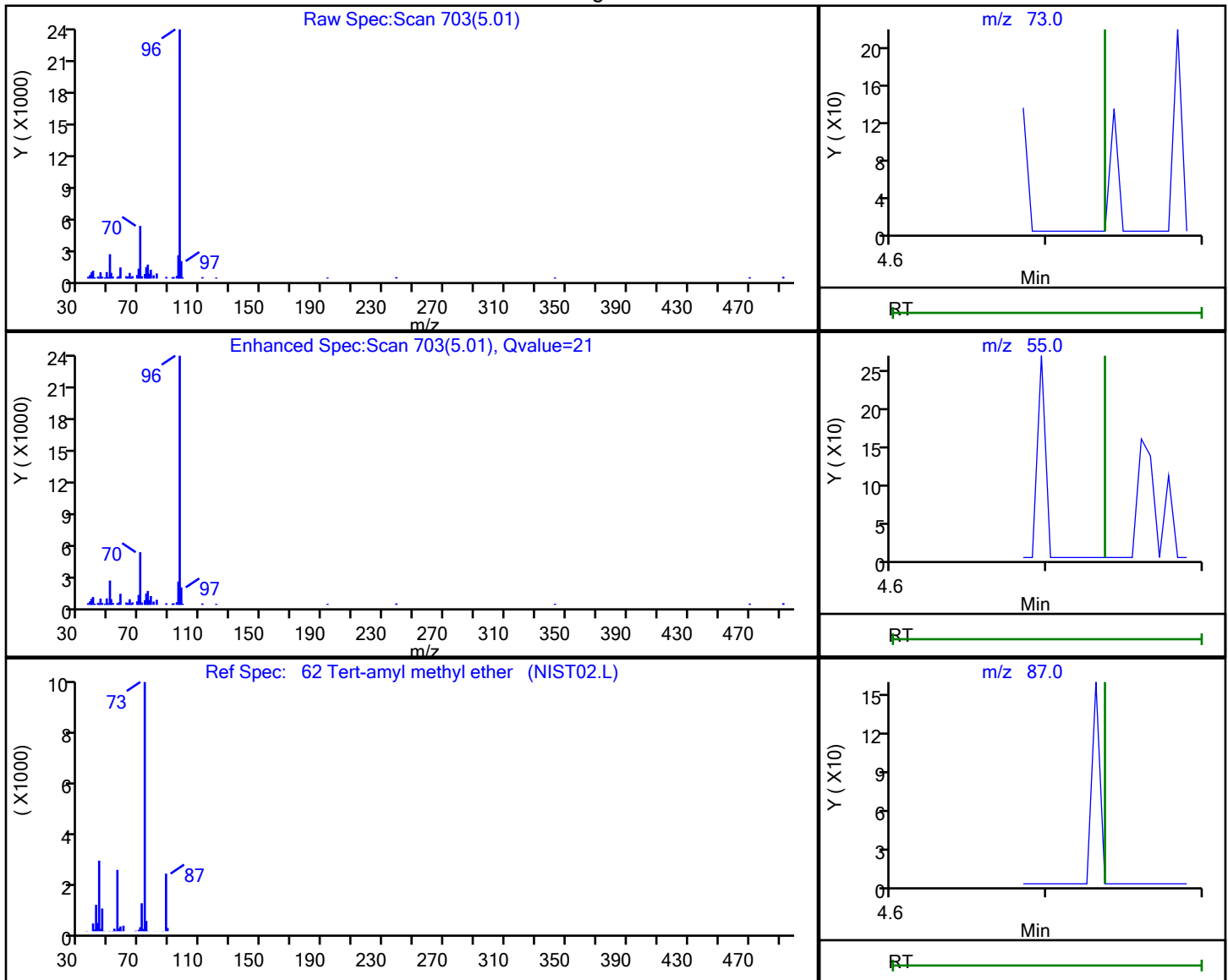
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 62 Tert-amyl methyl ether, CAS: 994-05-8

## Processing Results



RT	Mass	Response	Amount
5.01	73.00	432	0.028193
5.01	55.00	52	
5.01	87.00	56	

Reviewer: boykink, 15-Apr-2021 16:37:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

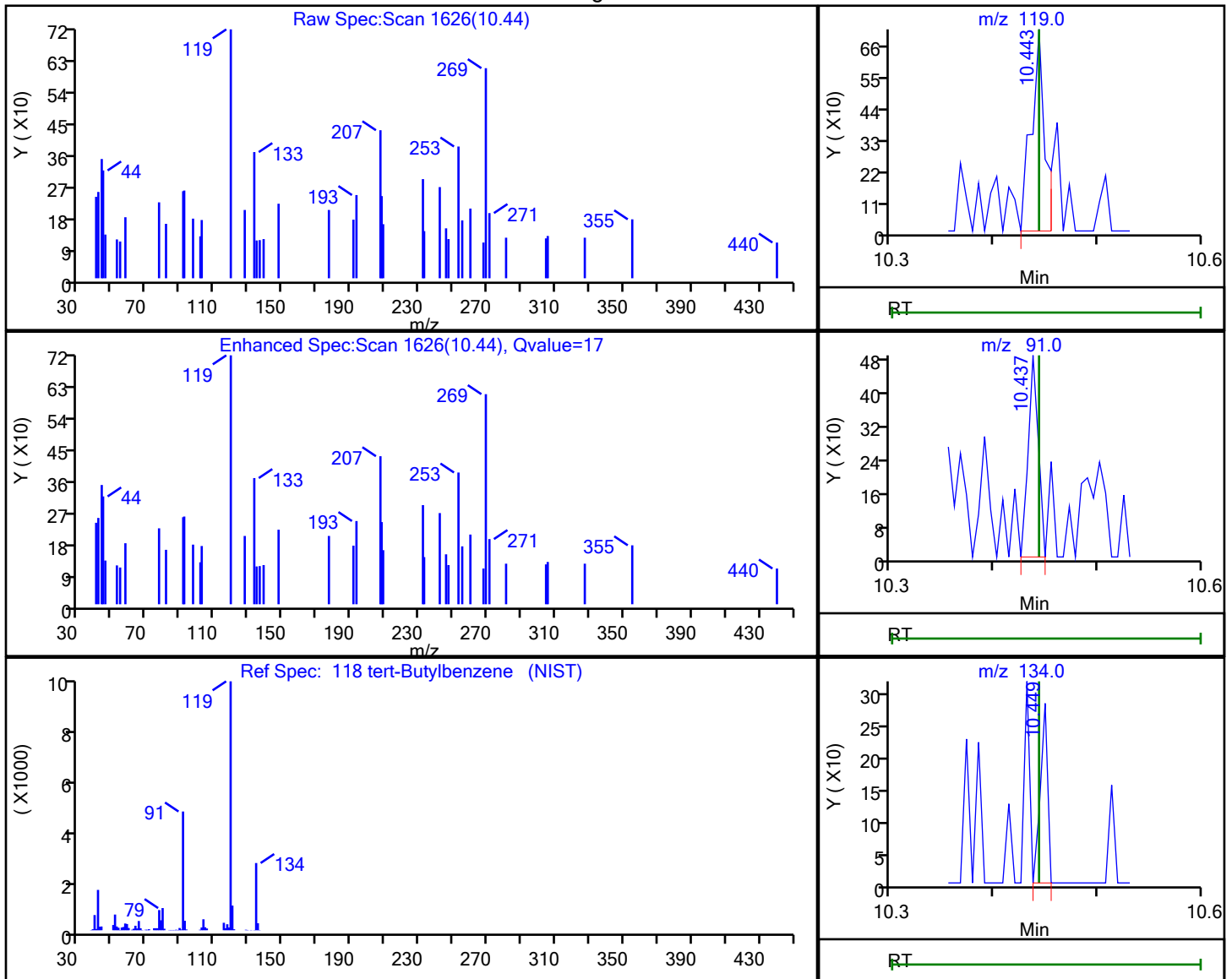
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 118 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



RT	Mass	Response	Amount
10.44	119.00	661	0.040957
10.44	91.00	333	
10.45	134.00	136	

Reviewer: boykink, 15-Apr-2021 16:38:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

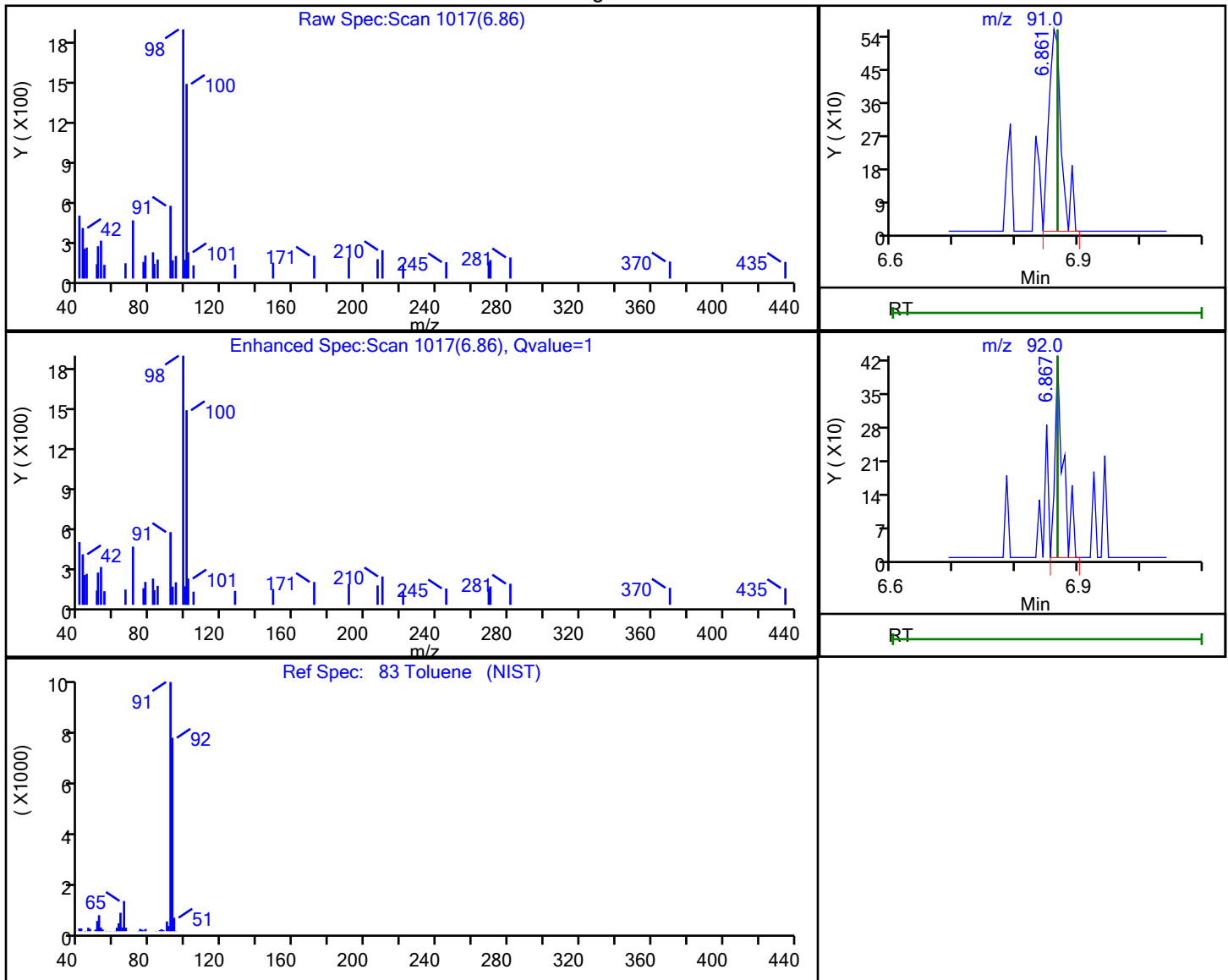
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 83 Toluene, CAS: 108-88-3

## Processing Results



RT	Mass	Response	Amount
6.86	91.00	772	0.032257
6.87	92.00	396	

Reviewer: boykink, 15-Apr-2021 16:37:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

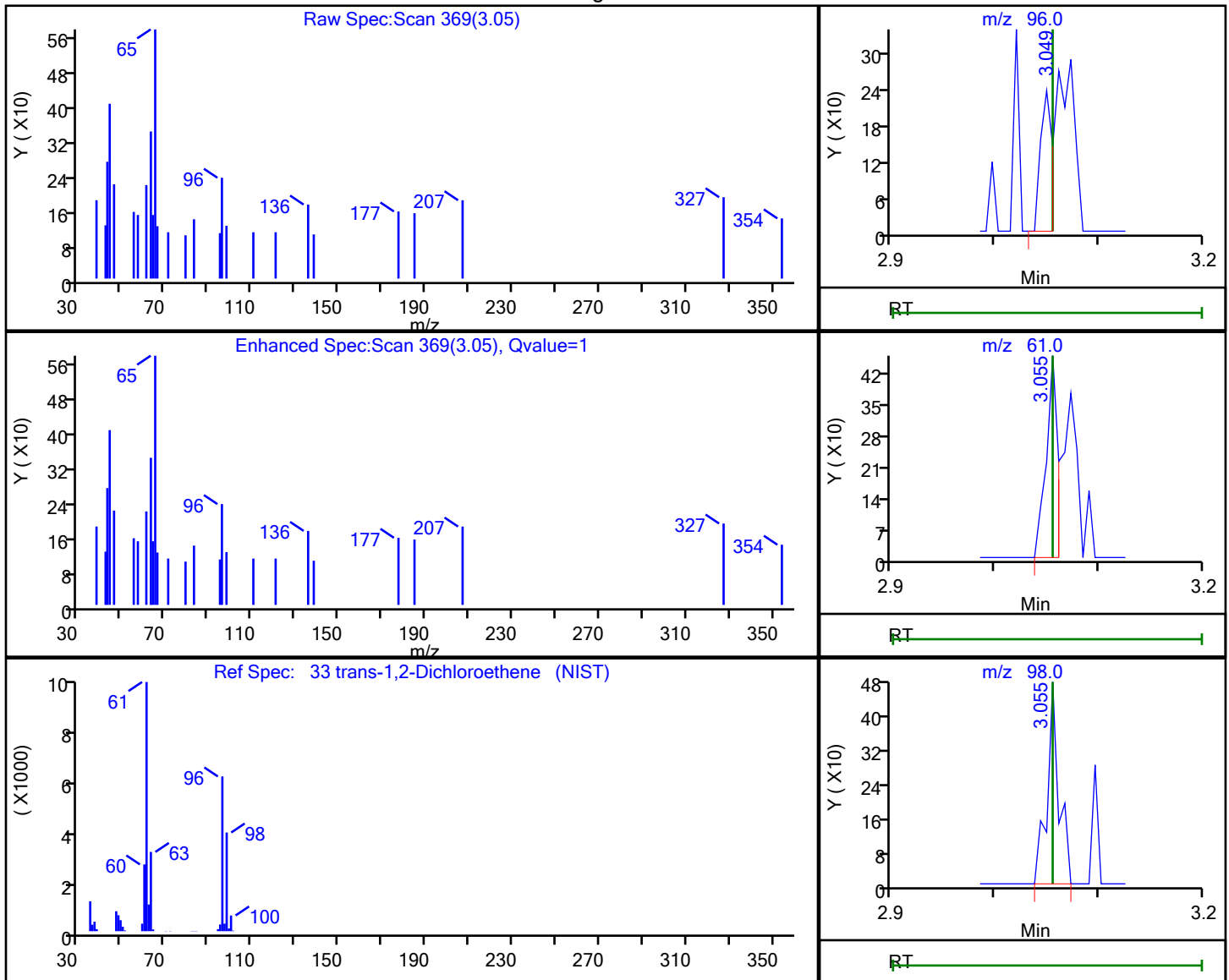
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

**33 trans-1,2-Dichloroethene, CAS: 156-60-5**

## Processing Results



RT	Mass	Response	Amount
3.05	96.00	186	0.036252
3.06	61.00	355	
3.06	98.00	382	

Reviewer: boykink, 15-Apr-2021 16:37:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

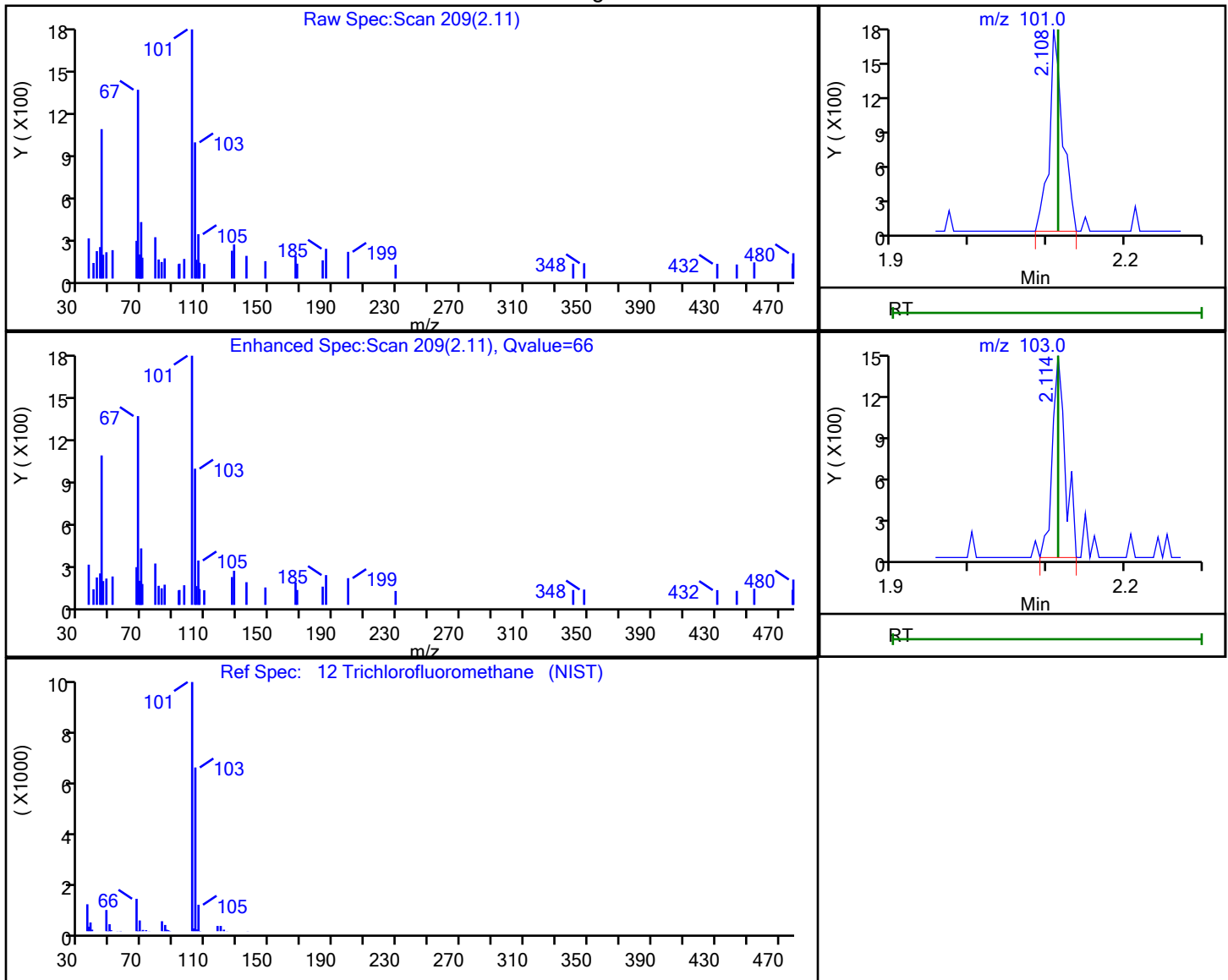
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 12 Trichlorofluoromethane, CAS: 75-69-4

## Processing Results



RT	Mass	Response	Amount
2.11	101.00	2144	0.278722
2.11	103.00	1637	

Reviewer: boykink, 15-Apr-2021 16:37:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00410.D

Injection Date: 15-Apr-2021 15:49:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

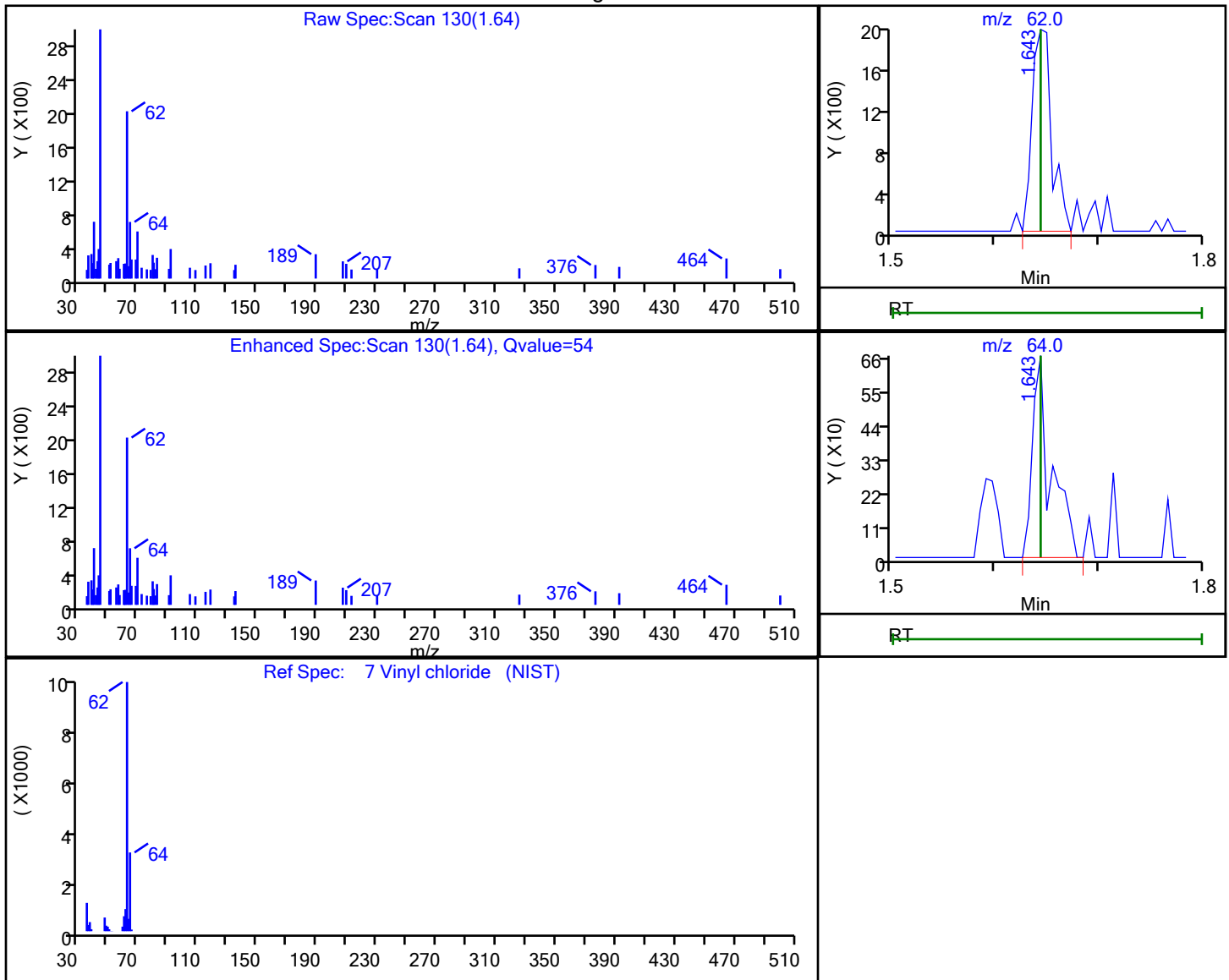
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



RT	Mass	Response	Amount
1.64	62.00	2607	0.250000
1.64	64.00	828	

Reviewer: boykink, 15-Apr-2021 16:37:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D  
 Lims ID: STD1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 15-Apr-2021 16:12:30 ALS Bottle#: 4 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD1  
 Misc. Info.: 460-0127059-004  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Apr-2021 16:46:14 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: boykink

Date: 15-Apr-2021 17:40:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.296	1.296	0.000	64	585	1.00	1.14	
3 Chlorotrifluoroethene	116	1.390	1.391	0.000	55	1656	1.00	0.9683	
4 1,1-Difluoroethane	51	1.408	1.408	0.000	33	3293	1.00	0.9487	a
5 Dichlorodifluoromethane	85	1.414	1.414	0.000	94	5753	1.00	0.9409	
2 Chlorodifluoromethane	51	1.437	1.438	-0.001	72	5627	1.00	0.9202	a
6 Chloromethane	50	1.579	1.579	0.000	99	7384	1.00	1.07	
7 Vinyl chloride	62	1.637	1.643	-0.006	94	6965	1.00	1.01	
8 Butadiene	54	1.661	1.661	0.000	92	7282	1.00	1.06	
9 Bromomethane	94	1.890	1.890	0.000	92	3614	1.00	1.07	
10 Chloroethane	64	1.955	1.961	-0.006	91	4566	1.00	1.19	
11 Dichlorofluoromethane	67	2.096	2.102	-0.006	94	7526	1.00	0.8995	
12 Trichlorofluoromethane	101	2.114	2.114	0.000	83	6505	1.00	0.9052	
13 Pentane	72	2.143	2.149	-0.006	97	2012	2.00	2.09	
17 Ethanol	46	2.267	2.273	-0.006	71	659	40.0	28.0	
14 Ethyl ether	74	2.308	2.308	0.000	93	3522	1.00	1.06	
15 2-Methyl-1,3-butadiene	53	2.332	2.332	0.000	84	4943	1.00	0.9667	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.337	2.338	-0.001	81	4852	1.00	1.04	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.390	2.385	0.005	95	6807	1.00	0.9448	a
18 1,1,2,2-Tetrafluoroethane	101	2.449	2.455	-0.006	92	4284	1.00	0.9233	
52 Acrolein	56	2.461	2.467	-0.006	29	2061	4.00	3.80	
20 1,1-Dichloroethene	96	2.490	2.496	-0.006	90	4679	1.00	1.01	
23 Acetone	43	2.567	2.561	0.006	86	10192	5.00	6.54	
24 Isopropyl alcohol	45	2.626	2.632	-0.006	50	3425	10.0	10.8	a
21 Iodomethane	142	2.637	2.637	0.000	22	2783	1.00	0.5679	a
22 Carbon disulfide	76	2.673	2.673	0.000	99	17777	1.00	1.16	
26 3-Chloro-1-propene	76	2.767	2.773	-0.006	93	3632	1.00	1.08	
30 Methyl acetate	43	2.779	2.773	0.006	94	7936	2.00	1.63	
25 Cyclopentene	67	2.790	2.796	-0.006	92	13427	1.00	0.9770	
27 Acetonitrile	40	2.831	2.826	0.005	20	6744	10.0	9.79	a
* 28 TBA-d9 (IS)	66	2.849	2.849	0.000	100	37098	1000.0	1000.0	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.884	2.885	-0.001	90	5538	1.00	1.06	
31 2-Methyl-2-propanol	59	2.920	2.914	0.006	92	6141	10.0	11.4	
32 Methyl tert-butyl ether	73	3.026	3.020	0.006	96	14682	1.00	0.9658	
33 trans-1,2-Dichloroethene	96	3.055	3.055	0.000	95	4902	1.00	0.9355	
35 Acrylonitrile	53	3.114	3.114	0.000	100	23169	10.0	9.59	
36 Hexane	57	3.184	3.185	0.000	89	7856	1.00	1.00	
37 Isopropyl ether	45	3.367	3.367	0.000	98	17197	1.00	0.9859	
40 Vinyl acetate	86	3.426	3.420	0.006	99	2752	2.00	2.39	
38 1,1-Dichloroethane	63	3.426	3.420	0.006	71	9233	1.00	0.9536	
39 2-Chloro-1,3-butadiene	88	3.467	3.461	0.006	86	5211	1.00	1.03	
41 Tert-butyl ethyl ether	59	3.667	3.667	0.000	88	14856	1.00	0.9442	
* 42 2-Butanone-d5	46	3.867	3.873	-0.006	99	285730	250.0	250.0	
43 2,2-Dichloropropane	97	3.884	3.884	0.000	46	1751	1.00	0.9763	
47 Ethyl acetate	70	3.920	3.920	0.000	92	1408	2.00	2.10	
45 cis-1,2-Dichloroethene	96	3.920	3.920	0.000	48	5848	1.00	1.00	
44 2-Butanone (MEK)	72	3.926	3.920	0.006	95	2658	5.00	3.86	
46 Methyl acrylate	55	3.984	3.979	0.005	76	4542	1.00	0.8432	
48 Propionitrile	54	4.061	4.055	0.006	99	8356	10.0	9.45	
49 Chlorobromomethane	128	4.137	4.143	-0.006	64	2755	1.00	1.07	
50 Tetrahydrofuran	72	4.143	4.143	0.000	30	1683	2.00	2.05	
54 Methacrylonitrile	67	4.155	4.155	0.000	93	25739	10.0	9.60	
51 Chloroform	83	4.184	4.190	-0.006	97	8678	1.00	1.00	
53 Cyclohexane	84	4.326	4.326	0.000	88	8691	1.00	0.9764	
55 1,1,1-Trichloroethane	97	4.331	4.331	0.000	59	7399	1.00	0.9825	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	96	163456	50.0	49.4	
57 Carbon tetrachloride	117	4.455	4.455	0.000	88	5814	1.00	0.9448	
58 1,1-Dichloropropene	75	4.484	4.484	0.000	96	7106	1.00	0.9381	
61 Isobutyl alcohol	43	4.608	4.596	0.012	65	3915	25.0	19.8	
64 Isooctane	57	4.637	4.643	-0.006	96	16085	1.00	0.99	a
59 Benzene	78	4.690	4.690	0.000	95	20965	1.00	0.9782	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	93	158842	50.0	46.3	
66 Isopropyl acetate	61	4.702	4.720	-0.018	33	4886	1.00	1.83	
62 Tert-amyl methyl ether	73	4.737	4.737	0.000	82	14640	1.00	0.9406	
63 1,2-Dichloroethane	62	4.784	4.779	0.005	92	6116	1.00	1.03	
65 n-Heptane	100	4.843	4.831	0.012	91	1502	1.00	1.01	a
* 67 Fluorobenzene	96	4.978	4.979	0.000	99	555563	50.0	50.0	
70 n-Butanol	56	5.355	5.296	0.059	23	2490	25.0	23.4	Ma
69 Trichloroethene	95	5.349	5.349	0.000	92	5137	1.00	0.9679	
72 Methylcyclohexane	83	5.478	5.478	0.000	81	8211	1.00	0.8978	
71 Ethyl acrylate	99	5.484	5.478	0.006	93	557	1.00	0.6568	a
73 1,2-Dichloropropane	63	5.661	5.655	0.006	91	5138	1.00	0.9516	
* 68 1,4-Dioxane-d8	96	5.731	5.731	0.000	88	25089	1000.0	1000.0	
74 Methyl methacrylate	100	5.737	5.731	0.006	73	2731	2.00	1.69	
78 1,4-Dioxane	88	5.784	5.784	0.000	45	3140	50.0	44.2	
77 n-Propyl acetate	43	5.790	5.790	0.000	93	8951	1.00	1.06	
75 Dibromomethane	93	5.802	5.802	0.000	91	2851	1.00	0.9657	
76 Dichlorobromomethane	83	5.972	5.967	0.005	95	6057	1.00	0.9780	a
34 2-Nitropropane	41	6.325	6.320	0.005	82	3435	2.00	2.22	
79 2-Chloroethyl vinyl ether	63	6.331	6.325	0.006	66	3653	1.00	1.01	
80 Epichlorohydrin	57	6.455	6.449	0.006	96	10060	20.0	18.3	
81 cis-1,3-Dichloropropene	75	6.514	6.508	0.006	88	7863	1.00	0.9315	
84 4-Methyl-2-pentanone (MIBK)	43	6.690	6.678	0.012	95	25927	5.00	5.16	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	755058	50.0	51.5	
83 Toluene	91	6.872	6.867	0.005	95	22223	1.00	0.99	
85 trans-1,3-Dichloropropene	75	7.272	7.272	0.000	96	7034	1.00	0.9345	
86 Ethyl methacrylate	69	7.302	7.290	0.012	87	6725	1.00	0.9691	
87 1,1,2-Trichloroethane	83	7.519	7.508	0.011	68	3545	1.00	0.9265	
88 Tetrachloroethene	166	7.566	7.561	0.005	93	5467	1.00	1.06	
89 1,3-Dichloropropane	76	7.749	7.749	0.000	94	7401	1.00	0.9459	
91 2-Hexanone	43	7.819	7.808	0.011	98	16588	5.00	4.96	
92 n-Butyl acetate	43	7.937	7.925	0.012	97	9263	1.00	1.13	a
90 Chlorodibromomethane	129	7.996	7.984	0.012	47	4474	1.00	0.9856	
93 Ethylene Dibromide	107	8.143	8.131	0.012	50	4480	1.00	0.99	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	86	374893	50.0	50.0	
95 Chlorobenzene	112	8.666	8.661	0.005	97	13360	1.00	1.00	
97 Ethylbenzene	106	8.743	8.743	0.000	98	6769	1.00	0.9049	
96 1,1,1,2-Tetrachloroethane	131	8.772	8.761	0.011	92	4492	1.00	0.9774	
98 m-Xylene & p-Xylene	106	8.878	8.872	0.006	95	9285	1.00	1.03	
99 n-Butyl acrylate	73	9.266	9.266	0.000	97	3498	1.00	0.8776	
100 o-Xylene	106	9.290	9.284	0.006	94	9444	1.00	1.07	
101 Styrene	104	9.319	9.314	0.005	97	15052	1.00	1.02	
102 Amyl acetate (mixed isomers)	43	9.496	9.490	0.006	92	8794	1.00	0.99	
103 Bromoform	173	9.525	9.525	0.000	94	3149	1.00	1.01	
104 Isopropylbenzene	105	9.625	9.631	-0.006	96	20849	1.00	0.9738	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	182803	50.0	52.0	
107 Bromobenzene	156	9.949	9.949	0.000	96	4723	1.00	0.9103	
108 1,1,2,2-Tetrachloroethane	83	9.996	9.996	0.000	70	5822	1.00	0.9163	
109 N-Propylbenzene	91	10.013	10.008	0.005	99	26955	1.00	1.03	
115 1,2,3-Trichloropropane	110	10.037	10.037	0.000	82	1981	1.00	1.06	
112 trans-1,4-Dichloro-2-butene	53	10.060	10.055	0.005	60	1837	1.00	1.00	a
114 2-Chlorotoluene	91	10.113	10.113	0.000	90	17954	1.00	0.9835	
113 4-Ethyltoluene	105	10.113	10.113	0.000	90	21899	1.00	1.00	
116 1,3,5-Trimethylbenzene	105	10.178	10.172	0.006	93	17464	1.00	0.9766	
110 4-Chlorotoluene	91	10.219	10.219	0.000	98	16097	1.00	1.01	
117 Butyl Methacrylate	87	10.260	10.261	-0.001	88	5832	1.00	0.9345	
118 tert-Butylbenzene	119	10.443	10.443	0.000	97	15162	1.00	0.9860	
119 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	96	17096	1.00	0.9605	
120 sec-Butylbenzene	105	10.625	10.625	0.000	97	21666	1.00	0.9828	
121 4-Isopropyltoluene	119	10.749	10.749	0.000	96	18926	1.00	0.9796	
122 1,3-Dichlorobenzene	146	10.760	10.760	0.000	92	9724	1.00	0.9692	
* 106 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	94	178960	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.843	10.837	0.006	89	10851	1.00	1.04	
123 1,2,3-Trimethylbenzene	105	10.854	10.849	0.005	94	16565	1.00	0.9165	
125 Benzyl chloride	91	10.960	10.960	0.000	98	10373	1.00	0.8986	
111 2,3-Dihydroindene	117	11.013	11.013	0.000	94	16544	1.00	0.9389	
126 p-Diethylbenzene	119	11.054	11.055	-0.001	91	8502	1.00	0.8786	
127 n-Butylbenzene	92	11.078	11.078	0.000	99	9259	1.00	0.9535	
128 1,2-Dichlorobenzene	146	11.143	11.143	0.000	95	8692	1.00	0.9395	
130 1,2,4,5-Tetramethylbenzene	119	11.660	11.660	0.000	96	15959	1.00	1.04	
129 1,2-Dibromo-3-Chloropropane	157	11.754	11.760	-0.006	36	1577	1.00	1.14	
132 1,3,5-Trichlorobenzene	180	11.866	11.866	0.000	93	6588	1.00	1.01	
131 1,2,4-Trichlorobenzene	180	12.337	12.331	0.006	88	5221	1.00	0.8834	
133 Hexachlorobutadiene	225	12.407	12.402	0.005	87	2230	1.00	0.99	
134 Naphthalene	128	12.513	12.513	0.000	99	17398	1.00	1.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.690	12.690	0.000	94	5264	1.00	0.9447	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.94	
S 137 Xylenes, Total	100				0		2.00	2.11	
S 138 1,3-Dichloropropene, Total	1				0		2.00	1.87	
S 139 Total BTEX	1				0		5.00	4.98	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

GASES Li_00416	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00135	Amount Added: 10.00	Units: uL	
524freon_00035	Amount Added: 10.00	Units: uL	
ACROLEIN W_00122	Amount Added: 4.00	Units: uL	
14DIOXINTER_00128	Amount Added: 30.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

4

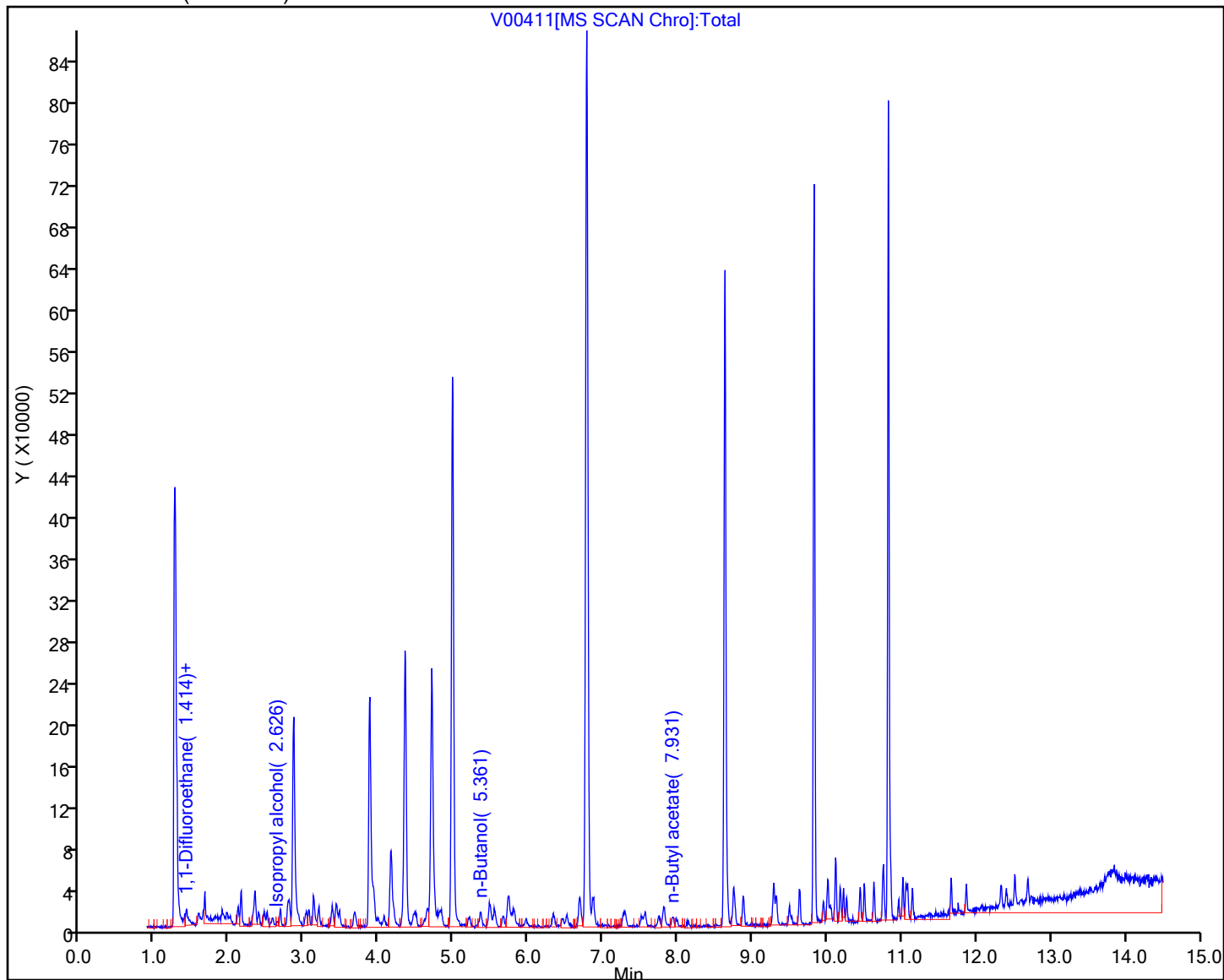
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

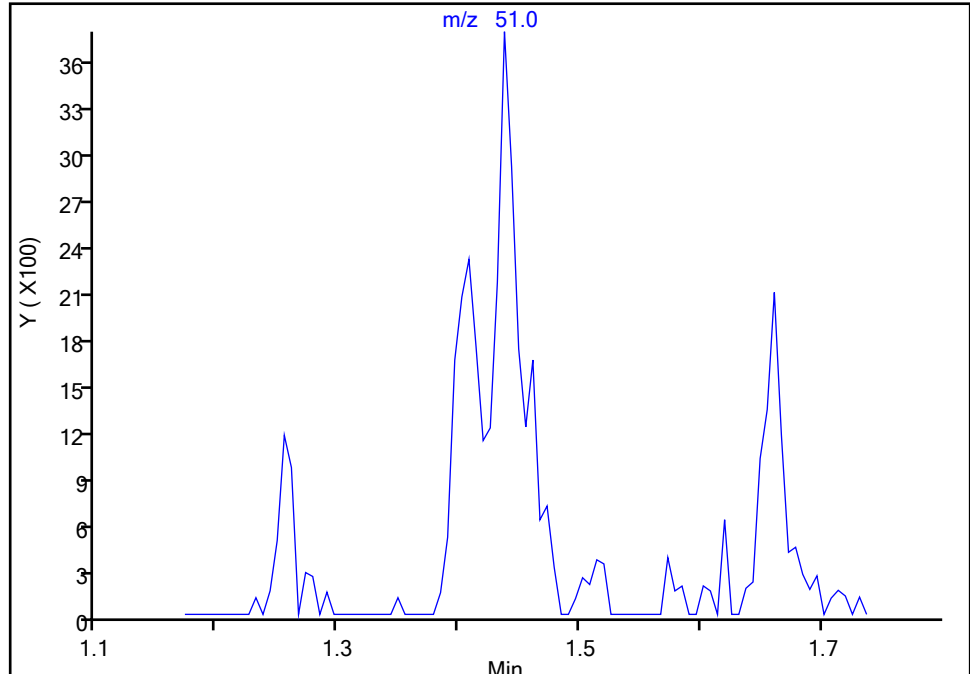
**2 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

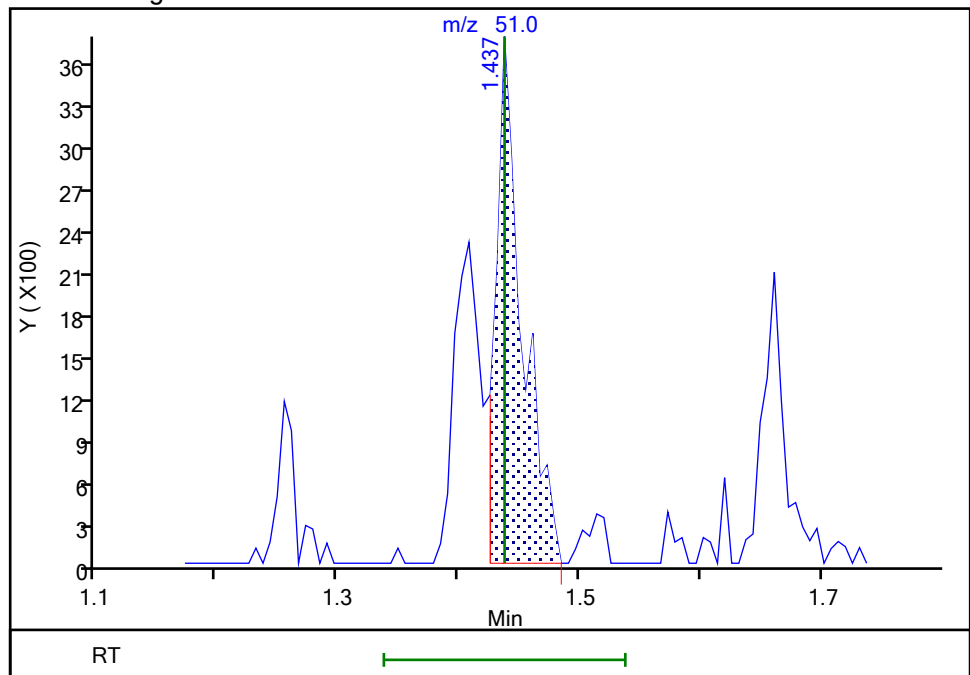
Not Detected

Expected RT: 1.44

## Processing Integration Results



## Manual Integration Results



RT: 1.44

Area: 5627

Amount: 0.920230

Amount Units: ug/l

Reviewer: martineze, 16-Apr-2021 11:40:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

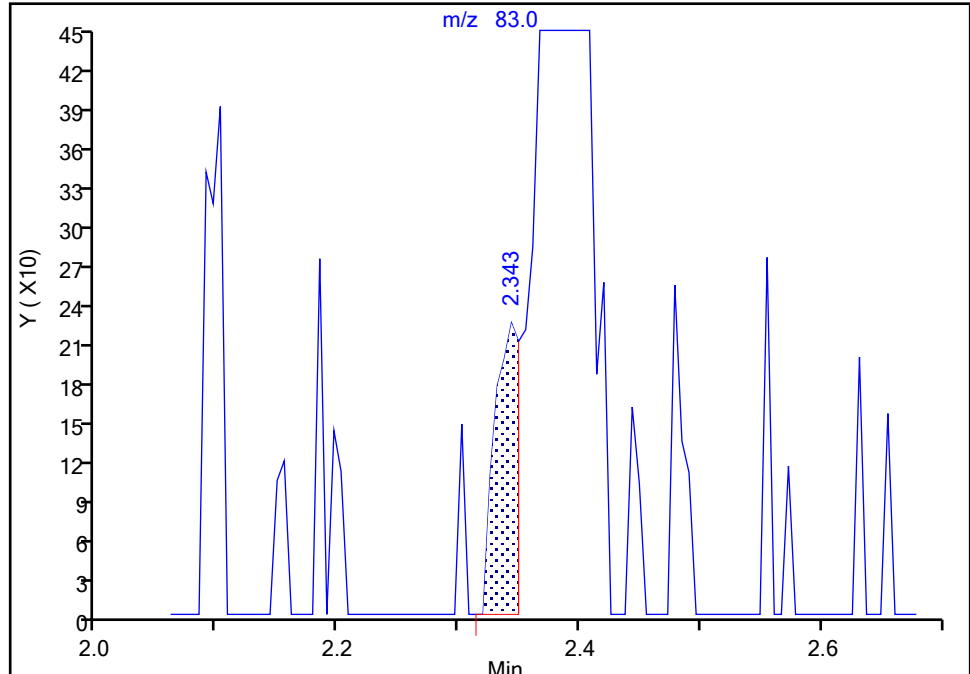
MS Quad

**19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

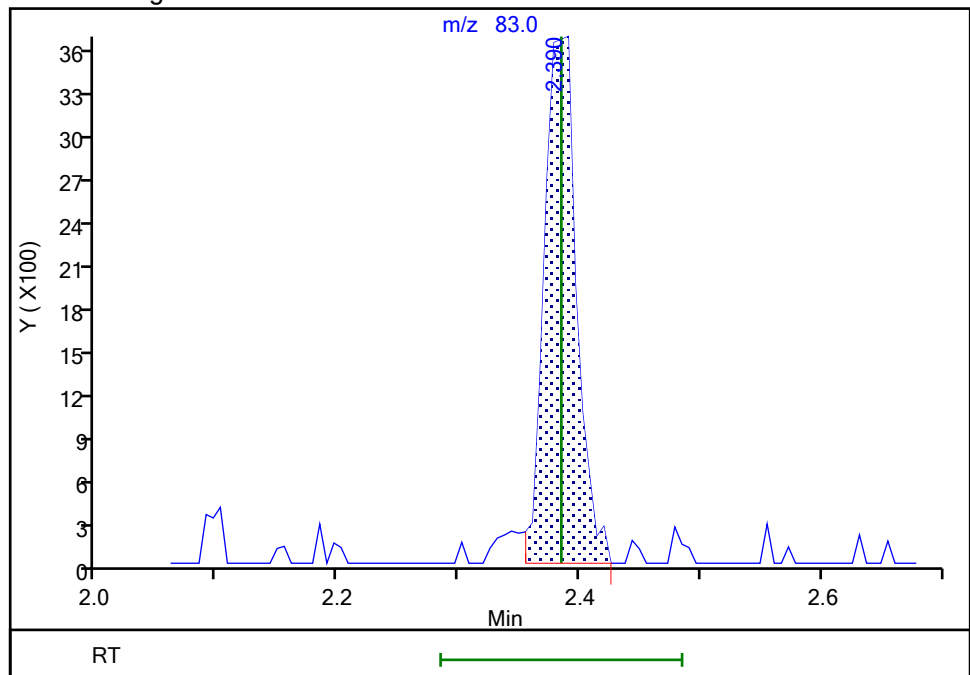
RT: 2.34  
Area: 319  
Amount: 1.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.39  
Area: 6807  
Amount: 0.944752  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:37:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

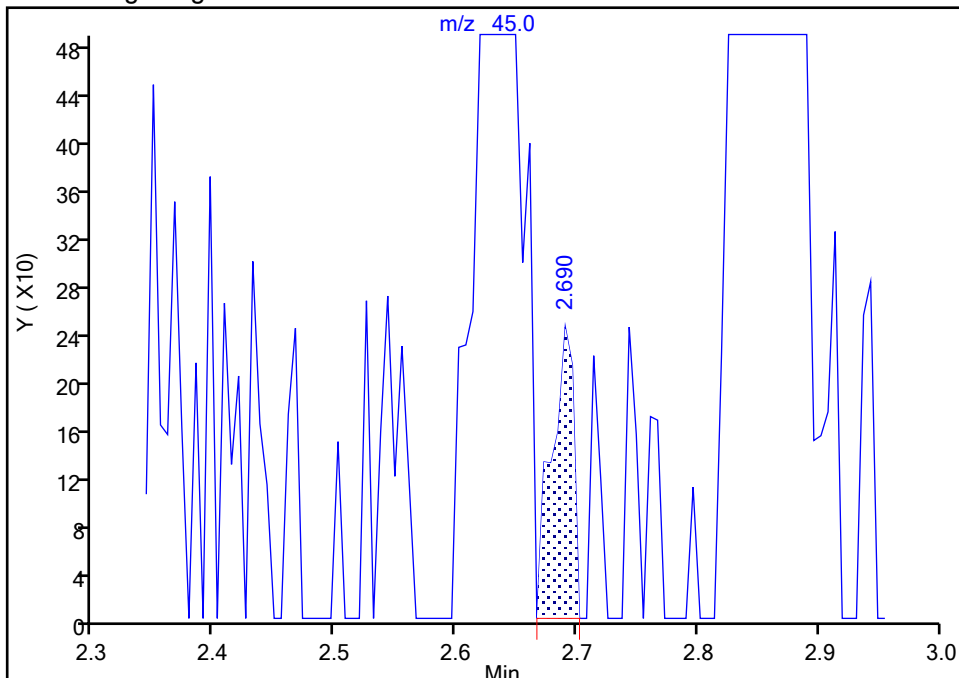
MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

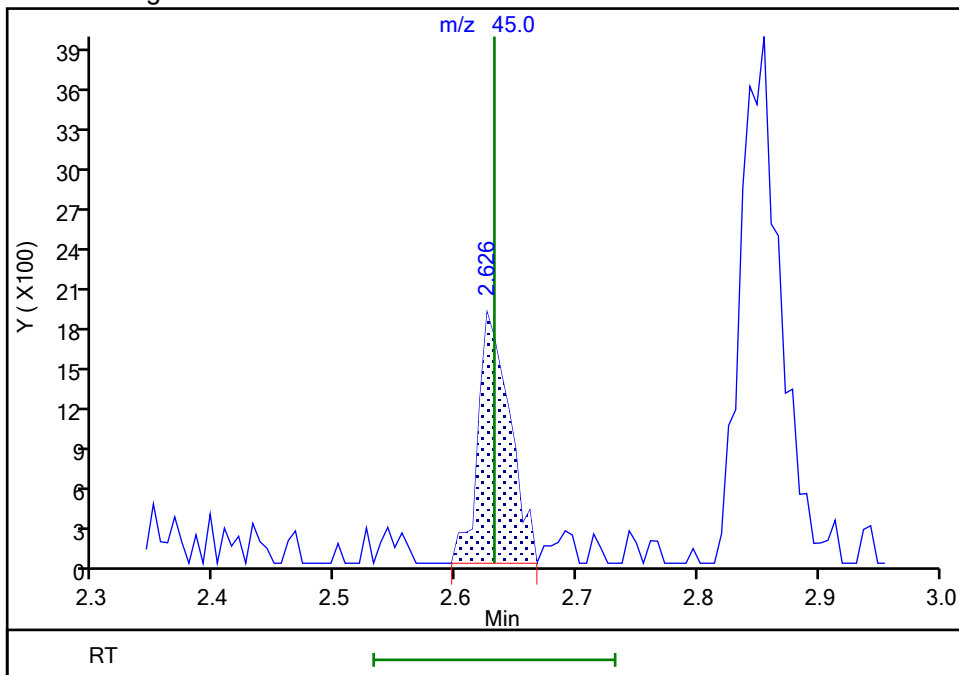
RT: 2.69  
Area: 308  
Amount: 1.478693  
Amount Units: ug/l

## Processing Integration Results



RT: 2.63  
Area: 3425  
Amount: 10.753224  
Amount Units: ug/l

## Manual Integration Results



Reviewer: martineze, 16-Apr-2021 11:31:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

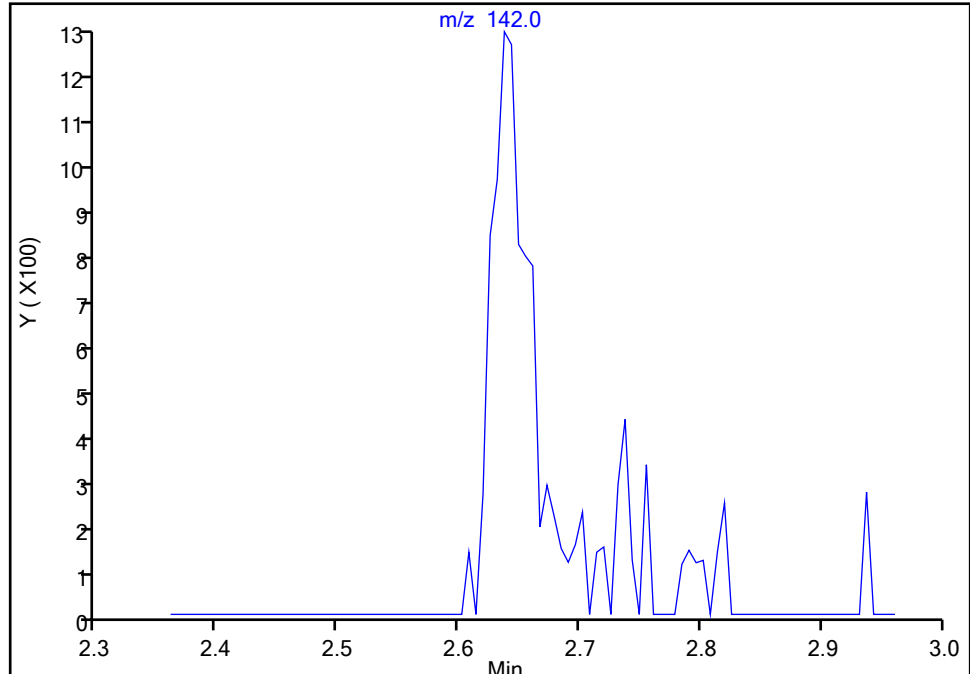
**21 Iodomethane, CAS: 74-88-4**

Signal: 1

Not Detected

Expected RT: 2.64

## Processing Integration Results



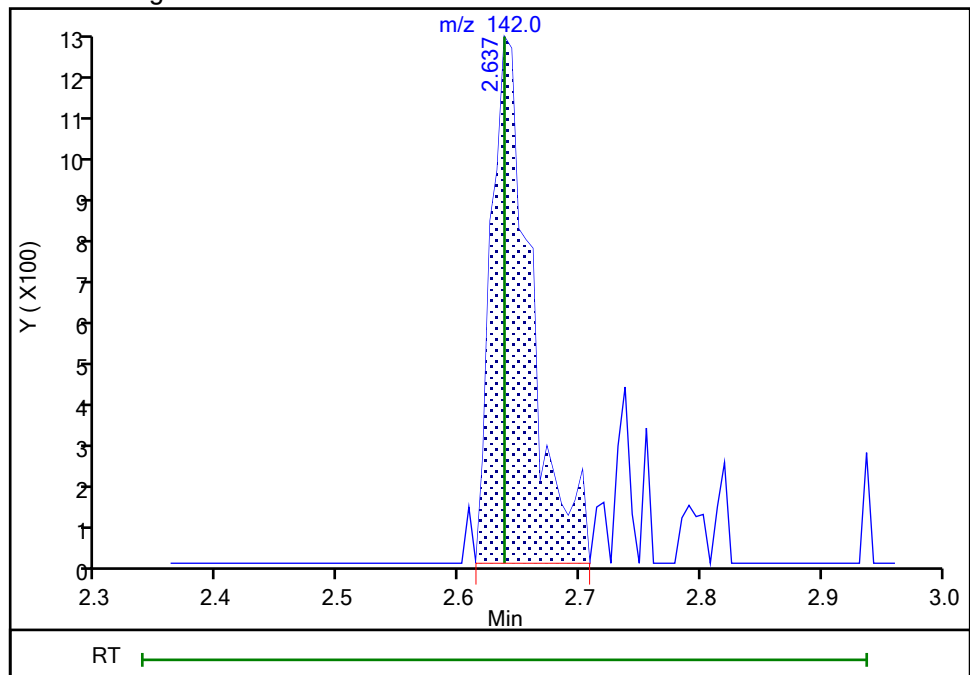
RT: 2.64

Area: 2783

Amount: 0.567874

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:37:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

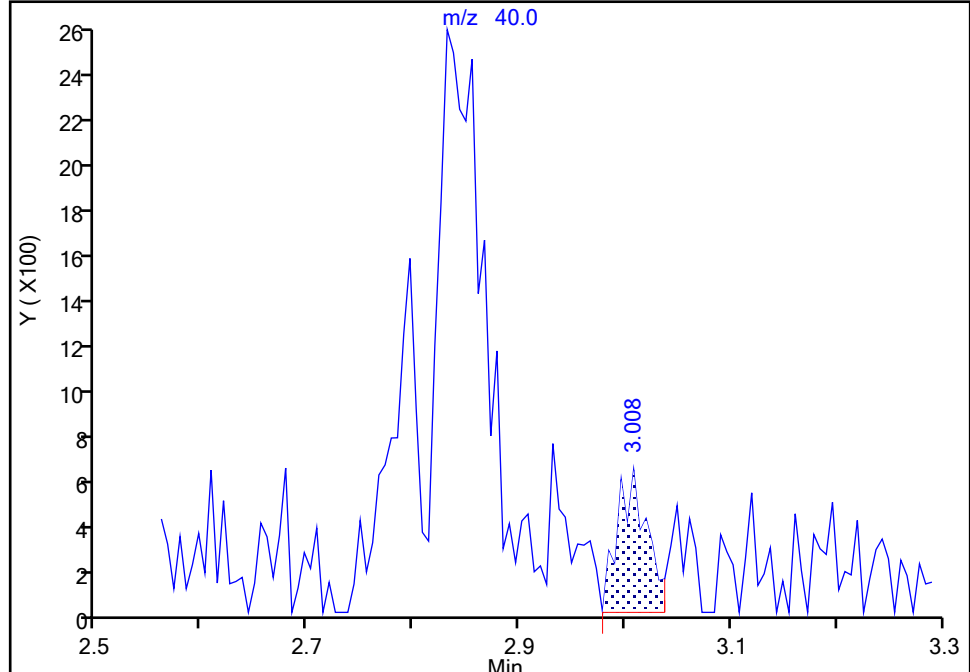
Detector: MS Quad

**27 Acetonitrile, CAS: 75-05-8**

Signal: 1

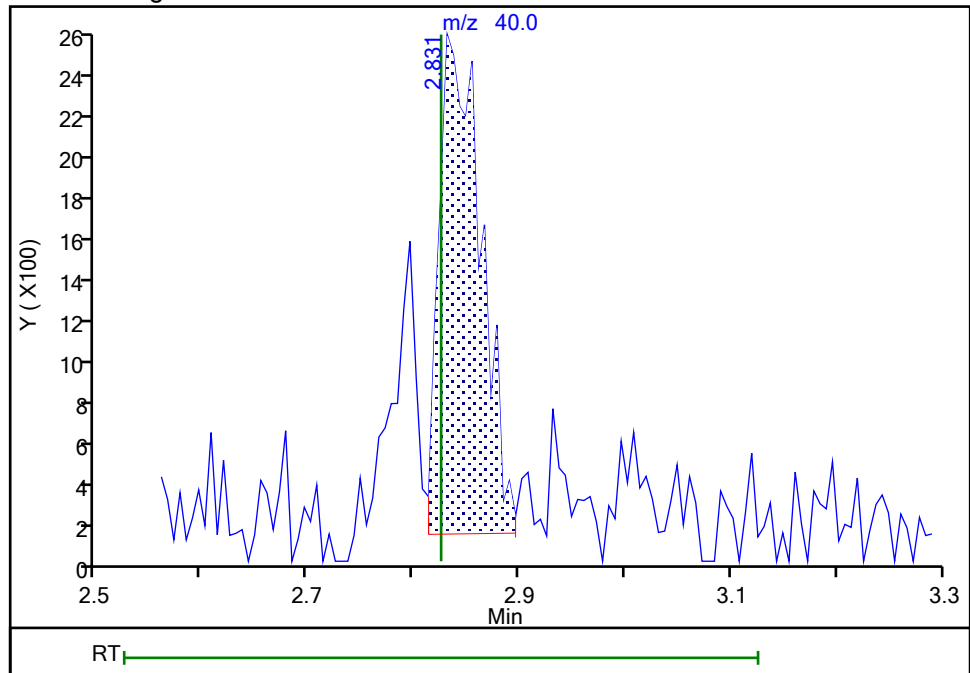
RT: 3.01  
Area: 1221  
Amount: 10.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.83  
Area: 6744  
Amount: 9.789812  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:37:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

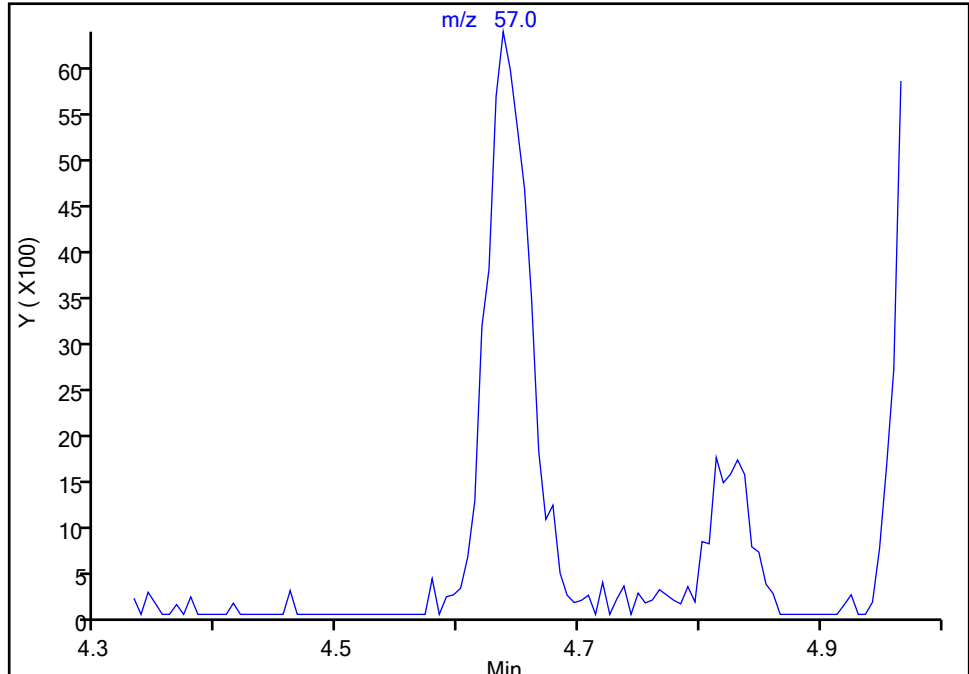
**64 Isooctane, CAS: 540-84-1**

Signal: 1

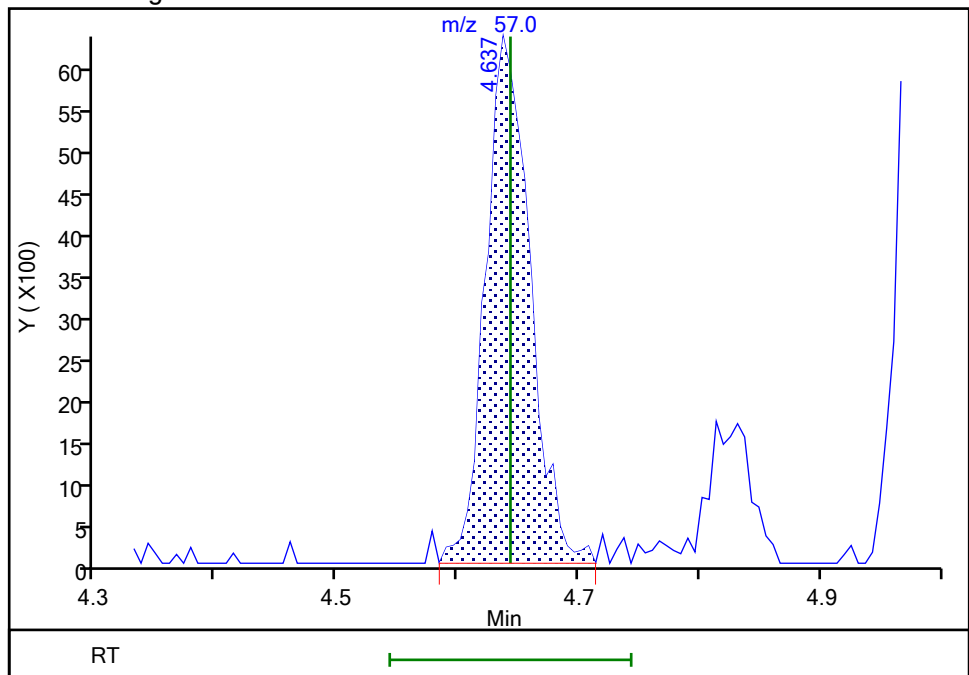
Not Detected

Expected RT: 4.64

## Processing Integration Results



## Manual Integration Results



RT: 4.64

Area: 16085

Amount: 0.990803

Amount Units: ug/l

Reviewer: boykink, 15-Apr-2021 17:37:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

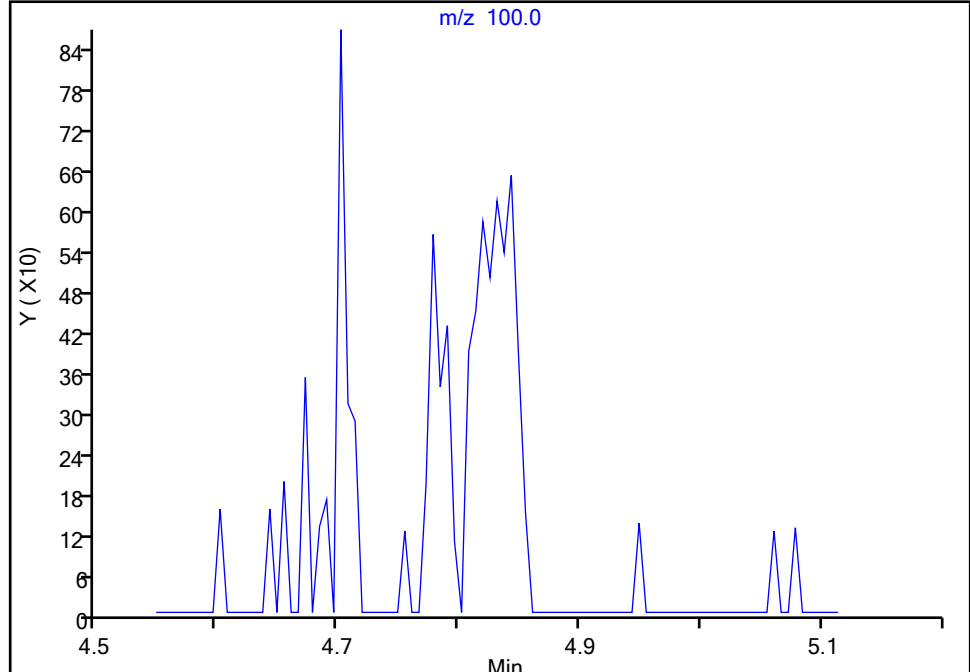
**65 n-Heptane, CAS: 142-82-5**

Signal: 1

Not Detected

Expected RT: 4.83

## Processing Integration Results



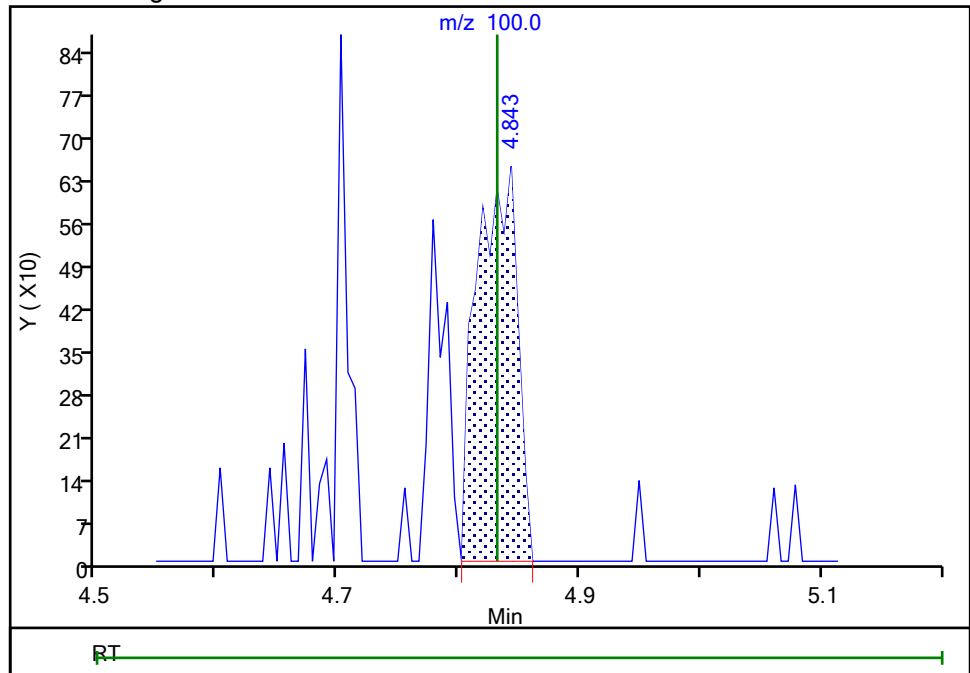
RT: 4.84

Area: 1502

Amount: 1.014124

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:37:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

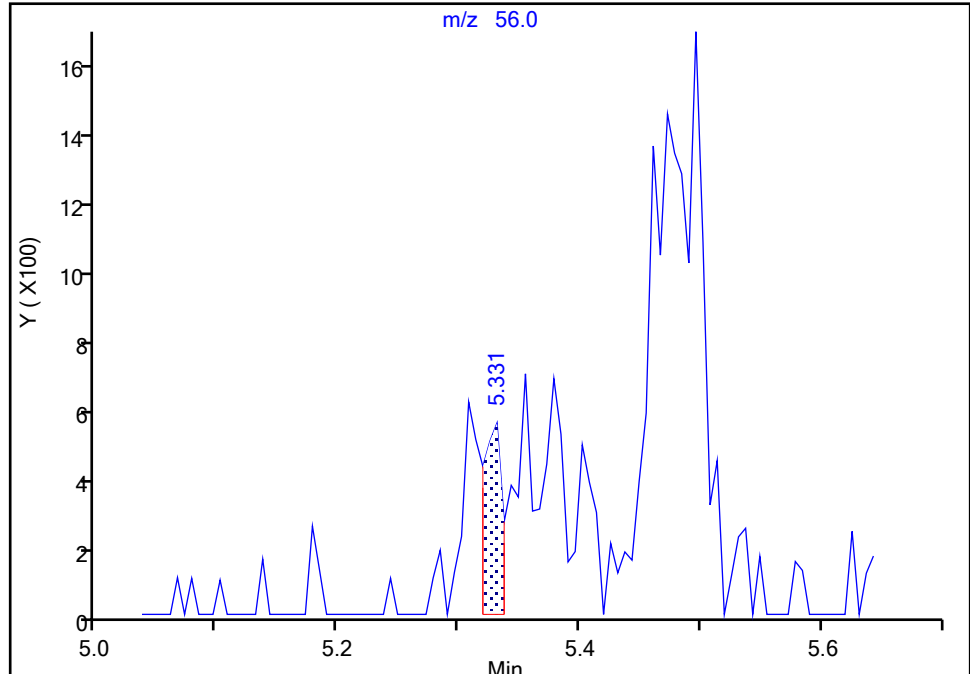
Detector: MS Quad

**70 n-Butanol, CAS: 71-36-3**

Signal: 1

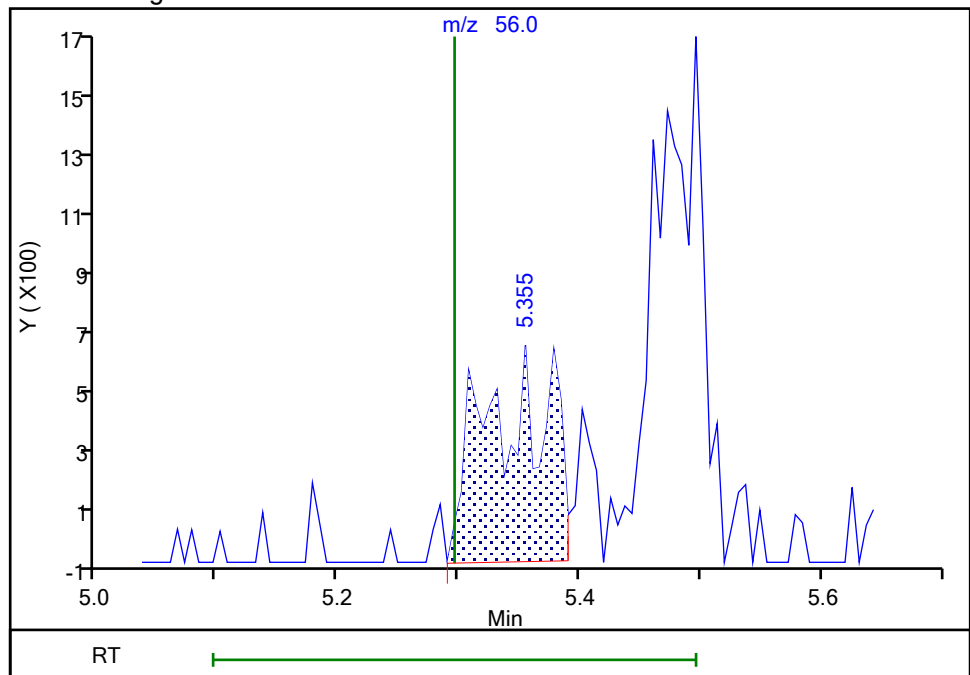
RT: 5.33  
Area: 622  
Amount: 5.474891  
Amount Units: ug/l

## Processing Integration Results



RT: 5.35  
Area: 2490  
Amount: 23.410071  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:15:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

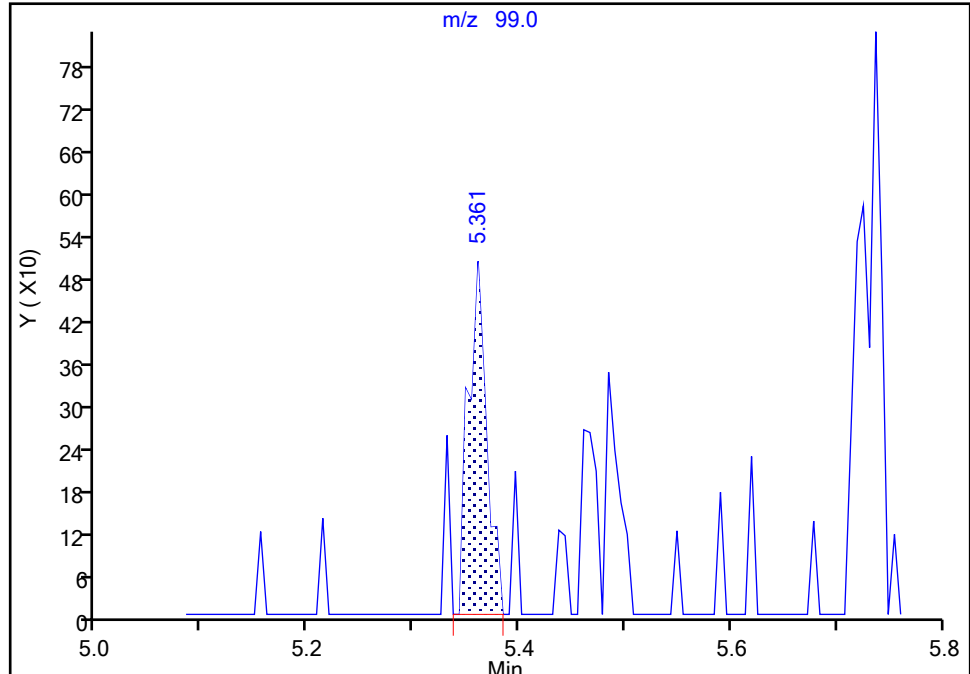
Detector: MS Quad

**71 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

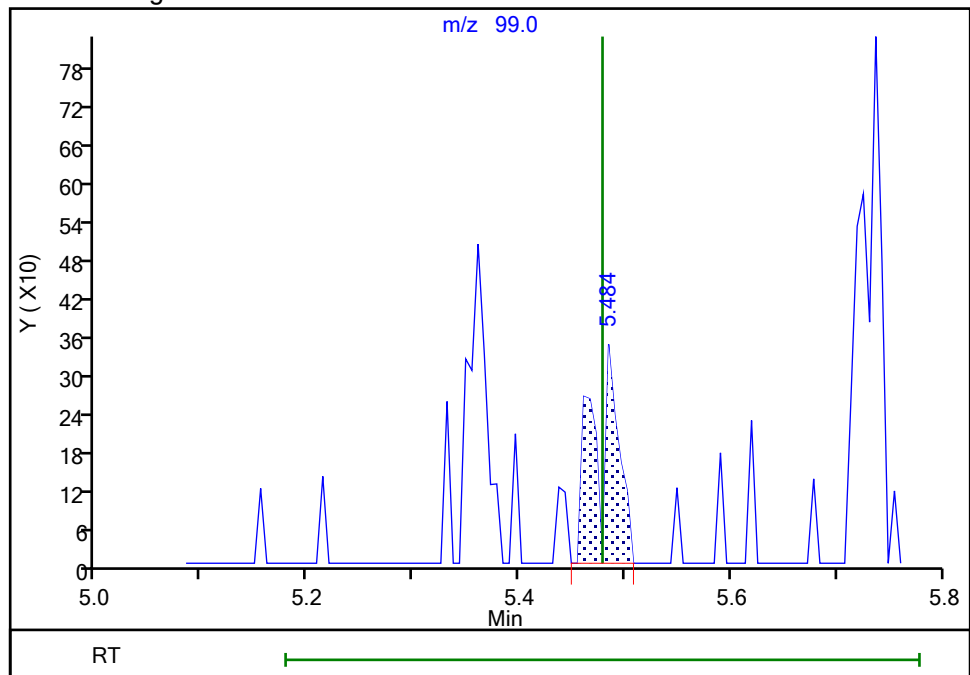
RT: 5.36  
Area: 603  
Amount: 1.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.48  
Area: 557  
Amount: 0.656844  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:37:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

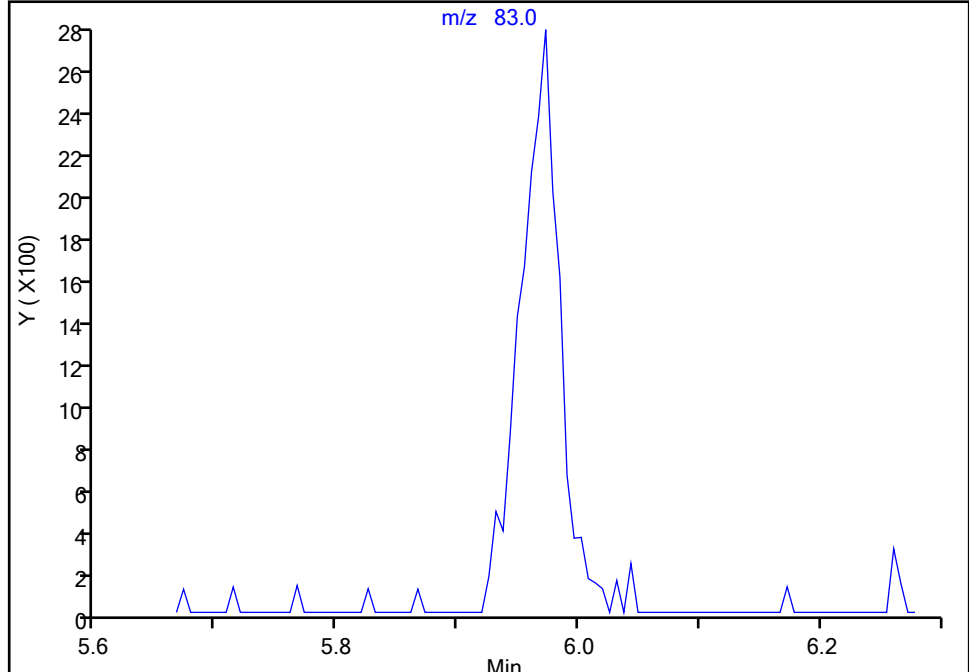
**76 Dichlorobromomethane, CAS: 75-27-4**

Signal: 1

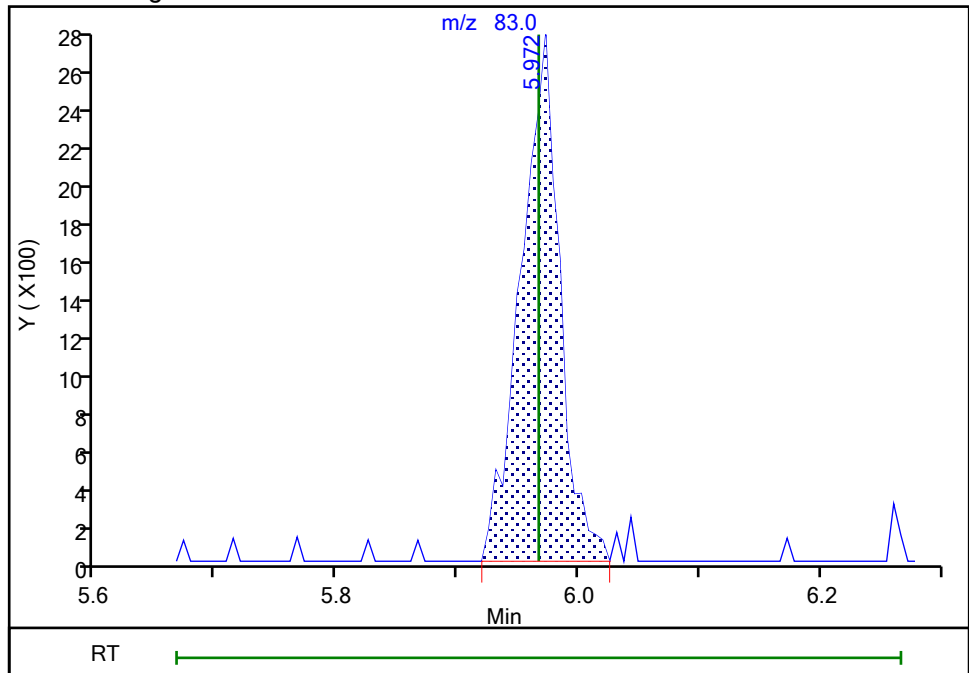
Not Detected

Expected RT: 5.97

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:38:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

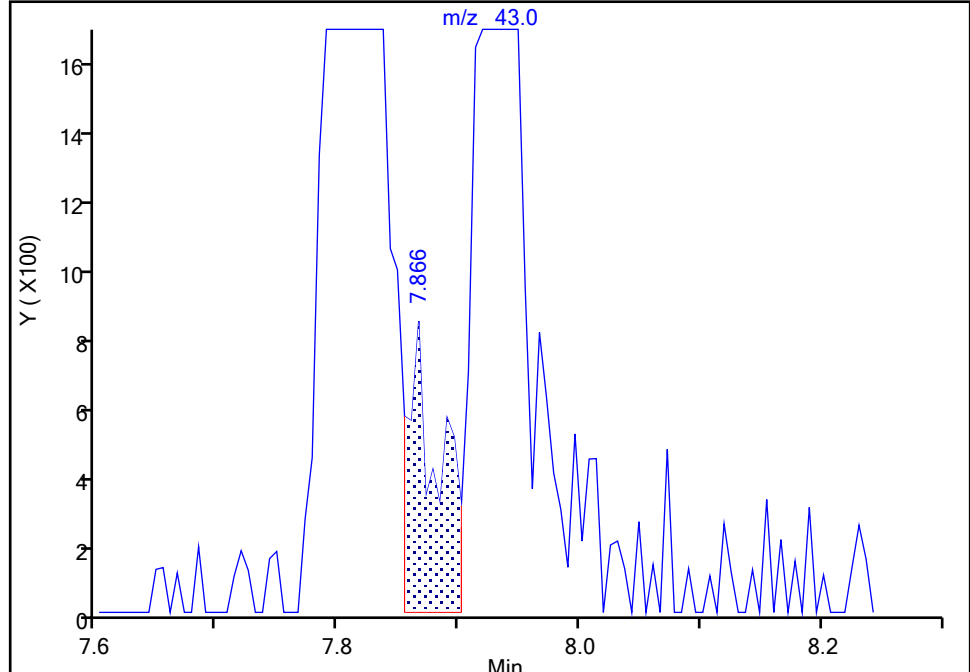
Detector: MS Quad

**92 n-Butyl acetate, CAS: 123-86-4**

Signal: 1

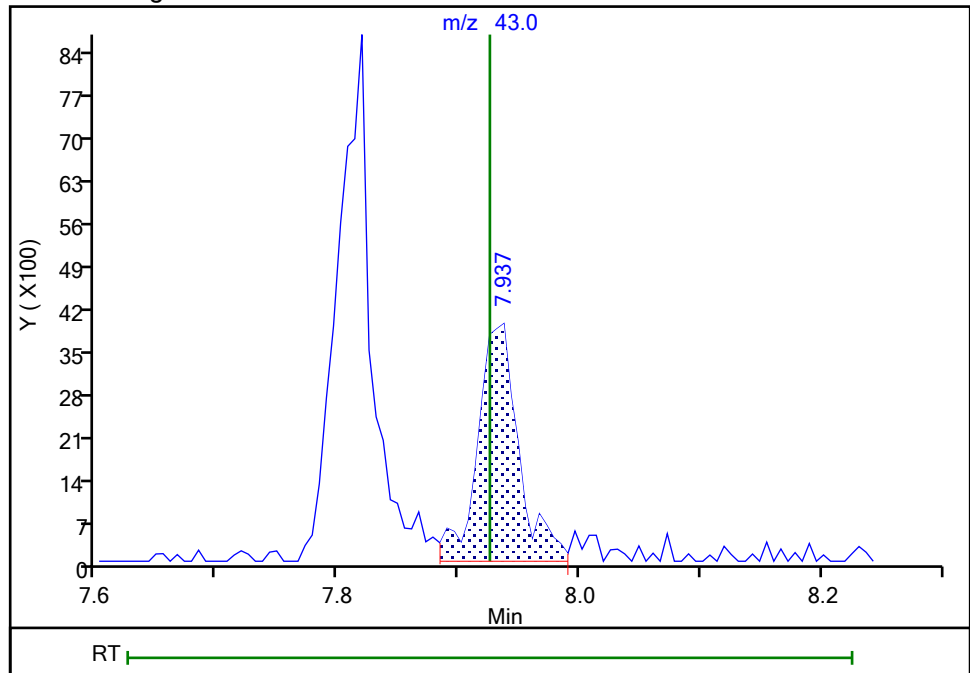
RT: 7.87  
Area: 1498  
Amount: 0.179270  
Amount Units: ug/l

## Processing Integration Results



RT: 7.94  
Area: 9263  
Amount: 1.127357  
Amount Units: ug/l

## Manual Integration Results



Reviewer: martineze, 16-Apr-2021 11:32:41

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00411.D

Injection Date: 15-Apr-2021 16:12:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

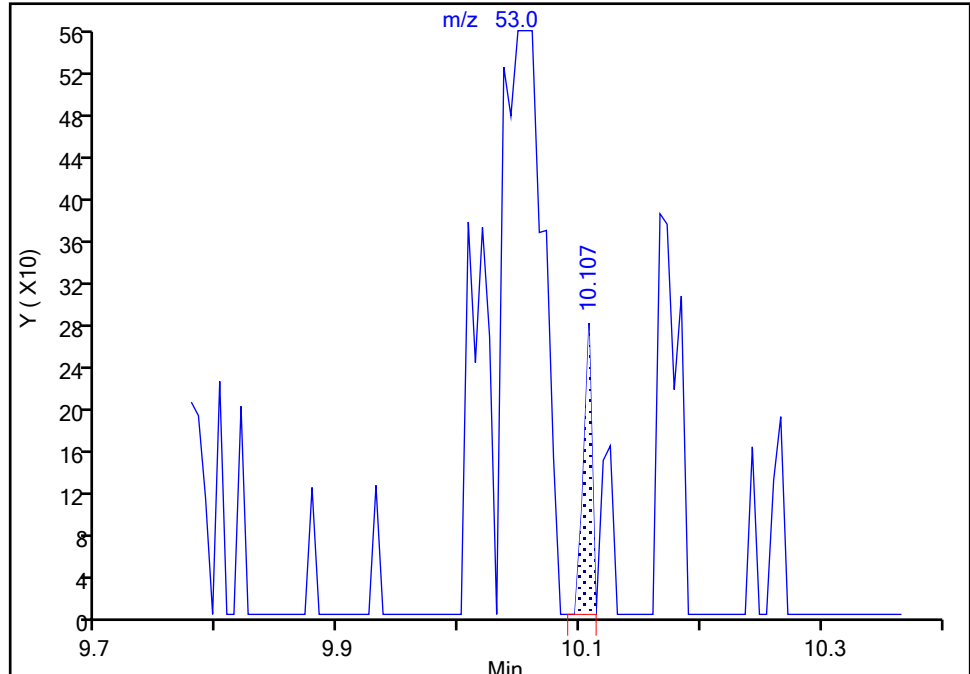
MS Quad

**112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

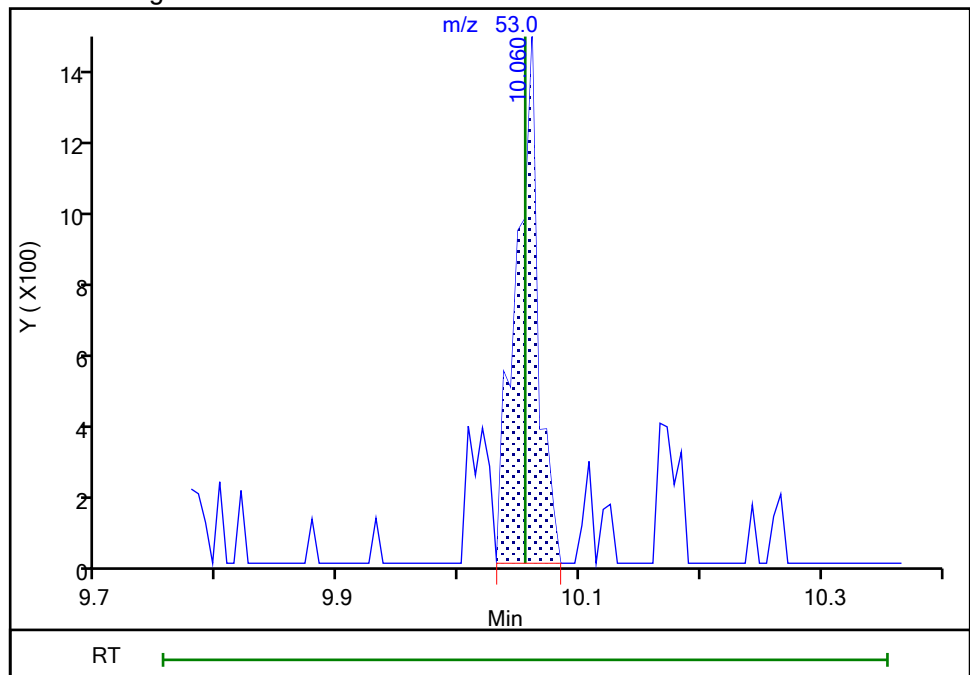
RT: 10.11  
Area: 136  
Amount: 1.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 10.06  
Area: 1837  
Amount: 0.996093  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:39:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00413.D  
 Lims ID: STD5  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 15-Apr-2021 16:57:30 ALS Bottle#: 6 Worklist Smp#: 6  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD5  
 Misc. Info.: 460-0127059-006  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Apr-2021 16:46:27 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: baronm

Date: 16-Apr-2021 16:27:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.290	1.296	-0.006	64	2010	5.00	3.97	
3 Chlorotrifluoroethene	116	1.385	1.391	-0.005	93	8505	5.00	5.02	
4 1,1-Difluoroethane	51	1.402	1.408	-0.006	26	14985	5.00	4.36	a
5 Dichlorodifluoromethane	85	1.408	1.414	-0.006	99	30310	5.00	5.00	M
2 Chlorodifluoromethane	51	1.432	1.438	-0.006	98	30969	5.00	5.11	a
6 Chloromethane	50	1.567	1.579	-0.012	99	34521	5.00	5.06	
7 Vinyl chloride	62	1.638	1.643	-0.005	97	35247	5.00	5.14	
8 Butadiene	54	1.655	1.661	-0.006	96	33426	5.00	4.92	
9 Bromomethane	94	1.890	1.890	0.000	97	12903	5.00	4.19	
10 Chloroethane	64	1.955	1.961	-0.006	98	21354	5.00	6.09	
11 Dichlorofluoromethane	67	2.096	2.102	-0.006	95	40690	5.00	4.91	
12 Trichlorofluoromethane	101	2.108	2.114	-0.006	98	36907	5.00	5.18	
13 Pentane	72	2.143	2.149	-0.006	95	9473	10.0	9.93	
17 Ethanol	46	2.267	2.273	-0.006	22	5725	200.0	287.8	a
14 Ethyl ether	74	2.302	2.308	-0.006	93	16005	5.00	4.87	
15 2-Methyl-1,3-butadiene	53	2.326	2.332	-0.006	87	24789	5.00	4.89	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.337	2.338	-0.001	81	23046	5.00	5.00	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.379	2.385	-0.006	96	34935	5.00	4.89	a
18 1,1,2,2-Tetrafluoroethane	101	2.449	2.455	-0.006	95	23776	5.00	5.17	
52 Acrolein	56	2.461	2.467	-0.006	54	8338	20.0	18.2	
20 1,1-Dichloroethene	96	2.496	2.496	0.000	97	21712	5.00	4.73	
23 Acetone	43	2.561	2.561	0.000	89	38512	25.0	27.0	
24 Isopropyl alcohol	45	2.626	2.632	-0.006	97	14962	50.0	55.7	a
21 Iodomethane	142	2.632	2.637	-0.005	94	14002	5.00	2.88	
22 Carbon disulfide	76	2.667	2.673	-0.006	99	75434	5.00	4.99	
26 3-Chloro-1-propene	76	2.767	2.773	-0.006	91	15134	5.00	4.56	
30 Methyl acetate	43	2.767	2.773	-0.006	99	50613	10.0	10.5	
25 Cyclopentene	67	2.790	2.796	-0.006	96	67000	5.00	4.92	
27 Acetonitrile	40	2.826	2.826	0.000	98	25778	50.0	56.2	
* 28 TBA-d9 (IS)	66	2.843	2.849	-0.006	99	31306	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.884	2.885	-0.001	90	25967	5.00	5.01	
31 2-Methyl-2-propanol	59	2.908	2.914	-0.006	97	25882	50.0	57.0	
32 Methyl tert-butyl ether	73	3.014	3.020	-0.006	99	75445	5.00	5.01	
33 trans-1,2-Dichloroethene	96	3.055	3.055	0.000	93	25186	5.00	4.85	
35 Acrylonitrile	53	3.114	3.114	0.000	93	123430	50.0	51.6	
36 Hexane	57	3.184	3.185	0.000	90	35948	5.00	4.61	
37 Isopropyl ether	45	3.367	3.367	0.000	99	84150	5.00	4.87	
40 Vinyl acetate	86	3.420	3.420	0.000	100	9453	10.0	8.96	
38 1,1-Dichloroethane	63	3.420	3.420	0.000	67	46216	5.00	4.82	
39 2-Chloro-1,3-butadiene	88	3.461	3.461	0.000	88	24129	5.00	4.81	
41 Tert-butyl ethyl ether	59	3.667	3.667	0.000	88	77748	5.00	4.99	
* 42 2-Butanone-d5	46	3.867	3.873	-0.006	99	261194	250.0	250.0	
43 2,2-Dichloropropane	97	3.884	3.884	0.000	62	9112	5.00	5.13	
47 Ethyl acetate	70	3.920	3.920	0.000	94	6126	10.0	10.0	
45 cis-1,2-Dichloroethene	96	3.914	3.920	-0.006	50	28339	5.00	4.91	
44 2-Butanone (MEK)	72	3.920	3.920	0.000	97	18314	25.0	29.1	
46 Methyl acrylate	55	3.979	3.979	0.000	99	28975	5.00	5.43	
48 Propionitrile	54	4.055	4.055	0.000	98	46141	50.0	61.9	
49 Chlorobromomethane	128	4.143	4.143	0.000	94	12234	5.00	4.78	
50 Tetrahydrofuran	72	4.143	4.143	0.000	84	8201	10.0	10.9	
54 Methacrylonitrile	67	4.155	4.155	0.000	91	130887	50.0	49.2	
51 Chloroform	83	4.190	4.190	0.000	97	42041	5.00	4.90	
53 Cyclohexane	84	4.326	4.326	0.000	90	43859	5.00	4.97	
55 1,1,1-Trichloroethane	97	4.331	4.331	0.000	72	35531	5.00	4.76	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	97	159962	50.0	48.7	
57 Carbon tetrachloride	117	4.455	4.455	0.000	97	28692	5.00	4.70	
58 1,1-Dichloropropene	75	4.484	4.484	0.000	99	36043	5.00	4.80	
61 Isobutyl alcohol	43	4.596	4.596	0.000	88	26324	125.0	158.0	
64 Isooctane	57	4.637	4.643	-0.006	96	79606	5.00	4.95	
59 Benzene	78	4.678	4.690	-0.012	96	105800	5.00	4.90	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	93	154468	50.0	45.5	
66 Isopropyl acetate	61	4.726	4.720	0.006	94	13493	5.00	5.09	
62 Tert-amyl methyl ether	73	4.731	4.737	-0.006	85	71382	5.00	4.63	
63 1,2-Dichloroethane	62	4.778	4.779	-0.001	85	28451	5.00	4.84	
65 n-Heptane	100	4.826	4.831	-0.005	91	7089	5.00	4.83	
* 67 Fluorobenzene	96	4.978	4.979	0.000	99	550578	50.0	50.0	
70 n-Butanol	56	5.302	5.296	0.006	74	9622	125.0	107.2	
69 Trichloroethene	95	5.349	5.349	0.000	96	24735	5.00	4.70	
72 Methylcyclohexane	83	5.484	5.478	0.006	86	43278	5.00	4.78	
71 Ethyl acrylate	99	5.467	5.478	-0.011	95	5067	5.00	6.03	
73 1,2-Dichloropropane	63	5.655	5.655	0.000	92	24782	5.00	4.63	
* 68 1,4-Dioxane-d8	96	5.725	5.731	-0.006	53	25700	1000.0	1000.0	
74 Methyl methacrylate	100	5.731	5.731	0.000	92	15934	10.0	9.94	
78 1,4-Dioxane	88	5.784	5.784	0.000	30	6944	100.0	95.4	
77 n-Propyl acetate	43	5.784	5.790	-0.006	98	38737	5.00	4.64	
75 Dibromomethane	93	5.814	5.802	0.012	94	14555	5.00	4.97	a
76 Dichlorobromomethane	83	5.961	5.967	-0.006	98	28991	5.00	4.72	
34 2-Nitropropane	41	6.325	6.320	0.005	86	16252	10.0	10.6	
79 2-Chloroethyl vinyl ether	63	6.325	6.325	0.000	76	17030	5.01	4.76	
80 Epichlorohydrin	57	6.449	6.449	0.000	98	57322	100.0	114.2	
81 cis-1,3-Dichloropropene	75	6.514	6.508	0.006	90	41595	5.00	4.89	
84 4-Methyl-2-pentanone (MIBK)	43	6.684	6.678	0.006	96	130398	25.0	28.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	752775	50.0	50.9	
83 Toluene	91	6.861	6.867	-0.006	92	110214	5.00	4.88	
85 trans-1,3-Dichloropropene	75	7.272	7.272	0.000	97	37537	5.00	4.95	
86 Ethyl methacrylate	69	7.296	7.290	0.006	86	34243	5.00	4.90	
87 1,1,2-Trichloroethane	83	7.514	7.508	0.006	95	19468	5.00	5.05	
88 Tetrachloroethene	166	7.561	7.561	0.000	94	25984	5.00	4.99	
89 1,3-Dichloropropane	76	7.743	7.749	-0.006	96	39759	5.00	5.04	
91 2-Hexanone	43	7.802	7.808	-0.006	97	87903	25.0	28.8	
92 n-Butyl acetate	43	7.925	7.925	0.000	98	41578	5.00	5.02	
90 Chlorodibromomethane	129	7.984	7.984	0.000	98	22911	5.00	5.01	
93 Ethylene Dibromide	107	8.137	8.131	0.006	94	22938	5.00	5.04	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	86	377692	50.0	50.0	
95 Chlorobenzene	112	8.661	8.661	0.000	95	65251	5.00	4.85	
97 Ethylbenzene	106	8.743	8.743	0.000	98	37260	5.00	4.94	
96 1,1,1,2-Tetrachloroethane	131	8.761	8.761	0.000	95	21791	5.00	4.71	
98 m-Xylene & p-Xylene	106	8.872	8.872	0.000	96	42868	5.00	4.73	
99 n-Butyl acrylate	73	9.272	9.266	0.006	99	19917	5.00	4.96	
100 o-Xylene	106	9.284	9.284	0.000	94	43035	5.00	4.86	
101 Styrene	104	9.319	9.314	0.005	95	70665	5.00	4.78	
102 Amyl acetate (mixed isomers)	43	9.490	9.490	0.000	91	43282	5.00	5.04	
103 Bromoform	173	9.525	9.525	0.000	96	15005	5.00	4.76	
104 Isopropylbenzene	105	9.631	9.631	0.000	95	107926	5.00	5.00	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	180149	50.0	50.9	
107 Bromobenzene	156	9.955	9.949	0.006	97	25907	5.00	5.15	
108 1,1,2,2-Tetrachloroethane	83	9.996	9.996	0.000	98	28974	5.00	4.70	
109 N-Propylbenzene	91	10.008	10.008	0.000	99	129535	5.00	5.10	
115 1,2,3-Trichloropropane	110	10.037	10.037	0.000	95	9577	5.00	5.28	
112 trans-1,4-Dichloro-2-butene	53	10.055	10.055	0.000	83	8313	5.00	4.65	
114 2-Chlorotoluene	91	10.113	10.113	0.000	93	88332	5.00	4.99	
113 4-Ethyltoluene	105	10.113	10.113	0.000	89	108287	5.00	5.10	
116 1,3,5-Trimethylbenzene	105	10.172	10.172	0.000	93	86147	5.00	4.97	
110 4-Chlorotoluene	91	10.219	10.219	0.000	98	78123	5.00	5.08	
117 Butyl Methacrylate	87	10.260	10.261	-0.001	86	27601	5.00	4.56	
118 tert-Butylbenzene	119	10.443	10.443	0.000	97	75703	5.00	5.08	
119 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	87096	5.00	5.05	
120 sec-Butylbenzene	105	10.625	10.625	0.000	99	110793	5.00	5.18	
121 4-Isopropyltoluene	119	10.749	10.749	0.000	98	93800	5.00	5.01	
122 1,3-Dichlorobenzene	146	10.760	10.760	0.000	94	45873	5.00	4.72	
* 106 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	94	173497	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.837	10.837	0.000	93	48525	5.00	4.80	
123 1,2,3-Trimethylbenzene	105	10.855	10.849	0.006	99	85296	5.00	4.87	
125 Benzyl chloride	91	10.960	10.960	0.000	99	52802	5.00	4.72	
111 2,3-Dihydroindene	117	11.013	11.013	0.000	95	87052	5.00	5.10	
126 p-Diethylbenzene	119	11.055	11.055	0.000	93	46842	5.00	4.99	
127 n-Butylbenzene	92	11.078	11.078	0.000	99	46515	5.00	4.94	
128 1,2-Dichlorobenzene	146	11.143	11.143	0.000	96	44362	5.00	4.95	
130 1,2,4,5-Tetramethylbenzene	119	11.660	11.660	0.000	97	70876	5.00	4.75	
129 1,2-Dibromo-3-Chloropropane	157	11.760	11.760	0.000	93	6556	5.00	4.87	
132 1,3,5-Trichlorobenzene	180	11.866	11.866	0.000	97	29521	5.00	4.67	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	92	28023	5.00	4.89	
133 Hexachlorobutadiene	225	12.402	12.402	0.000	92	10367	5.00	4.76	
134 Naphthalene	128	12.513	12.513	0.000	99	79745	5.00	4.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.690	12.690	0.000	95	24650	5.00	4.56	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.76	
S 137 Xylenes, Total	100				0		10.0	9.59	
S 138 1,3-Dichloropropene, Total	1				0		10.0	9.84	
S 139 Total BTEX	1				0		25.0	24.3	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

GASES Li_00416	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00135	Amount Added: 10.00	Units: uL	
524freon_00035	Amount Added: 10.00	Units: uL	
ACROLEIN W_00122	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00413.D

Injection Date: 15-Apr-2021 16:57:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

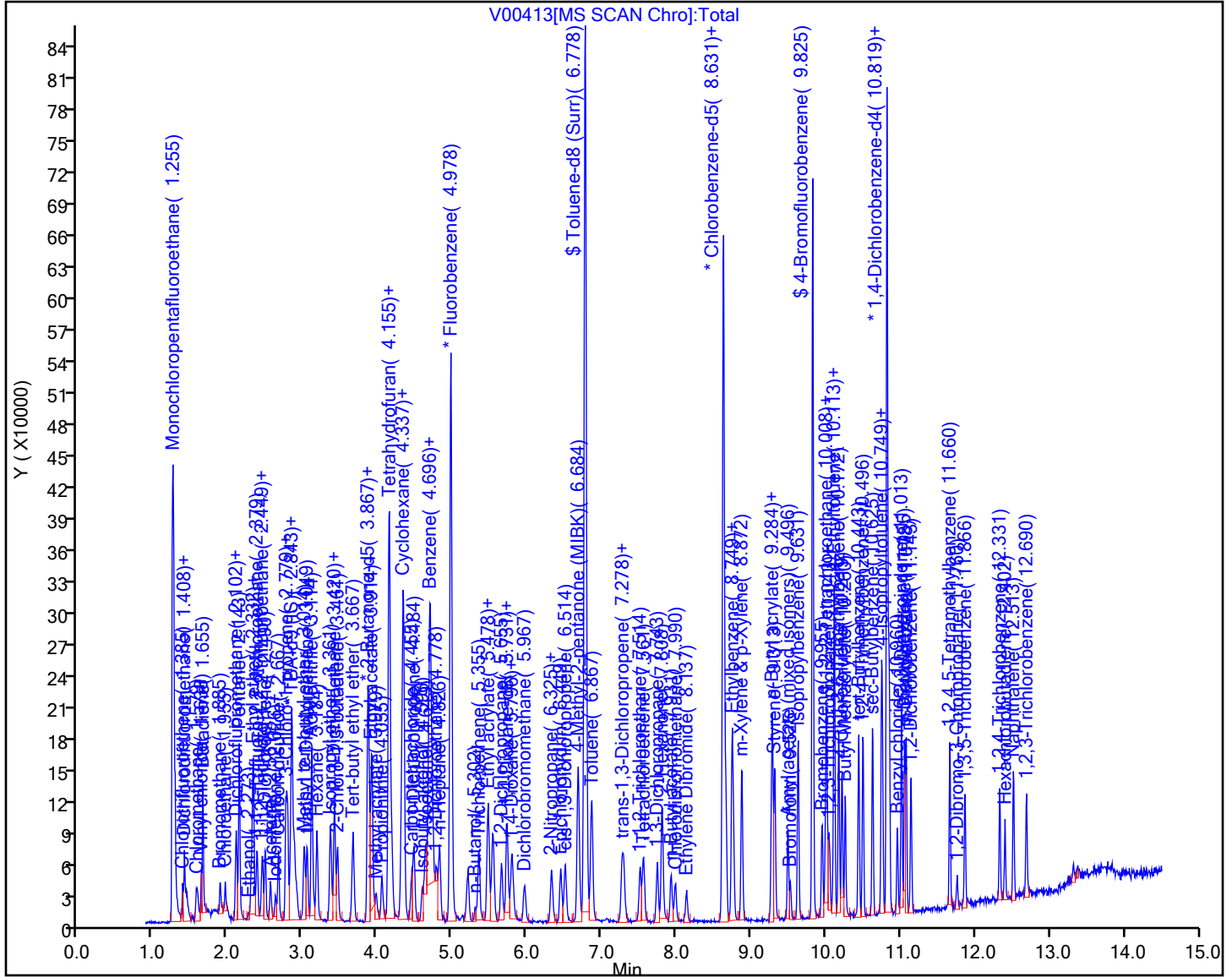
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00413.D

Injection Date: 15-Apr-2021 16:57:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

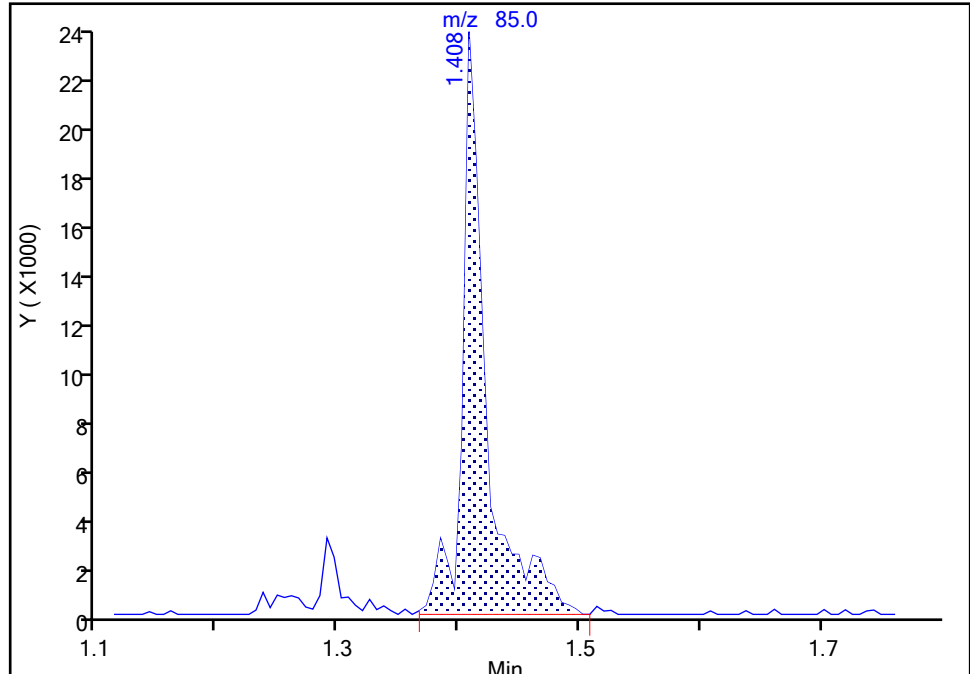
MS Quad

**5 Dichlorodifluoromethane, CAS: 75-71-8**

Signal: 1

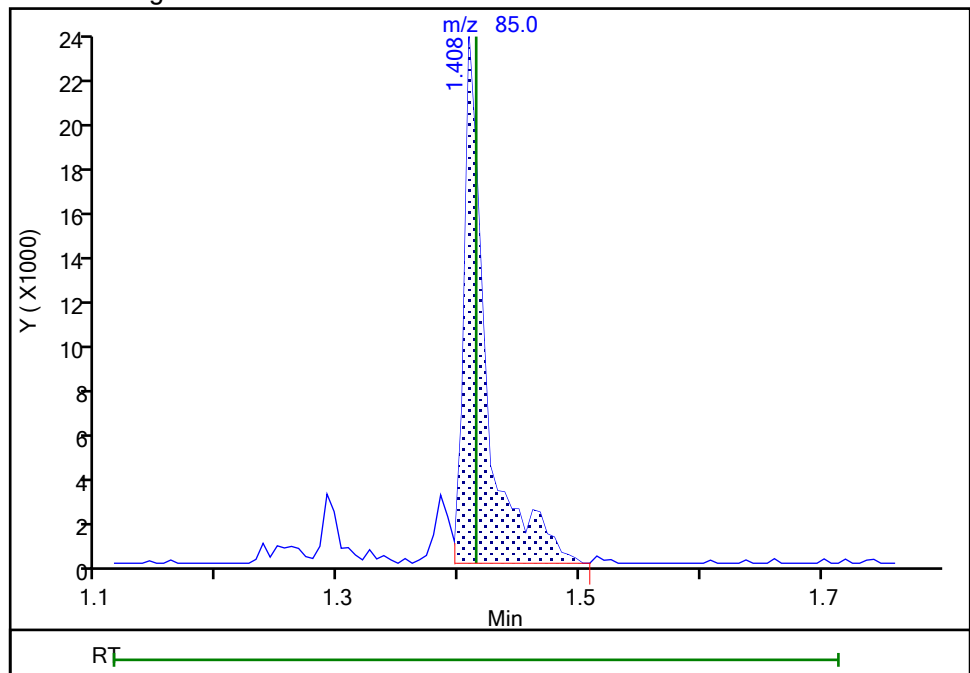
RT: 1.41  
Area: 32749  
Amount: 5.333301  
Amount Units: ug/l

## Processing Integration Results



RT: 1.41  
Area: 30310  
Amount: 5.002331  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:27:25

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00413.D

Injection Date: 15-Apr-2021 16:57:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

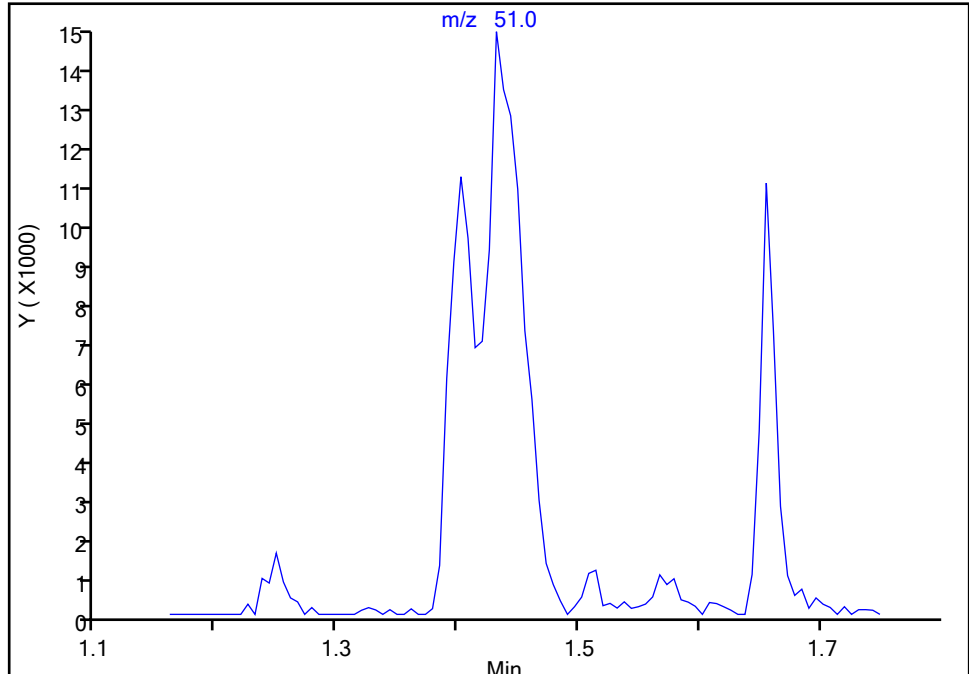
**2 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

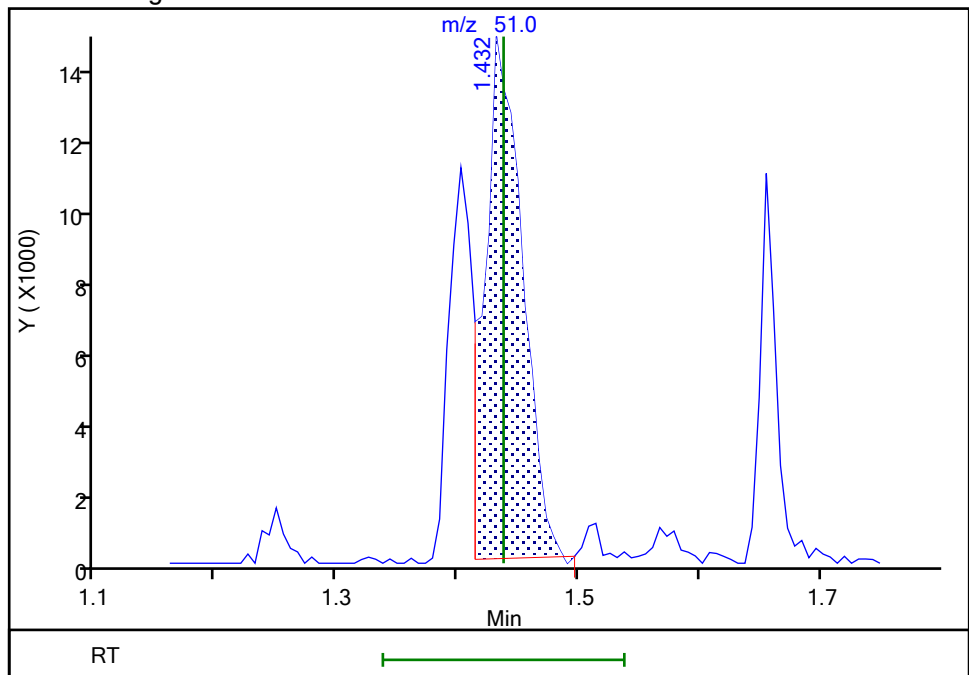
Not Detected

Expected RT: 1.44

## Processing Integration Results



## Manual Integration Results



RT: 1.43

Area: 30969

Amount: 5.110474

Amount Units: ug/l

Reviewer: martineze, 16-Apr-2021 11:41:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00413.D

Injection Date: 15-Apr-2021 16:57:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

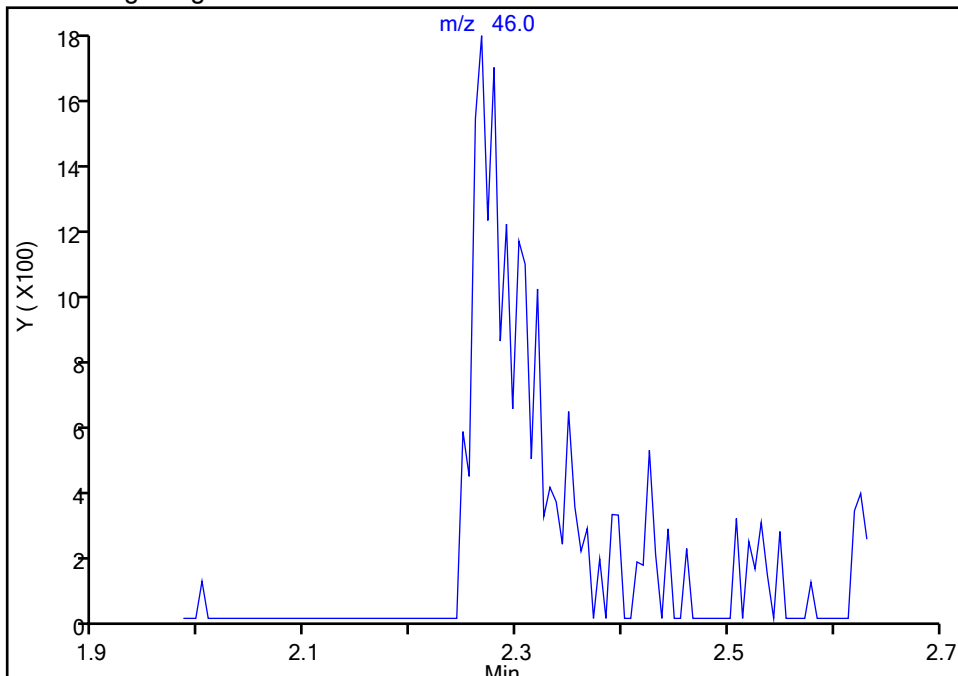
## 17 Ethanol, CAS: 64-17-5

Signal: 1

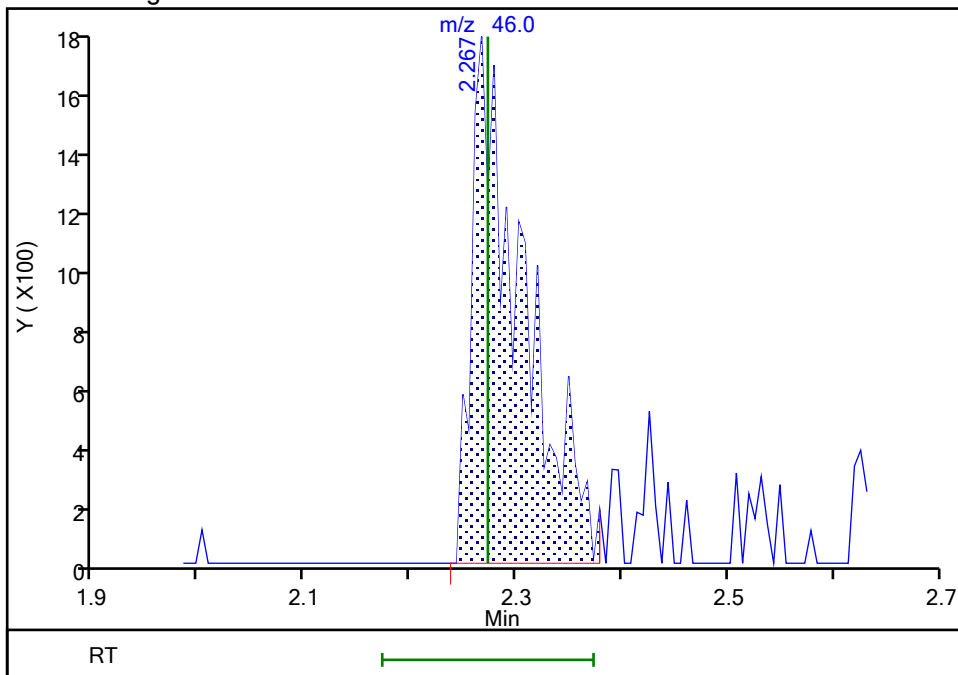
Not Detected

Expected RT: 2.27

## Processing Integration Results



## Manual Integration Results



RT: 2.27

Area: 5725

Amount: 287.7825

Amount Units: ug/l

Reviewer: boykink, 15-Apr-2021 17:19:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00413.D

Injection Date: 15-Apr-2021 16:57:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

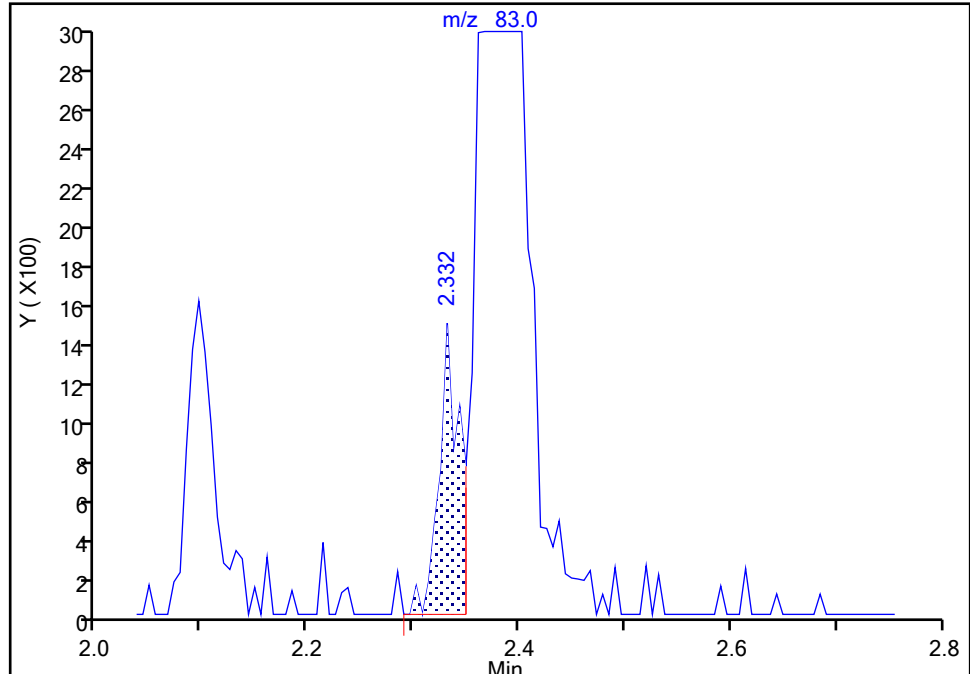
MS Quad

**19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

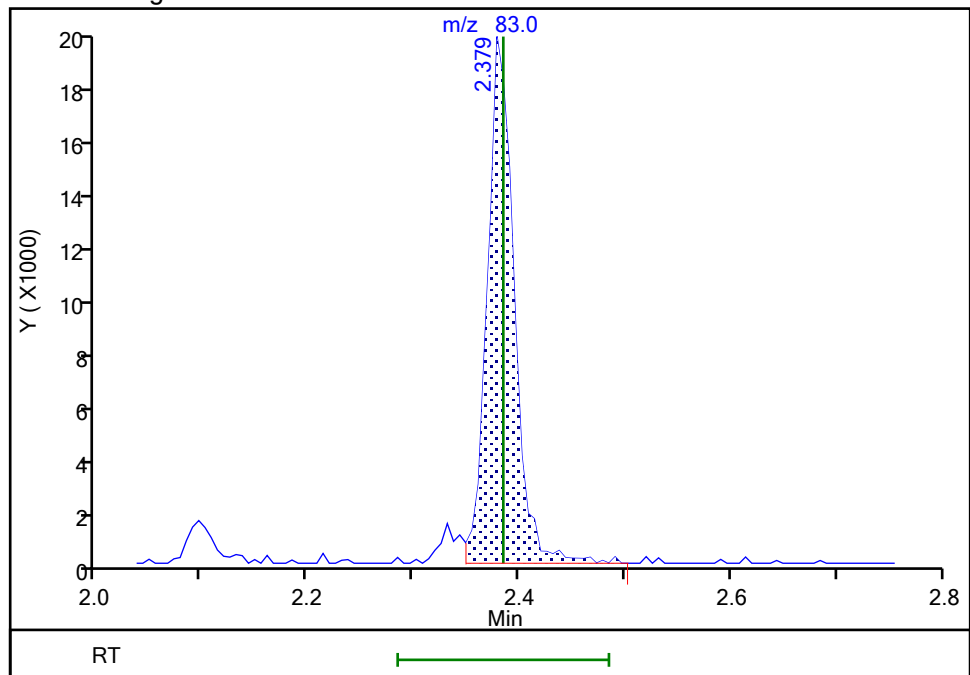
RT: 2.33  
Area: 2015  
Amount: 0.262998  
Amount Units: ug/l

## Processing Integration Results



RT: 2.38  
Area: 34935  
Amount: 4.892573  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:19:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00413.D

Injection Date: 15-Apr-2021 16:57:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

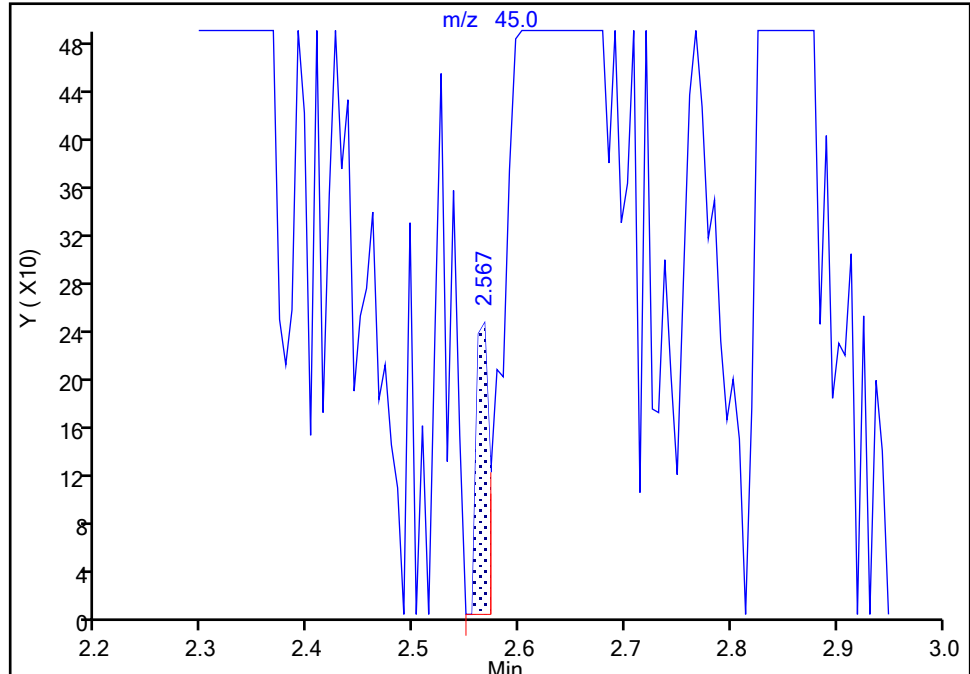
MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

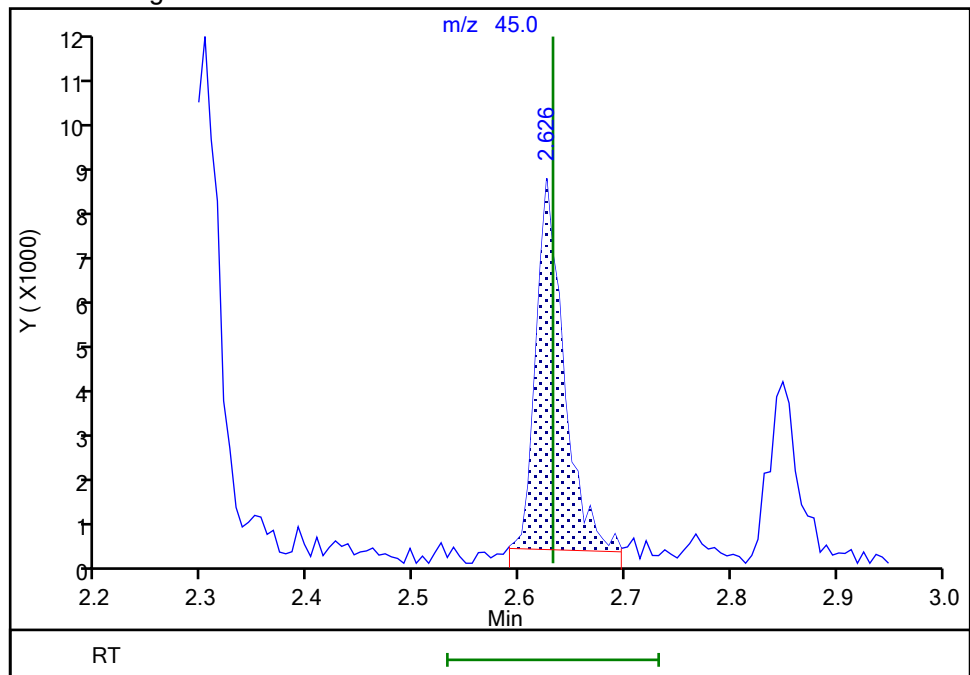
RT: 2.57  
Area: 211  
Amount: 0.960789  
Amount Units: ug/l

## Processing Integration Results



RT: 2.63  
Area: 14962  
Amount: 55.666085  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:17:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00413.D

Injection Date: 15-Apr-2021 16:57:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

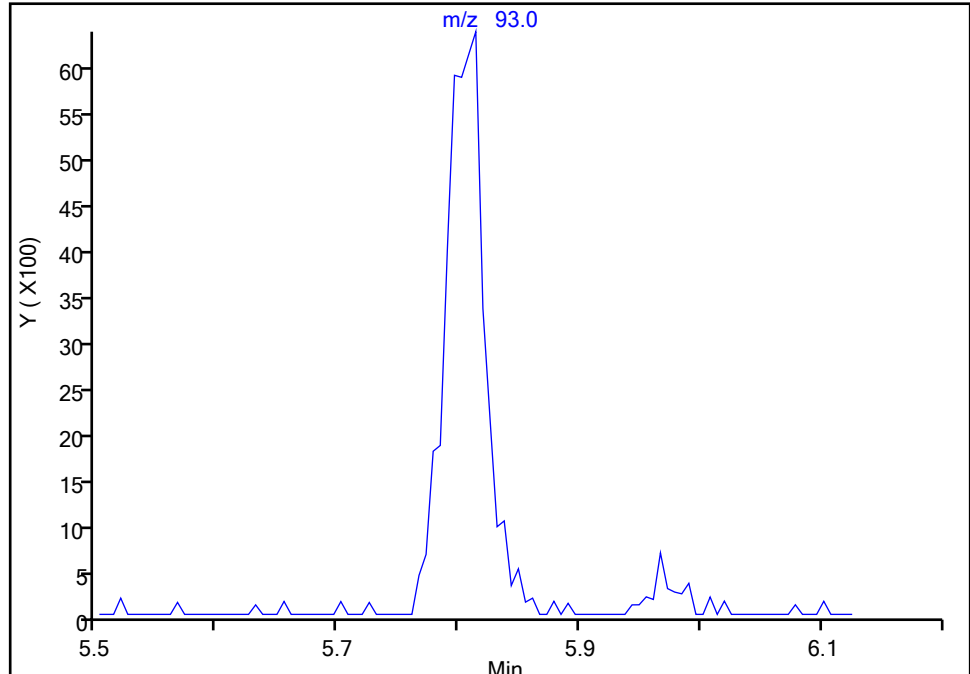
**75 Dibromomethane, CAS: 74-95-3**

Signal: 1

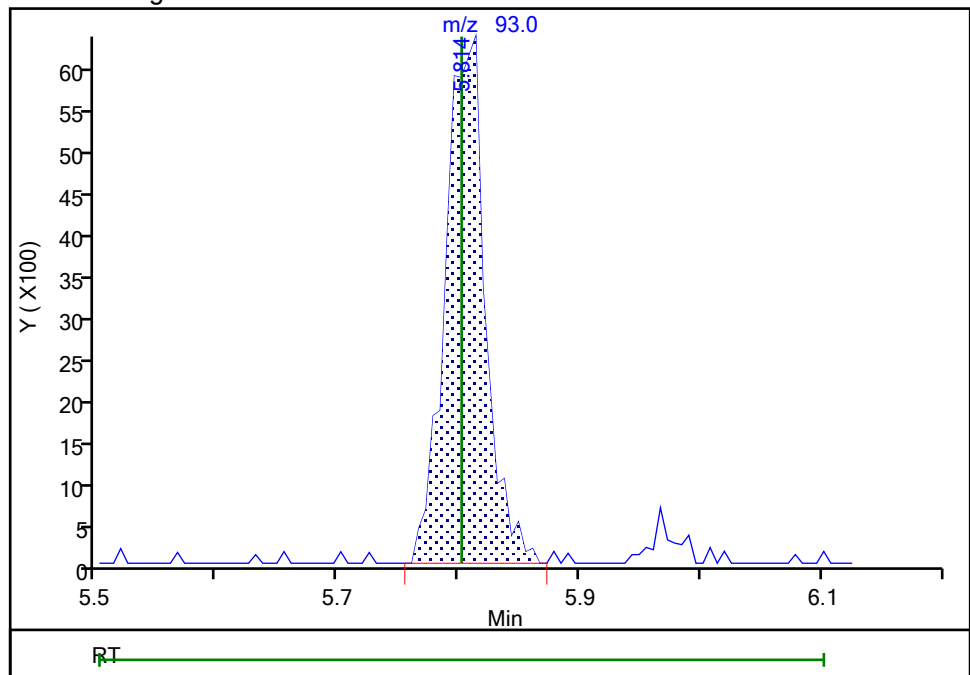
Not Detected

Expected RT: 5.80

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 17:20:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00414.D  
 Lims ID: STD20  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 15-Apr-2021 17:20:30 ALS Bottle#: 7 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD20  
 Misc. Info.: 460-0127059-007  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Apr-2021 16:46:41 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: boykink

Date: 15-Apr-2021 18:52:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.296	1.296	0.000	79	6740	20.0	12.7	
3 Chlorotrifluoroethene	116	1.391	1.391	0.000	91	34187	20.0	19.2	
4 1,1-Difluoroethane	51	1.408	1.408	0.000	90	72223	20.0	20.0	
5 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	132572	20.0	20.8	
2 Chlorodifluoromethane	51	1.438	1.438	0.000	99	119499	20.0	18.8	
6 Chloromethane	50	1.579	1.579	0.000	99	145345	20.0	20.3	
7 Vinyl chloride	62	1.643	1.643	0.000	98	141295	20.0	19.6	
8 Butadiene	54	1.661	1.661	0.000	97	144685	20.0	20.3	
9 Bromomethane	94	1.890	1.890	0.000	98	73754	20.0	19.8	
10 Chloroethane	64	1.961	1.961	0.000	99	80841	20.0	19.1	
11 Dichlorofluoromethane	67	2.102	2.102	0.000	98	183968	20.0	21.1	
12 Trichlorofluoromethane	101	2.114	2.114	0.000	99	152937	20.0	20.4	
13 Pentane	72	2.149	2.149	0.000	96	39491	40.0	39.4	
17 Ethanol	46	2.273	2.273	0.000	67	23411	800.0	924.4	a
14 Ethyl ether	74	2.308	2.308	0.000	94	66358	20.0	19.2	
15 2-Methyl-1,3-butadiene	53	2.332	2.332	0.000	89	99831	20.0	18.8	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.338	2.338	0.000	94	91150	20.0	18.8	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.385	2.385	0.000	98	147546	20.0	19.7	a
18 1,1,2,2-TCTFE	101	2.455	2.455	0.000	96	96093	20.0	19.9	
52 Acrolein	56	2.467	2.467	0.000	94	23798	40.0	41.1	
20 1,1-Dichloroethene	96	2.496	2.496	0.000	97	94061	20.0	19.5	
23 Acetone	43	2.561	2.561	0.000	88	163102	100.0	95.0	
24 Isopropyl alcohol	45	2.632	2.632	0.000	98	67514	200.0	198.6	a
21 Iodomethane	142	2.637	2.637	0.000	97	70882	20.0	13.9	
22 Carbon disulfide	76	2.673	2.673	0.000	99	302094	20.0	19.0	
26 3-Chloro-1-propene	76	2.773	2.773	0.000	90	67614	20.0	19.4	
30 Methyl acetate	43	2.773	2.773	0.000	99	205664	40.0	40.7	
25 Cyclopentene	67	2.796	2.796	0.000	96	285928	20.0	20.0	
27 Acetonitrile	40	2.826	2.826	0.000	99	97725	200.0	187.7	
* 28 TBA-d9 (IS)	66	2.849	2.849	0.000	99	39604	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.885	2.885	0.000	94	104308	20.0	19.2	
31 2-Methyl-2-propanol	59	2.914	2.914	0.000	99	113187	200.0	197.0	
32 Methyl tert-butyl ether	73	3.020	3.020	0.000	97	315119	20.0	19.9	
33 trans-1,2-Dichloroethene	96	3.055	3.055	0.000	95	106121	20.0	19.5	
35 Acrylonitrile	53	3.114	3.114	0.000	94	514426	200.0	204.7	
36 Hexane	57	3.185	3.185	0.000	93	166803	20.0	20.4	
37 Isopropyl ether	45	3.367	3.367	0.000	98	370433	20.0	20.4	
40 Vinyl acetate	86	3.420	3.420	0.000	100	49549	40.0	39.0	
38 1,1-Dichloroethane	63	3.420	3.420	0.000	61	203189	20.0	20.2	
39 2-Chloro-1,3-butadiene	88	3.461	3.461	0.000	88	106081	20.0	20.1	
41 Tert-butyl ethyl ether	59	3.667	3.667	0.000	90	329106	20.0	20.1	
* 42 2-Butanone-d5	46	3.873	3.873	0.000	93	315010	250.0	250.0	
43 2,2-Dichloropropane	97	3.884	3.884	0.000	94	36126	20.0	19.4	
47 Ethyl acetate	70	3.920	3.920	0.000	92	29733	40.0	40.3	
45 cis-1,2-Dichloroethene	96	3.920	3.920	0.000	48	115621	20.0	19.1	
44 2-Butanone (MEK)	72	3.920	3.920	0.000	96	74632	100.0	98.2	
46 Methyl acrylate	55	3.979	3.979	0.000	100	108798	20.0	19.4	
48 Propionitrile	54	4.055	4.055	0.000	99	200197	200.0	212.2	
49 Chlorobromomethane	128	4.143	4.143	0.000	95	50953	20.0	19.0	
50 Tetrahydrofuran	72	4.143	4.143	0.000	85	36873	40.0	40.8	
54 Methacrylonitrile	67	4.155	4.155	0.000	93	565654	200.0	202.6	
51 Chloroform	83	4.190	4.190	0.000	99	174338	20.0	19.3	
53 Cyclohexane	84	4.326	4.326	0.000	92	180307	20.0	19.5	
55 1,1,1-Trichloroethane	97	4.331	4.331	0.000	97	150721	20.0	19.2	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	97	170640	50.0	49.5	
57 Carbon tetrachloride	117	4.455	4.455	0.000	96	125622	20.0	19.6	
58 1,1-Dichloropropene	75	4.484	4.484	0.000	98	153010	20.0	19.4	
61 Isobutyl alcohol	43	4.596	4.596	0.000	95	101770	500.0	482.7	
64 Isooctane	57	4.643	4.643	0.000	100	353112	20.0	20.9	
59 Benzene	78	4.690	4.690	0.000	96	468844	20.0	20.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	92	168827	50.0	47.3	
66 Isopropyl acetate	61	4.720	4.720	0.000	97	51455	20.0	18.4	
62 Tert-amyl methyl ether	73	4.737	4.737	0.000	95	325973	20.0	20.1	
63 1,2-Dichloroethane	62	4.779	4.779	0.000	95	121876	20.0	19.7	
65 n-Heptane	100	4.831	4.831	0.000	93	33054	20.0	21.4	
* 67 Fluorobenzene	96	4.979	4.979	0.000	99	578283	50.0	50.0	
70 n-Butanol	56	5.296	5.296	0.000	85	52731	500.0	464.4	
69 Trichloroethene	95	5.349	5.349	0.000	98	104647	20.0	18.9	
72 Methylcyclohexane	83	5.478	5.478	0.000	84	193201	20.0	20.3	
71 Ethyl acrylate	99	5.478	5.478	0.000	96	16924	20.0	19.2	
73 1,2-Dichloropropane	63	5.655	5.655	0.000	95	114123	20.0	20.3	
* 68 1,4-Dioxane-d8	96	5.731	5.731	0.000	45	27580	1000.0	1000.0	
74 Methyl methacrylate	100	5.731	5.731	0.000	93	69833	40.0	41.5	
78 1,4-Dioxane	88	5.784	5.784	0.000	27	25595	400.0	327.5	
77 n-Propyl acetate	43	5.790	5.790	0.000	98	168911	20.0	19.3	
75 Dibromomethane	93	5.802	5.802	0.000	97	60686	20.0	19.7	
76 Dichlorobromomethane	83	5.967	5.967	0.000	99	130828	20.0	20.3	
34 2-Nitropropane	41	6.320	6.320	0.000	82	61323	40.0	38.1	
79 2-Chloroethyl vinyl ether	63	6.325	6.325	0.000	73	74790	20.0	19.9	
80 Epichlorohydrin	57	6.449	6.449	0.000	99	245533	400.0	405.7	
81 cis-1,3-Dichloropropene	75	6.508	6.508	0.000	91	179738	20.0	20.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.678	6.678	0.000	96	565911	100.0	102.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	782176	50.0	50.4	
83 Toluene	91	6.867	6.867	0.000	93	475703	20.0	20.0	
85 trans-1,3-Dichloropropene	75	7.272	7.272	0.000	96	160165	20.0	20.1	
86 Ethyl methacrylate	69	7.290	7.290	0.000	87	146446	20.0	19.9	
87 1,1,2-Trichloroethane	83	7.508	7.508	0.000	97	80444	20.0	19.9	
88 Tetrachloroethene	166	7.561	7.561	0.000	96	103632	20.0	18.9	
89 1,3-Dichloropropane	76	7.749	7.749	0.000	92	169511	20.0	20.5	
91 2-Hexanone	43	7.808	7.808	0.000	97	375748	100.0	102.0	
92 n-Butyl acetate	43	7.925	7.925	0.000	100	166966	20.0	19.2	
90 Chlorodibromomethane	129	7.984	7.984	0.000	98	97700	20.0	20.3	
93 Ethylene Dibromide	107	8.131	8.131	0.000	98	96107	20.0	20.1	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	87	396755	50.0	50.0	
95 Chlorobenzene	112	8.661	8.661	0.000	95	284752	20.0	20.1	
97 Ethylbenzene	106	8.743	8.743	0.000	98	159101	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	8.761	8.761	0.000	95	97240	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.872	8.872	0.000	96	191055	20.0	20.1	
99 n-Butyl acrylate	73	9.266	9.266	0.000	99	86499	20.0	20.5	
100 o-Xylene	106	9.284	9.284	0.000	94	185547	20.0	19.9	
101 Styrene	104	9.314	9.314	0.000	95	313051	20.0	20.1	
102 Amyl acetate (mixed isomers)	43	9.490	9.490	0.000	90	187272	20.0	20.1	
103 Bromoform	173	9.525	9.525	0.000	97	65505	20.0	19.8	
104 Isopropylbenzene	105	9.631	9.631	0.000	95	476026	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	191360	50.0	51.5	
107 Bromobenzene	156	9.949	9.949	0.000	98	106247	20.0	19.4	
108 1,1,2,2-Tetrachloroethane	83	9.996	9.996	0.000	99	130403	20.0	19.5	
109 N-Propylbenzene	91	10.008	10.008	0.000	99	569698	20.0	20.6	
115 1,2,3-Trichloropropane	110	10.037	10.037	0.000	97	37755	20.0	19.1	
112 trans-1,4-Dichloro-2-butene	53	10.055	10.055	0.000	92	37028	20.0	19.0	
114 2-Chlorotoluene	91	10.113	10.113	0.000	91	377824	20.0	19.6	
113 4-Ethyltoluene	105	10.113	10.113	0.000	90	461443	20.0	20.0	
116 1,3,5-Trimethylbenzene	105	10.172	10.172	0.000	93	379019	20.0	20.1	
110 4-Chlorotoluene	91	10.219	10.219	0.000	98	340313	20.0	20.3	
117 Butyl Methacrylate	87	10.261	10.261	0.000	89	130329	20.0	19.8	
118 tert-Butylbenzene	119	10.443	10.443	0.000	95	325700	20.0	20.1	
119 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	375171	20.0	20.0	
120 sec-Butylbenzene	105	10.625	10.625	0.000	99	481164	20.0	20.7	
121 4-Isopropyltoluene	119	10.749	10.749	0.000	98	415851	20.0	20.4	
122 1,3-Dichlorobenzene	146	10.760	10.760	0.000	97	208680	20.0	19.7	
* 106 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	95	188684	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.837	10.837	0.000	96	209775	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	10.849	10.849	0.000	98	378080	20.0	19.8	
125 Benzyl chloride	91	10.960	10.960	0.000	99	252658	20.0	20.8	
111 2,3-Dihydroindene	117	11.013	11.013	0.000	94	384095	20.0	20.7	
126 p-Diethylbenzene	119	11.055	11.055	0.000	94	201687	20.0	19.8	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	195564	20.0	19.1	
128 1,2-Dichlorobenzene	146	11.143	11.143	0.000	96	189757	20.0	19.5	
130 1,2,4,5-Tetramethylbenzene	119	11.660	11.660	0.000	97	306550	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	11.760	11.760	0.000	94	28764	20.0	19.6	
132 1,3,5-Trichlorobenzene	180	11.866	11.866	0.000	97	128078	20.0	18.6	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	94	115541	20.0	18.5	
133 Hexachlorobutadiene	225	12.402	12.402	0.000	94	46364	20.0	19.6	
134 Naphthalene	128	12.513	12.513	0.000	99	337780	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.690	12.690	0.000	95	107031	20.0	18.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.5	
S 137 Xylenes, Total	100				0		40.0	40.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.2	
S 139 Total BTEX	1				0		100.0	100.8	

**QC Flag Legend**

Processing Flags

Review Flags

a - User Assigned ID

**Reagents:**

GASES Li_00416	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00135	Amount Added: 20.00	Units: uL	
524freon_00035	Amount Added: 20.00	Units: uL	
ACROLEIN W_00122	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00414.D

Injection Date: 15-Apr-2021 17:20:30

Instrument ID: CVOAMS7

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

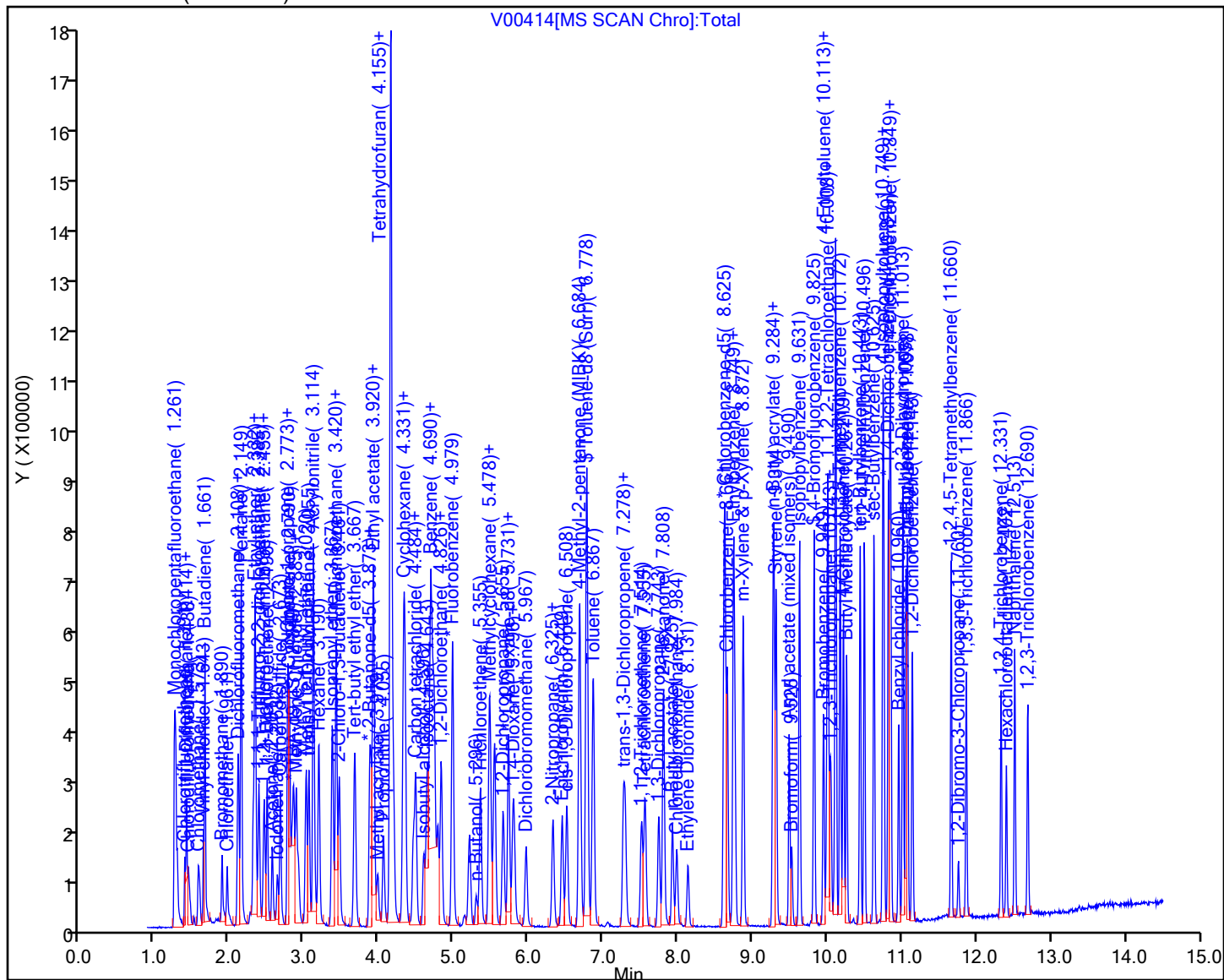
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)





## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00414.D

Injection Date: 15-Apr-2021 17:20:30

Instrument ID: CVOAMS7

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

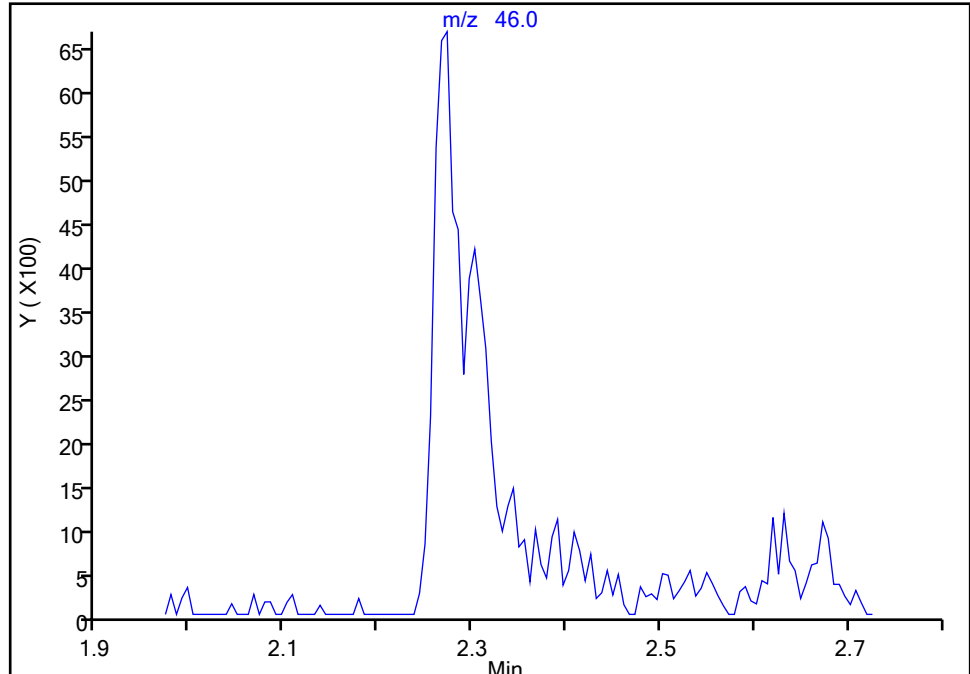
**17 Ethanol, CAS: 64-17-5**

Signal: 1

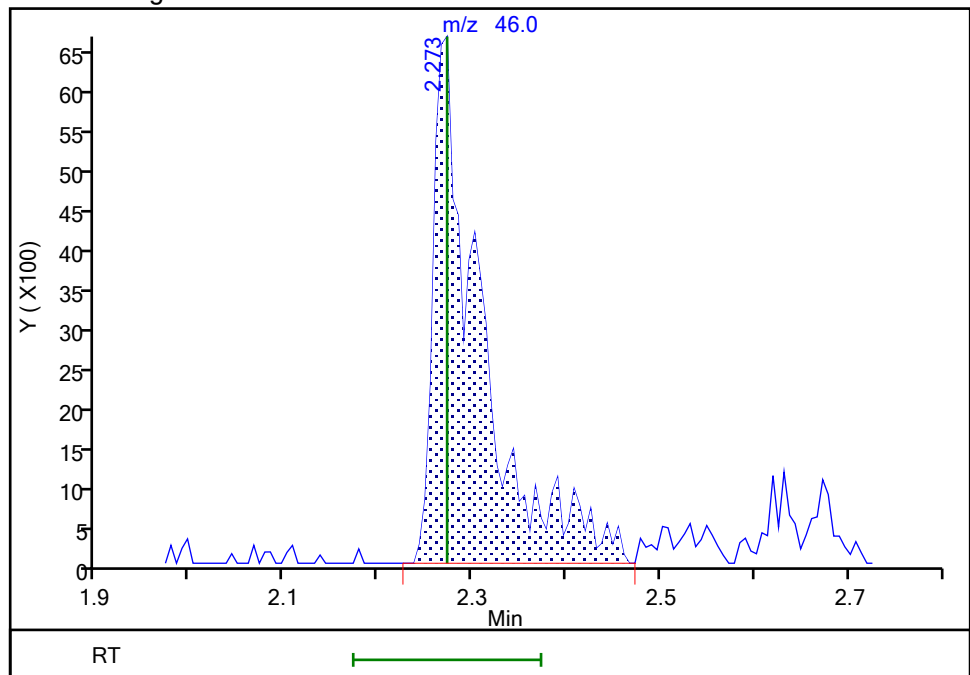
Not Detected

Expected RT: 2.27

## Processing Integration Results



## Manual Integration Results



RT: 2.27

Area: 23411

Amount: 924.4384

Amount Units: ug/l

Reviewer: boykink, 15-Apr-2021 18:51:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00414.D

Injection Date: 15-Apr-2021 17:20:30

Instrument ID: CVOAMS7

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

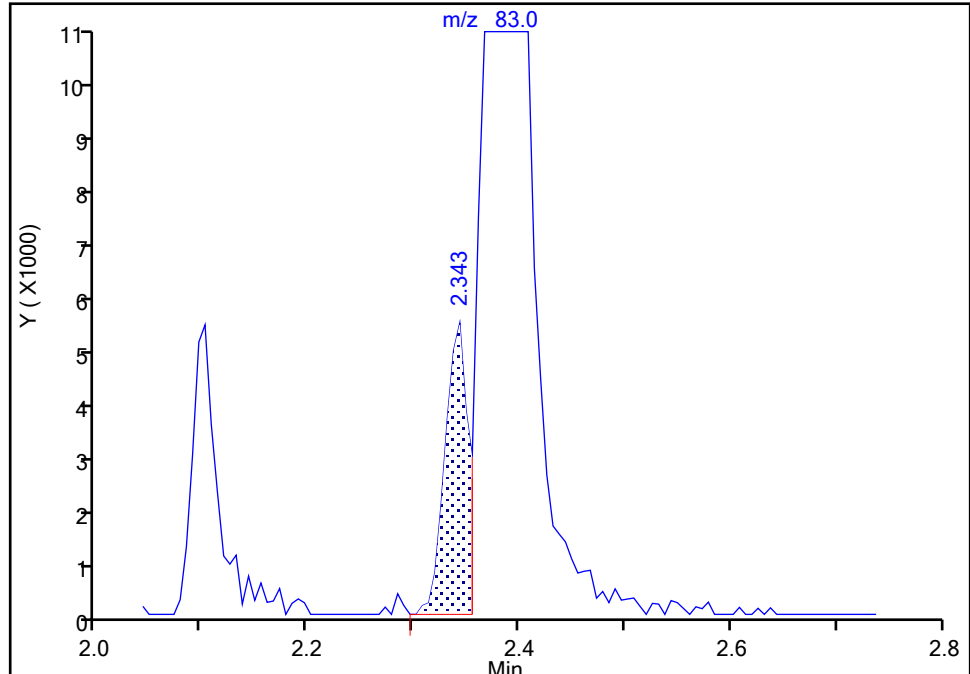
MS Quad

**19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

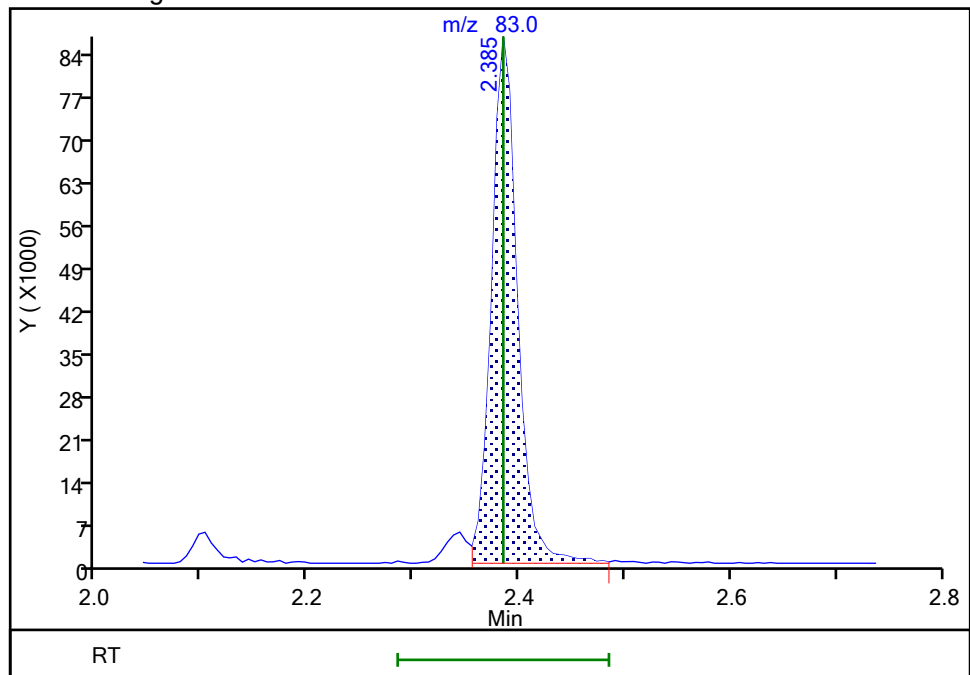
Signal: 1

RT: 2.34  
Area: 8002  
Amount: 0  
Amount Units: ug/l

## Processing Integration Results

RT: 2.38  
Area: 147546  
Amount: 19.673535  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:51:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00414.D

Injection Date: 15-Apr-2021 17:20:30

Instrument ID: CVOAMS7

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

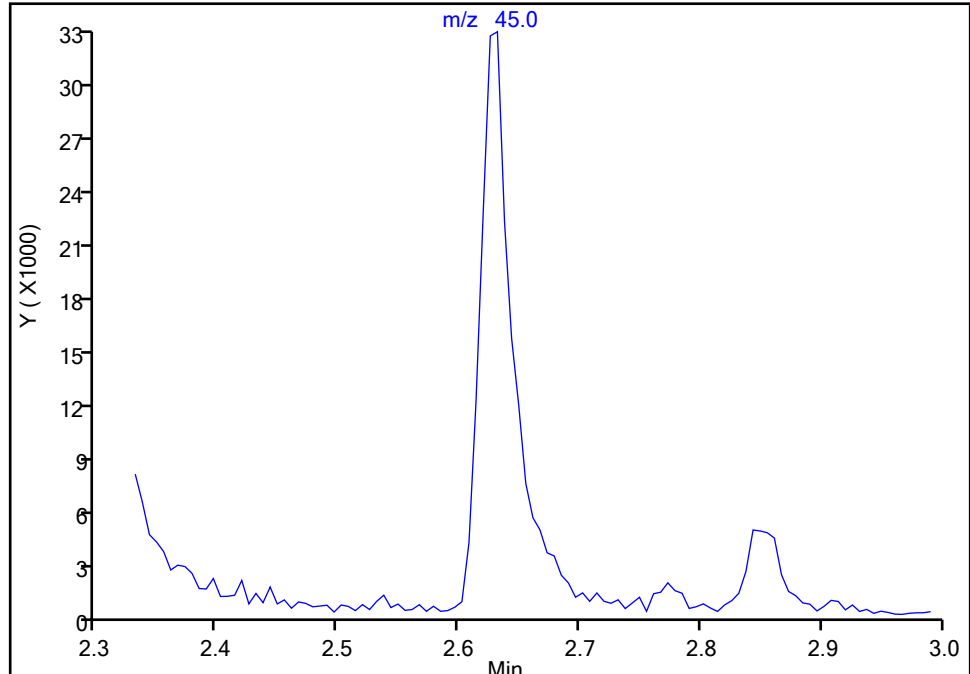
**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

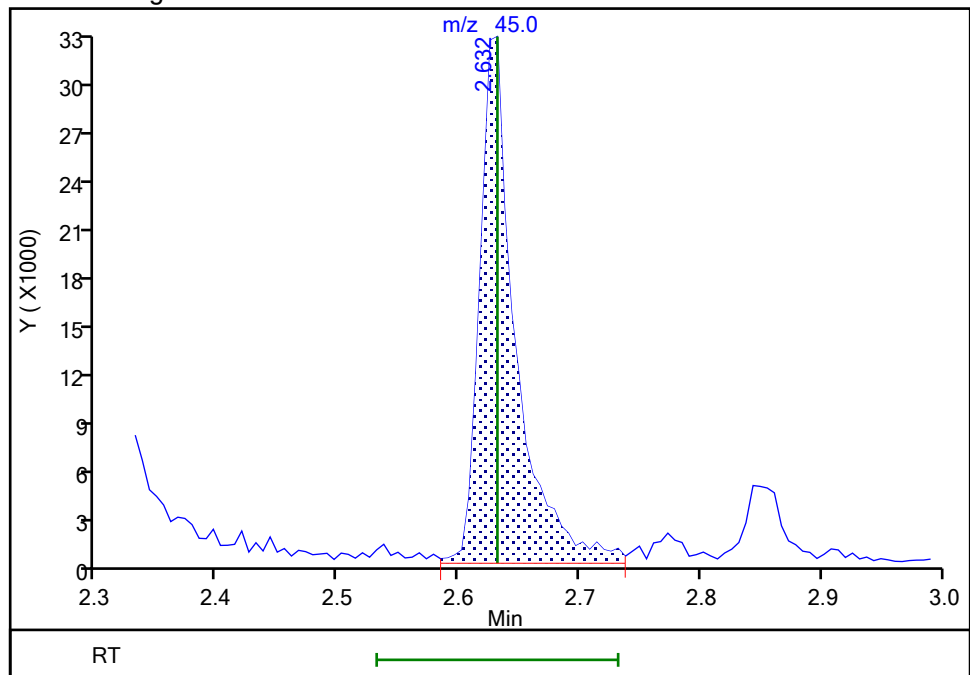
Not Detected

Expected RT: 2.63

## Processing Integration Results



## Manual Integration Results



RT: 2.63

Area: 67514

Amount: 198.5562

Amount Units: ug/l

Reviewer: boykink, 15-Apr-2021 18:51:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00415.D  
 Lims ID: STD50  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 15-Apr-2021 17:43:30 ALS Bottle#: 8 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD50  
 Misc. Info.: 460-0127059-008  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Apr-2021 16:46:55 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: boykink

Date: 15-Apr-2021 18:54:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.296	1.296	0.000	75	20841	50.0	37.8	
3 Chlorotrifluoroethene	116	1.385	1.391	-0.005	94	84234	50.0	45.5	
4 1,1-Difluoroethane	51	1.402	1.408	-0.006	92	177477	50.0	47.2	
5 Dichlorodifluoromethane	85	1.414	1.414	0.000	98	333095	50.0	50.3	M
2 Chlorodifluoromethane	51	1.437	1.438	-0.001	99	339729	50.0	51.3	
6 Chloromethane	50	1.573	1.579	-0.006	99	355611	50.0	47.7	
7 Vinyl chloride	62	1.637	1.643	-0.006	97	371754	50.0	49.6	
8 Butadiene	54	1.661	1.661	0.000	97	361704	50.0	48.7	
9 Bromomethane	94	1.884	1.890	-0.006	99	197239	50.0	51.0	
10 Chloroethane	64	1.955	1.961	-0.006	98	208790	50.0	47.5	
11 Dichlorofluoromethane	67	2.096	2.102	-0.006	98	402258	50.0	44.4	
12 Trichlorofluoromethane	101	2.108	2.114	-0.006	99	390163	50.0	50.1	
13 Pentane	72	2.143	2.149	-0.006	97	94285	100.0	90.4	
17 Ethanol	46	2.267	2.273	-0.006	97	55363	2000.0	2044.2	a
14 Ethyl ether	74	2.302	2.308	-0.006	94	167020	50.0	46.5	
15 2-Methyl-1,3-butadiene	53	2.326	2.332	-0.006	97	264838	50.0	47.8	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.337	2.338	-0.001	93	241466	50.0	47.9	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.384	2.385	-0.001	99	389036	50.0	49.8	
18 1,1,2,2-Tetrafluoroethane	101	2.449	2.455	-0.006	96	234075	50.0	46.6	
52 Acrolein	56	2.461	2.467	-0.006	93	60446	100.0	98.7	
20 1,1-Dichloroethene	96	2.490	2.496	-0.006	98	240884	50.0	48.0	
23 Acetone	43	2.561	2.561	0.000	87	402954	250.0	225.4	
24 Isopropyl alcohol	45	2.626	2.632	-0.006	97	170423	500.0	473.8	a
21 Iodomethane	142	2.632	2.637	-0.005	97	215244	50.0	40.6	
22 Carbon disulfide	76	2.667	2.673	-0.006	98	766006	50.0	46.3	
26 3-Chloro-1-propene	76	2.767	2.773	-0.006	93	172440	50.0	47.5	
30 Methyl acetate	43	2.767	2.773	-0.006	98	514448	100.0	97.8	
25 Cyclopentene	67	2.790	2.796	-0.006	96	731825	50.0	49.2	
27 Acetonitrile	40	2.826	2.826	0.000	99	254239	500.0	480.2	a
* 28 TBA-d9 (IS)	66	2.849	2.849	0.000	99	41895	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.884	2.885	-0.001	95	268740	50.0	47.4	
31 2-Methyl-2-propanol	59	2.914	2.914	0.000	99	277029	500.0	455.8	
32 Methyl tert-butyl ether	73	3.014	3.020	-0.006	97	802553	50.0	48.7	
33 trans-1,2-Dichloroethene	96	3.055	3.055	0.000	95	274128	50.0	48.3	
35 Acrylonitrile	53	3.114	3.114	0.000	94	1311134	500.0	501.2	
36 Hexane	57	3.184	3.185	0.000	94	416320	50.0	48.8	
37 Isopropyl ether	45	3.367	3.367	0.000	98	919834	50.0	48.7	
40 Vinyl acetate	86	3.414	3.420	-0.006	100	133124	100.0	100.6	
38 1,1-Dichloroethane	63	3.420	3.420	0.000	97	508358	50.0	48.5	
39 2-Chloro-1,3-butadiene	88	3.461	3.461	0.000	89	258779	50.0	47.2	
41 Tert-butyl ethyl ether	59	3.667	3.667	0.000	90	843583	50.0	49.5	
* 42 2-Butanone-d5	46	3.867	3.873	-0.006	87	327822	250.0	250.0	
43 2,2-Dichloropropane	97	3.890	3.884	0.006	94	92259	50.0	47.5	
47 Ethyl acetate	70	3.920	3.920	0.000	93	73662	100.0	95.8	
45 cis-1,2-Dichloroethene	96	3.914	3.920	-0.006	90	292035	50.0	46.3	
44 2-Butanone (MEK)	72	3.920	3.920	0.000	96	199778	250.0	252.6	
46 Methyl acrylate	55	3.973	3.979	-0.006	100	287984	50.0	49.3	
48 Propionitrile	54	4.049	4.055	-0.006	99	489257	500.0	490.2	
49 Chlorobromomethane	128	4.143	4.143	0.000	97	130832	50.0	46.8	
50 Tetrahydrofuran	72	4.137	4.143	-0.006	86	92682	100.0	98.5	
54 Methacrylonitrile	67	4.149	4.155	-0.006	94	1459516	500.0	502.2	
51 Chloroform	83	4.184	4.190	-0.006	99	436290	50.0	46.5	
53 Cyclohexane	84	4.320	4.326	-0.006	92	452824	50.0	47.0	
55 1,1,1-Trichloroethane	97	4.331	4.331	0.000	97	389645	50.0	47.8	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	97	178685	50.0	49.8	
57 Carbon tetrachloride	117	4.449	4.455	-0.006	96	313683	50.0	47.0	
58 1,1-Dichloropropene	75	4.484	4.484	0.000	98	393212	50.0	47.9	
61 Isobutyl alcohol	43	4.590	4.596	-0.006	95	264310	1250.0	1185.2	
64 Isooctane	57	4.637	4.643	-0.006	99	872926	50.0	49.6	
59 Benzene	78	4.684	4.690	-0.006	96	1171432	50.0	49.2	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	92	177640	50.0	47.8	
66 Isopropyl acetate	61	4.720	4.720	0.000	97	138439	50.0	47.3	
62 Tert-amyl methyl ether	73	4.737	4.737	0.000	94	824556	50.0	48.9	
63 1,2-Dichloroethane	62	4.778	4.779	-0.001	95	301402	50.0	46.9	
65 n-Heptane	100	4.825	4.831	-0.006	93	75168	50.0	46.8	
* 67 Fluorobenzene	96	4.978	4.979	0.000	99	601885	50.0	50.0	
70 n-Butanol	56	5.296	5.296	0.000	87	142402	1250.0	1185.5	
69 Trichloroethene	95	5.349	5.349	0.000	99	276909	50.0	48.2	
72 Methylcyclohexane	83	5.478	5.478	0.000	86	496880	50.0	50.2	
71 Ethyl acrylate	99	5.473	5.478	-0.006	97	44669	50.0	48.6	
73 1,2-Dichloropropane	63	5.661	5.655	0.006	95	287225	50.0	49.1	
* 68 1,4-Dioxane-d8	96	5.720	5.731	-0.011	44	20819	1000.0	1000.0	a
74 Methyl methacrylate	100	5.725	5.731	-0.006	90	178260	100.0	101.7	
78 1,4-Dioxane	88	5.790	5.784	0.006	29	62401	1000.0	1057.7	
77 n-Propyl acetate	43	5.784	5.790	-0.006	98	443237	50.0	48.6	
75 Dibromomethane	93	5.802	5.802	0.000	98	153505	50.0	48.0	
76 Dichlorobromomethane	83	5.961	5.967	-0.006	99	320282	50.0	47.7	
34 2-Nitropropane	41	6.320	6.320	0.000	83	153913	100.0	91.9	
79 2-Chloroethyl vinyl ether	63	6.325	6.325	0.000	79	192689	50.1	49.2	
80 Epichlorohydrin	57	6.443	6.449	-0.006	99	640295	1000.0	1016.6	
81 cis-1,3-Dichloropropene	75	6.508	6.508	0.000	91	456376	50.0	48.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.678	6.678	0.000	96	1460787	250.0	253.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	824037	50.0	50.6	
83 Toluene	91	6.861	6.867	-0.006	92	1230013	50.0	49.4	
85 trans-1,3-Dichloropropene	75	7.267	7.272	-0.006	96	407940	50.0	48.8	
86 Ethyl methacrylate	69	7.290	7.290	0.000	90	366402	50.0	47.6	
87 1,1,2-Trichloroethane	83	7.508	7.508	0.000	97	209577	50.0	49.3	
88 Tetrachloroethene	166	7.561	7.561	0.000	95	270136	50.0	47.1	
89 1,3-Dichloropropane	76	7.743	7.749	-0.006	93	426525	50.0	49.1	
91 2-Hexanone	43	7.802	7.808	-0.006	96	964314	250.0	251.5	
92 n-Butyl acetate	43	7.925	7.925	0.000	99	438136	50.0	48.0	
90 Chlorodibromomethane	129	7.984	7.984	0.000	98	242686	50.0	48.2	
93 Ethylene Dibromide	107	8.131	8.131	0.000	99	241498	50.0	48.1	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	86	416215	50.0	50.0	
95 Chlorobenzene	112	8.661	8.661	0.000	95	737504	50.0	49.7	
97 Ethylbenzene	106	8.743	8.743	0.000	98	413043	50.0	49.7	
96 1,1,1,2-Tetrachloroethane	131	8.761	8.761	0.000	96	249081	50.0	48.8	
98 m-Xylene & p-Xylene	106	8.872	8.872	0.000	96	491775	50.0	49.3	
99 n-Butyl acrylate	73	9.272	9.266	0.006	98	219398	50.0	49.6	
100 o-Xylene	106	9.284	9.284	0.000	94	474899	50.0	48.7	
101 Styrene	104	9.313	9.314	-0.001	95	805533	50.0	49.4	
102 Amyl acetate (mixed isomers)	43	9.490	9.490	0.000	91	476160	50.0	50.2	
103 Bromoform	173	9.525	9.525	0.000	97	168459	50.0	48.4	
104 Isopropylbenzene	105	9.631	9.631	0.000	95	1232068	50.0	51.8	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	201012	50.0	51.5	
107 Bromobenzene	156	9.949	9.949	0.000	99	271992	50.0	49.0	
108 1,1,2,2-Tetrachloroethane	83	9.996	9.996	0.000	99	334480	50.0	49.2	
109 N-Propylbenzene	91	10.008	10.008	0.000	99	1459966	50.0	52.1	
115 1,2,3-Trichloropropane	110	10.037	10.037	0.000	98	94080	50.0	46.9	
112 trans-1,4-Dichloro-2-butene	53	10.055	10.055	0.000	92	97971	50.0	49.6	a
114 2-Chlorotoluene	91	10.113	10.113	0.000	89	986043	50.0	50.5	
113 4-Ethyltoluene	105	10.113	10.113	0.000	90	1230973	50.0	52.5	
116 1,3,5-Trimethylbenzene	105	10.172	10.172	0.000	93	993248	50.0	51.9	
110 4-Chlorotoluene	91	10.219	10.219	0.000	97	845280	50.0	49.8	
117 Butyl Methacrylate	87	10.260	10.261	-0.001	88	348390	50.0	52.2	
118 tert-Butylbenzene	119	10.443	10.443	0.000	95	828916	50.0	50.4	
119 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	978856	50.0	51.4	
120 sec-Butylbenzene	105	10.625	10.625	0.000	99	1241256	50.0	52.6	
121 4-Isopropyltoluene	119	10.749	10.749	0.000	98	1053188	50.0	50.9	
122 1,3-Dichlorobenzene	146	10.760	10.760	0.000	96	519220	50.0	48.3	
* 106 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	95	191562	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.837	10.837	0.000	95	538018	50.0	48.2	
123 1,2,3-Trimethylbenzene	105	10.849	10.849	0.000	99	1019925	50.0	52.7	
125 Benzyl chloride	91	10.960	10.960	0.000	99	638717	50.0	51.7	
111 2,3-Dihydroindene	117	11.013	11.013	0.000	94	973452	50.0	51.6	
126 p-Diethylbenzene	119	11.054	11.055	-0.001	94	522153	50.0	50.4	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	508201	50.0	48.9	
128 1,2-Dichlorobenzene	146	11.143	11.143	0.000	96	482260	50.0	48.7	
130 1,2,4,5-Tetramethylbenzene	119	11.660	11.660	0.000	97	793860	50.0	48.2	
129 1,2-Dibromo-3-Chloropropane	157	11.760	11.760	0.000	95	67426	50.0	45.3	
132 1,3,5-Trichlorobenzene	180	11.866	11.866	0.000	97	326189	50.0	46.7	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	94	301404	50.0	47.6	
133 Hexachlorobutadiene	225	12.401	12.402	-0.001	95	118075	50.0	49.1	
134 Naphthalene	128	12.513	12.513	0.000	99	878162	50.0	48.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.690	12.690	0.000	96	288760	50.0	48.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	94.6	
S 137 Xylenes, Total	100				0		100.0	97.9	
S 138 1,3-Dichloropropene, Total	1				0		100.0	97.5	
S 139 Total BTEX	1				0		250.0	246.3	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

GASES Li_00416	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00135	Amount Added: 50.00	Units: uL	
524freon_00035	Amount Added: 50.00	Units: uL	
ACROLEIN W_00122	Amount Added: 10.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00415.D

Injection Date: 15-Apr-2021 17:43:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

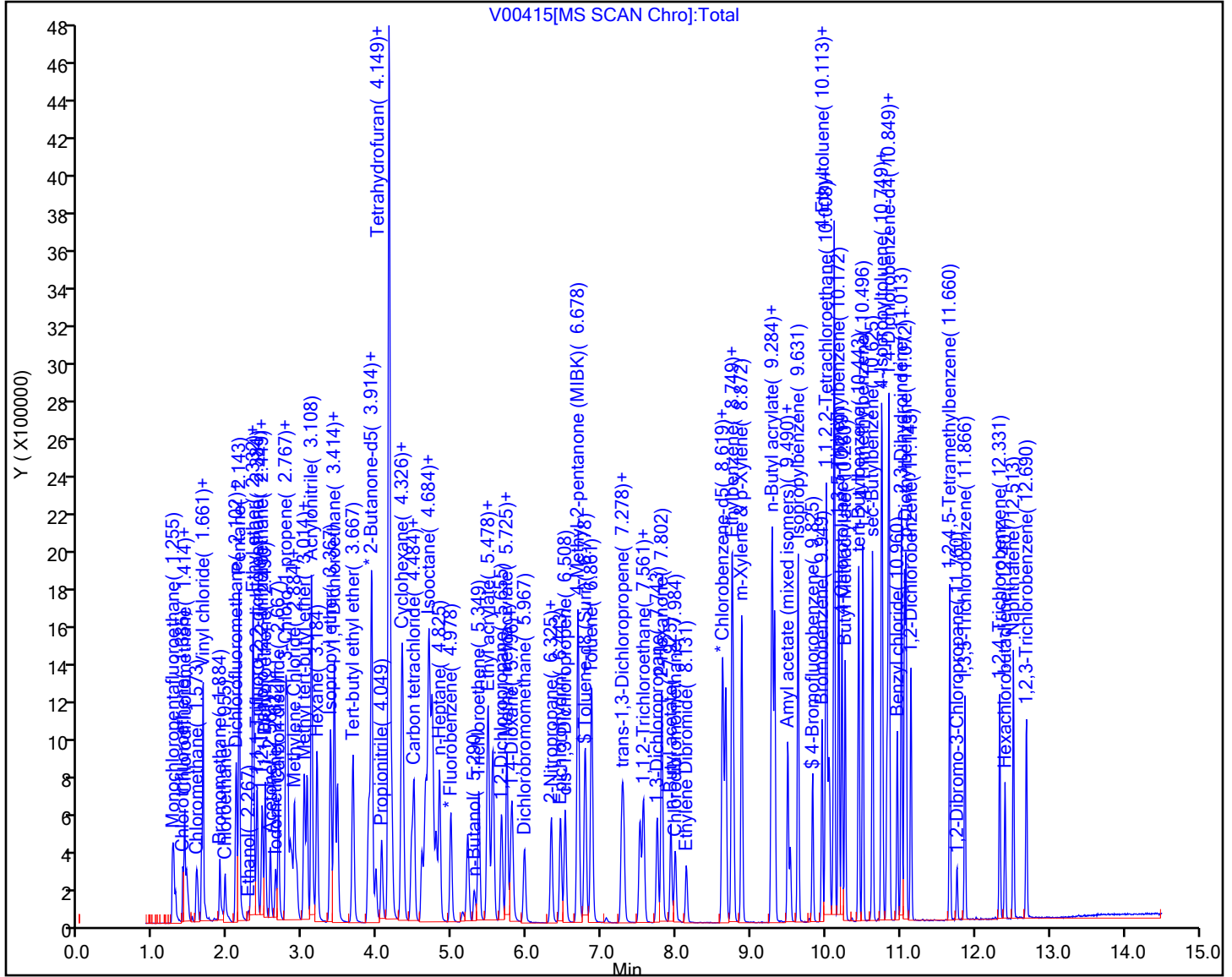
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)





## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00415.D

Injection Date: 15-Apr-2021 17:43:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

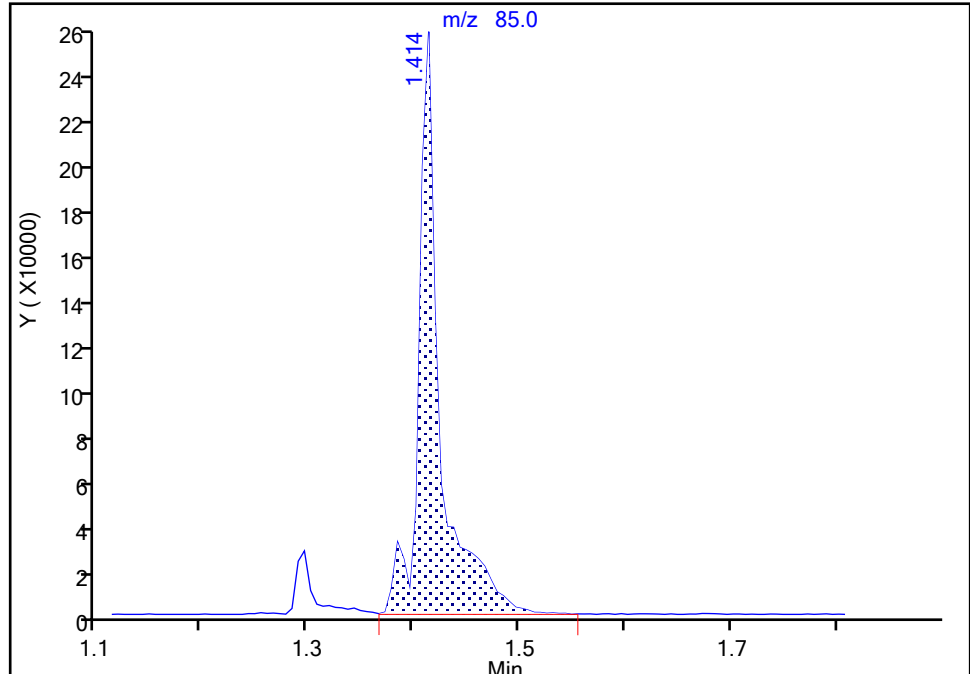
MS Quad

## 5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

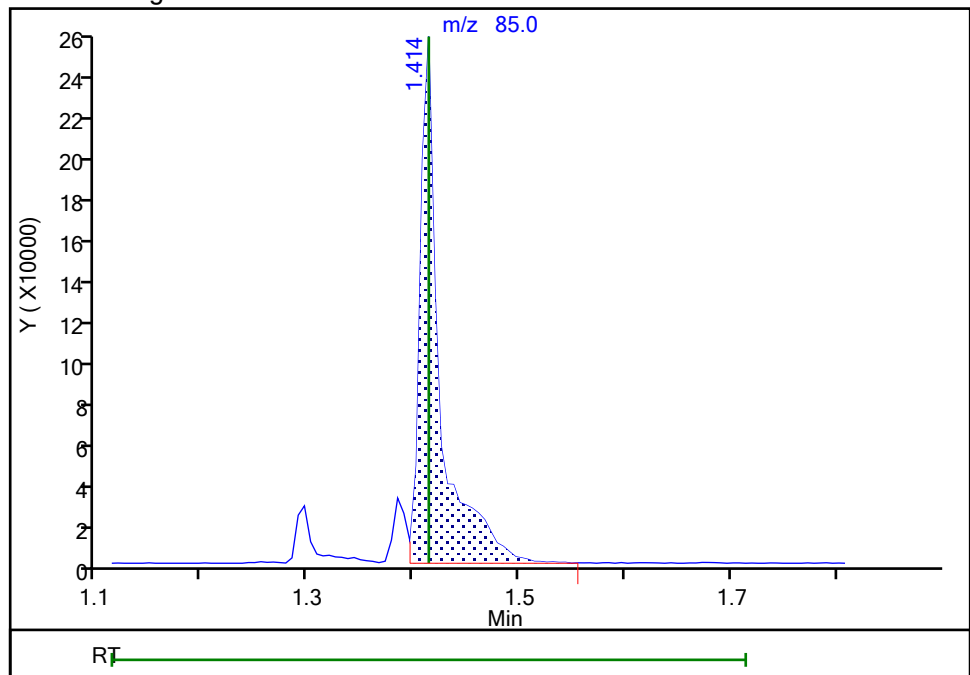
RT: 1.41  
Area: 356832  
Amount: 51.133551  
Amount Units: ug/l

## Processing Integration Results



RT: 1.41  
Area: 333095  
Amount: 50.287492  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:20:57

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00415.D

Injection Date: 15-Apr-2021 17:43:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

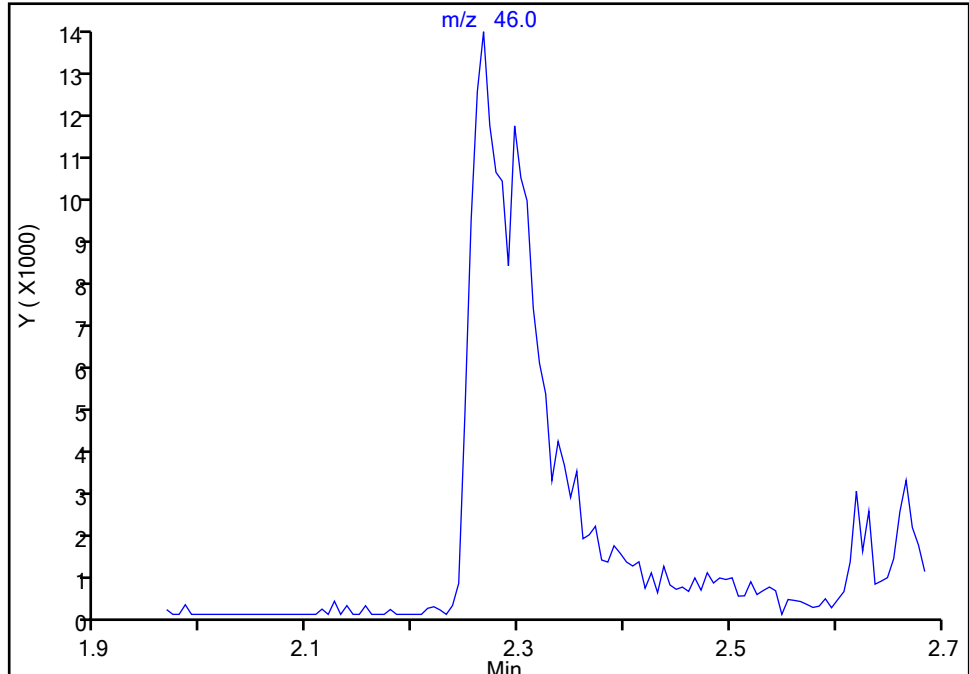
**17 Ethanol, CAS: 64-17-5**

Signal: 1

Not Detected

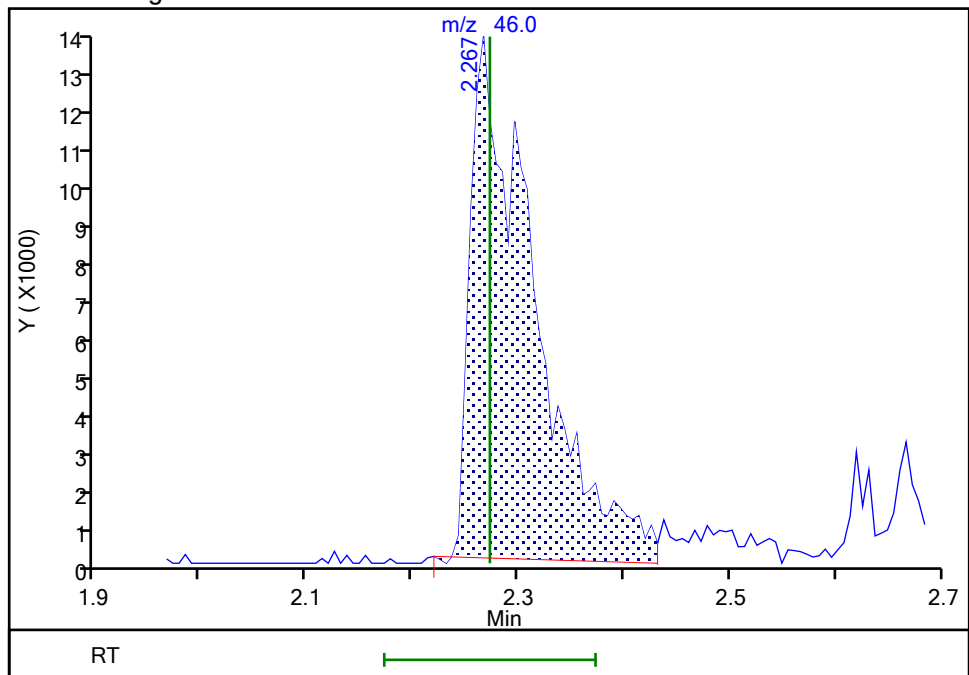
Expected RT: 2.27

## Processing Integration Results



RT: 2.27  
Area: 55363  
Amount: 2044.1501  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:53:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00415.D

Injection Date: 15-Apr-2021 17:43:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

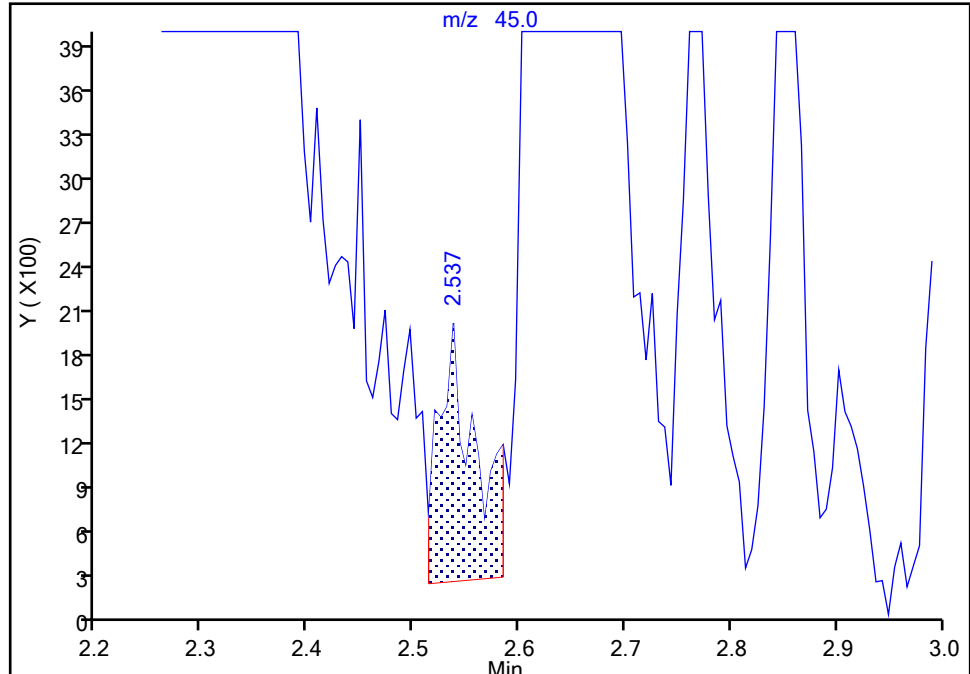
MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

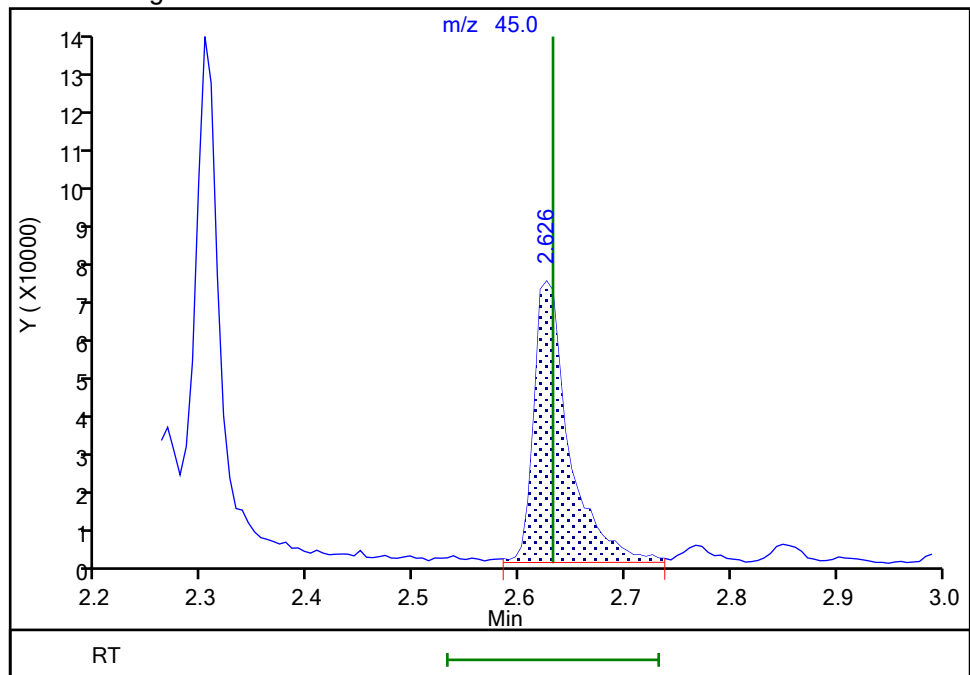
RT: 2.54  
Area: 4290  
Amount: 42.254805  
Amount Units: ug/l

## Processing Integration Results



RT: 2.63  
Area: 170423  
Amount: 473.7995  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:53:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00415.D

Injection Date: 15-Apr-2021 17:43:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

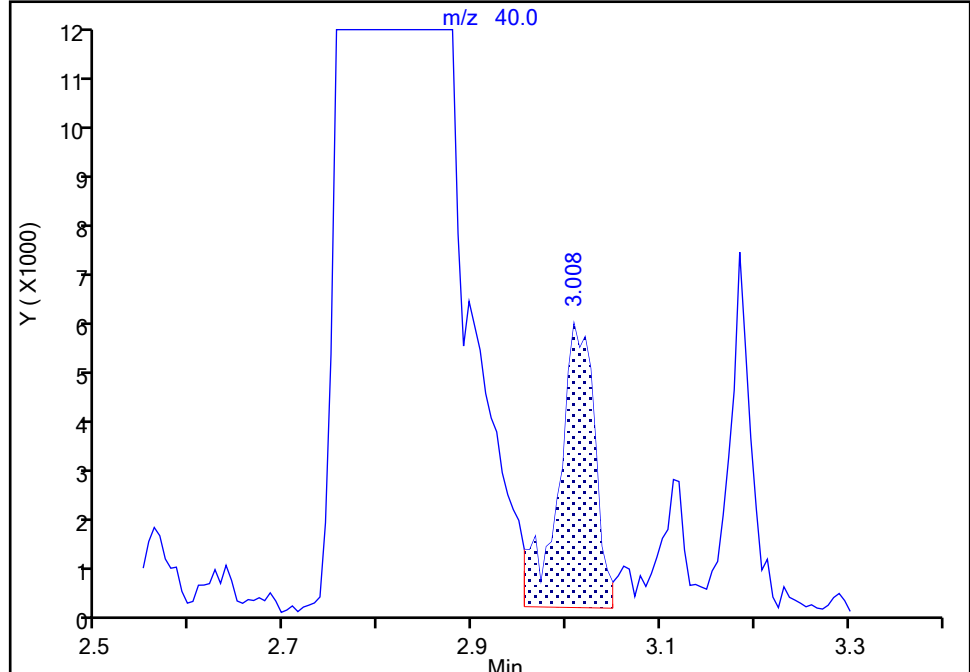
Detector: MS Quad

**27 Acetonitrile, CAS: 75-05-8**

Signal: 1

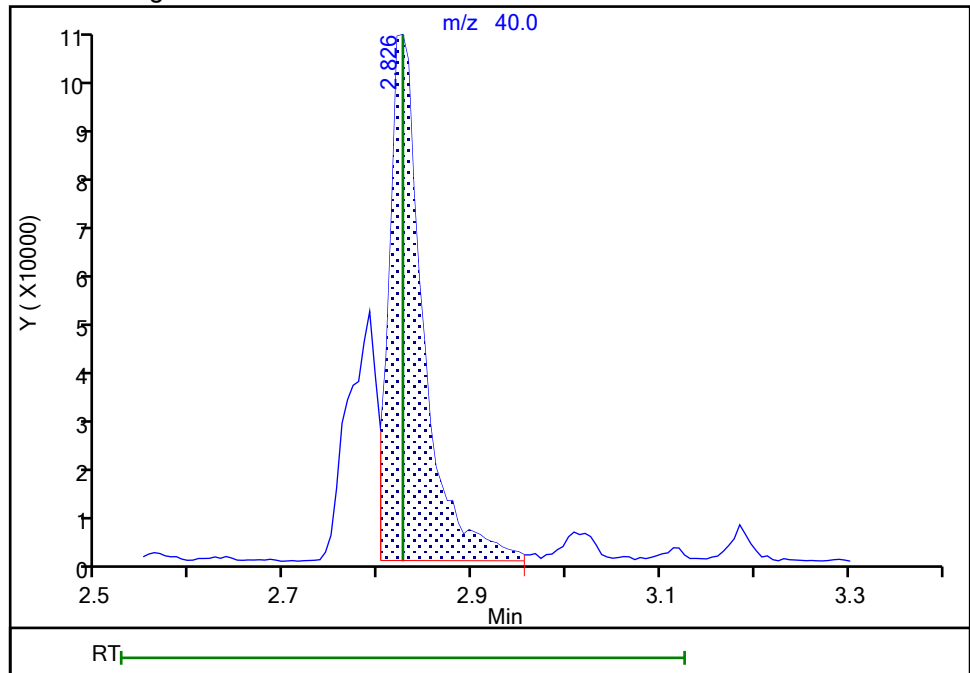
RT: 3.01  
Area: 14642  
Amount: 43.631792  
Amount Units: ug/l

## Processing Integration Results



RT: 2.83  
Area: 254239  
Amount: 480.1983  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:53:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00415.D

Injection Date: 15-Apr-2021 17:43:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

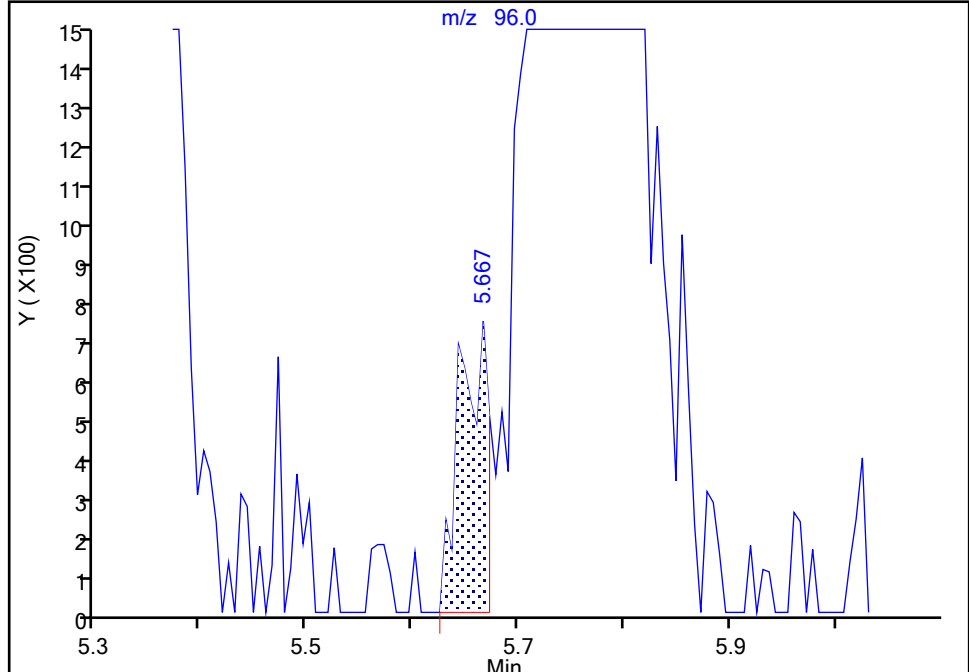
MS Quad

\* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

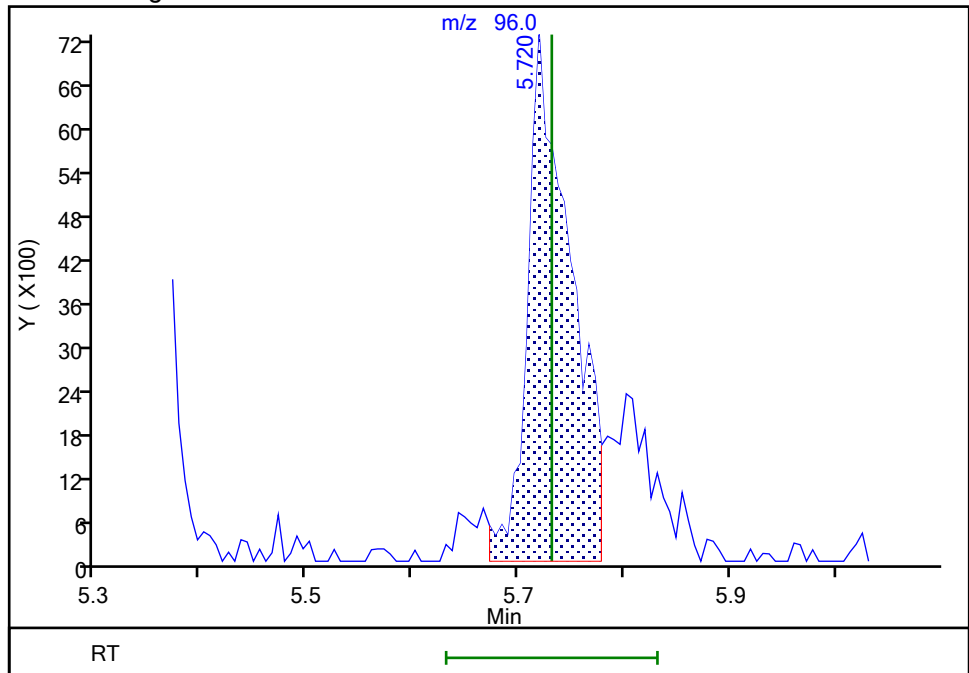
RT: 5.67  
Area: 1359  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.72  
Area: 20819  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 20:21:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00415.D

Injection Date: 15-Apr-2021 17:43:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

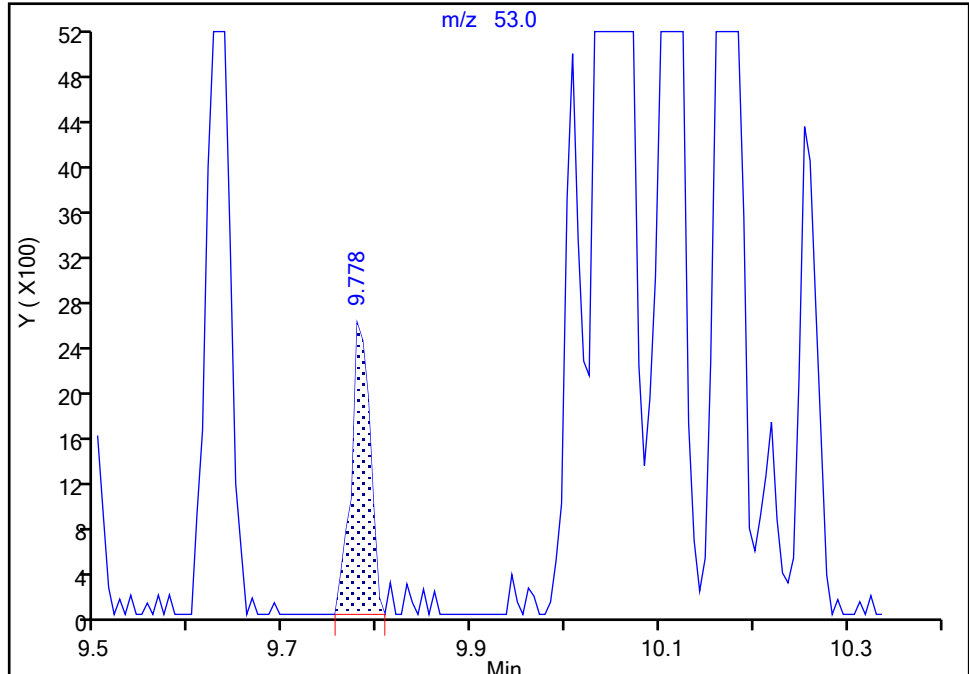
MS Quad

**112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

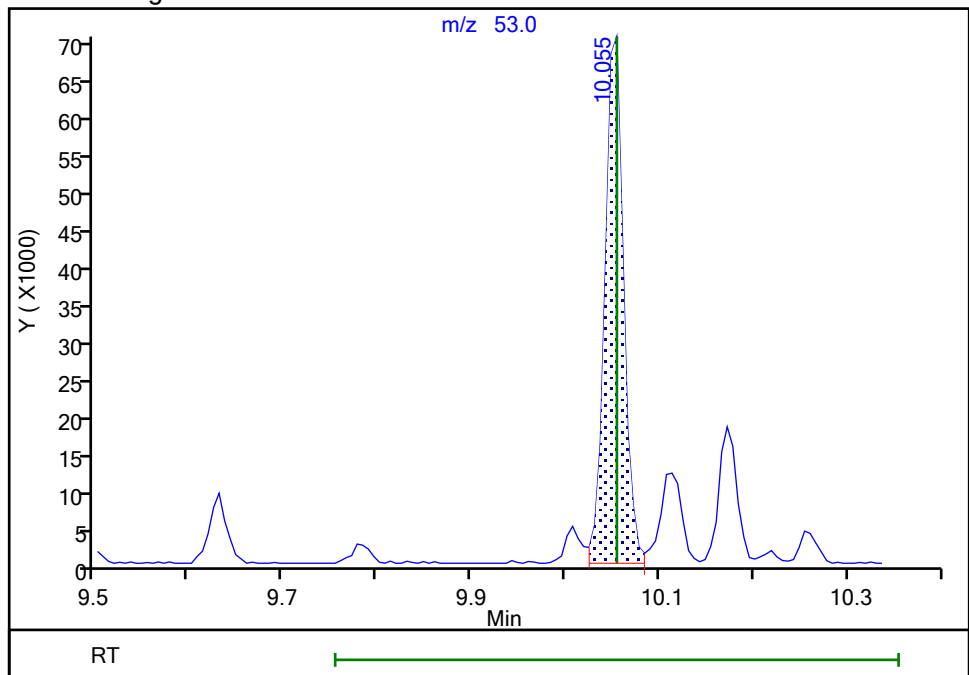
RT: 9.78  
Area: 3569  
Amount: 2.150780  
Amount Units: ug/l

## Processing Integration Results



RT: 10.05  
Area: 97971  
Amount: 49.628915  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:54:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00416.D  
 Lims ID: STD200  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 15-Apr-2021 18:06:30 ALS Bottle#: 9 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD200  
 Misc. Info.: 460-0127059-009  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Apr-2021 16:47:11 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: boykink

Date: 15-Apr-2021 18:55:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.296	1.296	0.000	64	115131	200.0	206.0	
3 Chlorotrifluoroethene	116	1.385	1.391	-0.005	94	415679	200.0	216.8	
4 1,1-Difluoroethane	51	1.402	1.408	-0.006	92	853711	200.0	219.4	a
5 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	1359060	200.0	198.3	M
2 Chlorodifluoromethane	51	1.438	1.438	0.000	99	1282517	200.0	187.1	a
6 Chloromethane	50	1.573	1.579	-0.006	99	1461013	200.0	189.4	
7 Vinyl chloride	62	1.638	1.643	-0.005	98	1518284	200.0	195.9	
8 Butadiene	54	1.661	1.661	0.000	97	1469614	200.0	191.2	
9 Bromomethane	94	1.885	1.890	-0.005	98	903795	200.0	208.5	
10 Chloroethane	64	1.955	1.961	-0.006	99	870028	200.0	176.5	
11 Dichlorofluoromethane	67	2.096	2.102	-0.006	99	1993693	200.0	212.5	
12 Trichlorofluoromethane	101	2.108	2.114	-0.006	98	1619925	200.0	201.1	
13 Pentane	72	2.143	2.149	-0.006	94	415333	400.0	384.7	
17 Ethanol	46	2.267	2.273	-0.006	98	260484	8000.0	7964.6	a
14 Ethyl ether	74	2.302	2.308	-0.006	95	757316	200.0	203.6	
15 2-Methyl-1,3-butadiene	53	2.326	2.332	-0.006	96	1207648	200.0	210.7	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.338	2.338	0.000	95	1055936	200.0	202.4	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.385	2.385	0.000	98	1663616	200.0	205.9	
18 1,1,2,2-TCTFE	101	2.449	2.455	-0.006	96	1067761	200.0	205.3	
52 Acrolein	56	2.461	2.467	-0.006	93	142581	200.0	203.9	
20 1,1-Dichloroethene	96	2.490	2.496	-0.006	97	1090890	200.0	209.9	
23 Acetone	43	2.561	2.561	0.000	87	1850593	1000.0	923.6	
24 Isopropyl alcohol	45	2.626	2.632	-0.006	97	749936	2000.0	1825.7	a
21 Iodomethane	142	2.632	2.637	-0.005	98	1109287	200.0	204.7	
22 Carbon disulfide	76	2.667	2.673	-0.006	99	3397997	200.0	198.5	
26 3-Chloro-1-propene	76	2.767	2.773	-0.006	92	777949	200.0	207.1	
30 Methyl acetate	43	2.767	2.773	-0.006	99	2324056	400.0	426.8	
25 Cyclopentene	67	2.790	2.796	-0.006	95	3174232	200.0	206.0	
27 Acetonitrile	40	2.820	2.826	-0.006	97	1111942	2000.0	1966.4	a
* 28 TBA-d9 (IS)	66	2.855	2.849	0.006	99	47844	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.885	2.885	0.000	95	1166364	200.0	198.9	
31 2-Methyl-2-propanol	59	2.914	2.914	0.000	99	1265788	2000.0	1823.7	
32 Methyl tert-butyl ether	73	3.014	3.020	-0.006	98	3518173	200.0	206.4	
33 trans-1,2-Dichloroethene	96	3.055	3.055	0.000	95	1230156	200.0	209.4	
35 Acrylonitrile	53	3.114	3.114	0.000	90	5758348	2000.0	2126.9	
36 Hexane	57	3.185	3.185	0.000	94	1842389	200.0	208.8	
37 Isopropyl ether	45	3.367	3.367	0.000	98	4050910	200.0	207.1	
40 Vinyl acetate	86	3.414	3.420	-0.006	100	590356	400.0	397.9	
38 1,1-Dichloroethane	63	3.420	3.420	0.000	97	2287823	200.0	210.7	
39 2-Chloro-1,3-butadiene	88	3.461	3.461	0.000	89	1132615	200.0	199.7	
41 Tert-butyl ethyl ether	59	3.667	3.667	0.000	90	3636356	200.0	206.1	
* 42 2-Butanone-d5	46	3.867	3.873	-0.006	95	367445	250.0	250.0	
43 2,2-Dichloropropane	97	3.884	3.884	0.000	97	411299	200.0	204.5	
47 Ethyl acetate	70	3.914	3.920	-0.006	93	347493	400.0	403.3	
45 cis-1,2-Dichloroethene	96	3.914	3.920	-0.006	88	1354963	200.0	207.6	
44 2-Butanone (MEK)	72	3.920	3.920	0.000	97	946610	1000.0	1067.6	
46 Methyl acrylate	55	3.973	3.979	-0.006	100	1257800	200.0	208.3	
48 Propionitrile	54	4.055	4.055	0.000	99	2053811	2000.0	1801.7	
49 Chlorobromomethane	128	4.143	4.143	0.000	96	583111	200.0	201.6	
50 Tetrahydrofuran	72	4.137	4.143	-0.006	96	405771	400.0	384.8	
54 Methacrylonitrile	67	4.155	4.155	0.000	91	6578385	2000.0	2187.4	
51 Chloroform	83	4.190	4.190	0.000	98	1992653	200.0	205.2	
53 Cyclohexane	84	4.320	4.326	-0.006	92	2083584	200.0	208.8	
55 1,1,1-Trichloroethane	97	4.331	4.331	0.000	99	1772073	200.0	209.9	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	98	181109	50.0	48.8	
57 Carbon tetrachloride	117	4.455	4.455	0.000	96	1464003	200.0	212.2	
58 1,1-Dichloropropene	75	4.484	4.484	0.000	99	1793858	200.0	211.2	
61 Isobutyl alcohol	43	4.590	4.596	-0.006	95	1311321	5000.0	5148.8	
64 Isooctane	57	4.643	4.643	0.000	99	3688261	200.0	202.6	
59 Benzene	78	4.684	4.690	-0.006	97	5164690	200.0	210.5	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	92	203704	50.0	53.0	
66 Isopropyl acetate	61	4.714	4.720	-0.006	97	629604	200.0	201.2	
62 Tert-amyl methyl ether	73	4.737	4.737	0.000	92	3677554	200.0	210.7	
63 1,2-Dichloroethane	62	4.779	4.779	0.000	95	1352856	200.0	203.4	
65 n-Heptane	100	4.826	4.831	-0.005	93	344880	200.0	207.7	
* 67 Fluorobenzene	96	4.979	4.979	0.000	99	622878	50.0	50.0	
70 n-Butanol	56	5.284	5.296	-0.012	86	777811	5000.0	5670.2	
69 Trichloroethene	95	5.355	5.349	0.006	98	1260245	200.0	211.8	
72 Methylcyclohexane	83	5.478	5.478	0.000	88	2191003	200.0	213.7	
71 Ethyl acrylate	99	5.467	5.478	-0.011	99	211456	200.0	222.4	
73 1,2-Dichloropropane	63	5.655	5.655	0.000	93	1265001	200.0	209.0	
* 68 1,4-Dioxane-d8	96	5.731	5.731	0.000	43	21093	1000.0	1000.0	
74 Methyl methacrylate	100	5.726	5.731	-0.005	90	760119	400.0	419.0	
78 1,4-Dioxane	88	5.784	5.784	0.000	40	267352	4000.0	4472.9	
77 n-Propyl acetate	43	5.784	5.790	-0.006	99	1966455	200.0	208.4	
75 Dibromomethane	93	5.802	5.802	0.000	97	679535	200.0	205.3	
76 Dichlorobromomethane	83	5.967	5.967	0.000	99	1441209	200.0	207.6	
34 2-Nitropropane	41	6.320	6.320	0.000	87	684345	400.0	394.7	
79 2-Chloroethyl vinyl ether	63	6.325	6.325	0.000	92	837665	200.5	206.8	
80 Epichlorohydrin	57	6.449	6.449	0.000	99	2801118	4000.0	3967.9	
81 cis-1,3-Dichloropropene	75	6.508	6.508	0.000	90	2052462	200.0	212.4	
84 4-Methyl-2-pentanone (MIBK)	43	6.684	6.678	0.006	96	6568067	1000.0	1017.0	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	818559	50.0	48.8	
83 Toluene	91	6.867	6.867	0.000	93	5512596	200.0	214.7	
85 trans-1,3-Dichloropropene	75	7.267	7.272	-0.005	95	1810545	200.0	210.1	
86 Ethyl methacrylate	69	7.290	7.290	0.000	89	1670632	200.0	210.3	
87 1,1,2-Trichloroethane	83	7.514	7.508	0.006	97	909299	200.0	207.6	
88 Tetrachloroethene	166	7.561	7.561	0.000	95	1209258	200.0	204.4	
89 1,3-Dichloropropane	76	7.743	7.749	-0.006	93	1862000	200.0	207.9	
91 2-Hexanone	43	7.802	7.808	-0.006	96	4349231	1000.0	1012.2	
92 n-Butyl acetate	43	7.925	7.925	0.000	99	1874205	200.0	199.3	
90 Chlorodibromomethane	129	7.984	7.984	0.000	98	1068617	200.0	205.7	
93 Ethylene Dibromide	107	8.131	8.131	0.000	97	1063007	200.0	205.6	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	87	429131	50.0	50.0	
95 Chlorobenzene	112	8.661	8.661	0.000	94	3194085	200.0	208.8	
97 Ethylbenzene	106	8.743	8.743	0.000	98	1798513	200.0	210.0	
96 1,1,1,2-Tetrachloroethane	131	8.767	8.761	0.005	96	1103909	200.0	209.8	
98 m-Xylene & p-Xylene	106	8.878	8.872	0.006	97	2117814	200.0	205.7	
99 n-Butyl acrylate	73	9.272	9.266	0.006	98	942077	200.0	206.5	
100 o-Xylene	106	9.284	9.284	0.000	93	2011294	200.0	199.9	
101 Styrene	104	9.319	9.314	0.005	94	3508223	200.0	208.7	
102 Amyl acetate (mixed isomers)	43	9.490	9.490	0.000	91	1974133	200.0	207.5	
103 Bromoform	173	9.525	9.525	0.000	97	744239	200.0	207.6	
104 Isopropylbenzene	105	9.631	9.631	0.000	96	5209802	200.0	212.6	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	183271	50.0	45.6	
107 Bromobenzene	156	9.949	9.949	0.000	99	1182725	200.0	212.2	
108 1,1,2,2-Tetrachloroethane	83	9.996	9.996	0.000	100	1511299	200.0	221.4	
109 N-Propylbenzene	91	10.013	10.008	0.005	99	6121035	200.0	217.6	
115 1,2,3-Trichloropropane	110	10.037	10.037	0.000	98	406618	200.0	202.2	
112 trans-1,4-Dichloro-2-butene	53	10.055	10.055	0.000	92	423892	200.0	214.0	
114 2-Chlorotoluene	91	10.113	10.113	0.000	92	4388033	200.0	223.8	
113 4-Ethyltoluene	105	10.113	10.113	0.000	88	5076879	200.0	215.6	
116 1,3,5-Trimethylbenzene	105	10.172	10.172	0.000	93	4211051	200.0	219.2	
110 4-Chlorotoluene	91	10.219	10.219	0.000	98	3567869	200.0	209.3	
117 Butyl Methacrylate	87	10.261	10.261	0.000	90	1434820	200.0	214.0	
118 tert-Butylbenzene	119	10.443	10.443	0.000	94	3502254	200.0	212.0	
119 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	98	4226756	200.0	221.0	
120 sec-Butylbenzene	105	10.625	10.625	0.000	98	5094838	200.0	215.1	
121 4-Isopropyltoluene	119	10.749	10.749	0.000	97	4615590	200.0	222.4	
122 1,3-Dichlorobenzene	146	10.760	10.760	0.000	95	2303039	200.0	213.7	
* 106 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	93	192255	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.843	10.837	0.006	94	2348007	200.0	209.7	
123 1,2,3-Trimethylbenzene	105	10.849	10.849	0.000	99	4436686	200.0	228.5	
125 Benzyl chloride	91	10.960	10.960	0.000	99	2709922	200.0	218.5	
111 2,3-Dihydroindene	117	11.013	11.013	0.000	93	4062578	200.0	214.6	
126 p-Diethylbenzene	119	11.055	11.055	0.000	92	2285253	200.0	219.8	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	2307798	200.0	221.2	
128 1,2-Dichlorobenzene	146	11.143	11.143	0.000	95	2152991	200.0	216.6	
130 1,2,4,5-Tetramethylbenzene	119	11.660	11.660	0.000	97	3858361	200.0	233.3	
129 1,2-Dibromo-3-Chloropropane	157	11.760	11.760	0.000	96	313818	200.0	210.3	
132 1,3,5-Trichlorobenzene	180	11.866	11.866	0.000	97	1580539	200.0	225.5	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	93	1458488	200.0	229.7	
133 Hexachlorobutadiene	225	12.402	12.402	0.000	95	530562	200.0	220.0	
134 Naphthalene	128	12.513	12.513	0.000	99	4205150	200.0	231.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.690	12.690	0.000	97	1376065	200.0	229.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	417.0	
S 137 Xylenes, Total	100				0		400.0	405.6	
S 138 1,3-Dichloropropene, Total	1				0		400.0	422.6	
S 139 Total BTEX	1				0		1000.0	1040.9	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

ACROLEIN W_00122	Amount Added: 20.00	Units: uL	
8FreonHi_00031	Amount Added: 20.00	Units: uL	
Ethanol mix_00051	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00110	Amount Added: 20.00	Units: uL	
MIX I Hi_00137	Amount Added: 20.00	Units: uL	
GAS Hi_00386	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00416.D

Injection Date: 15-Apr-2021 18:06:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 9

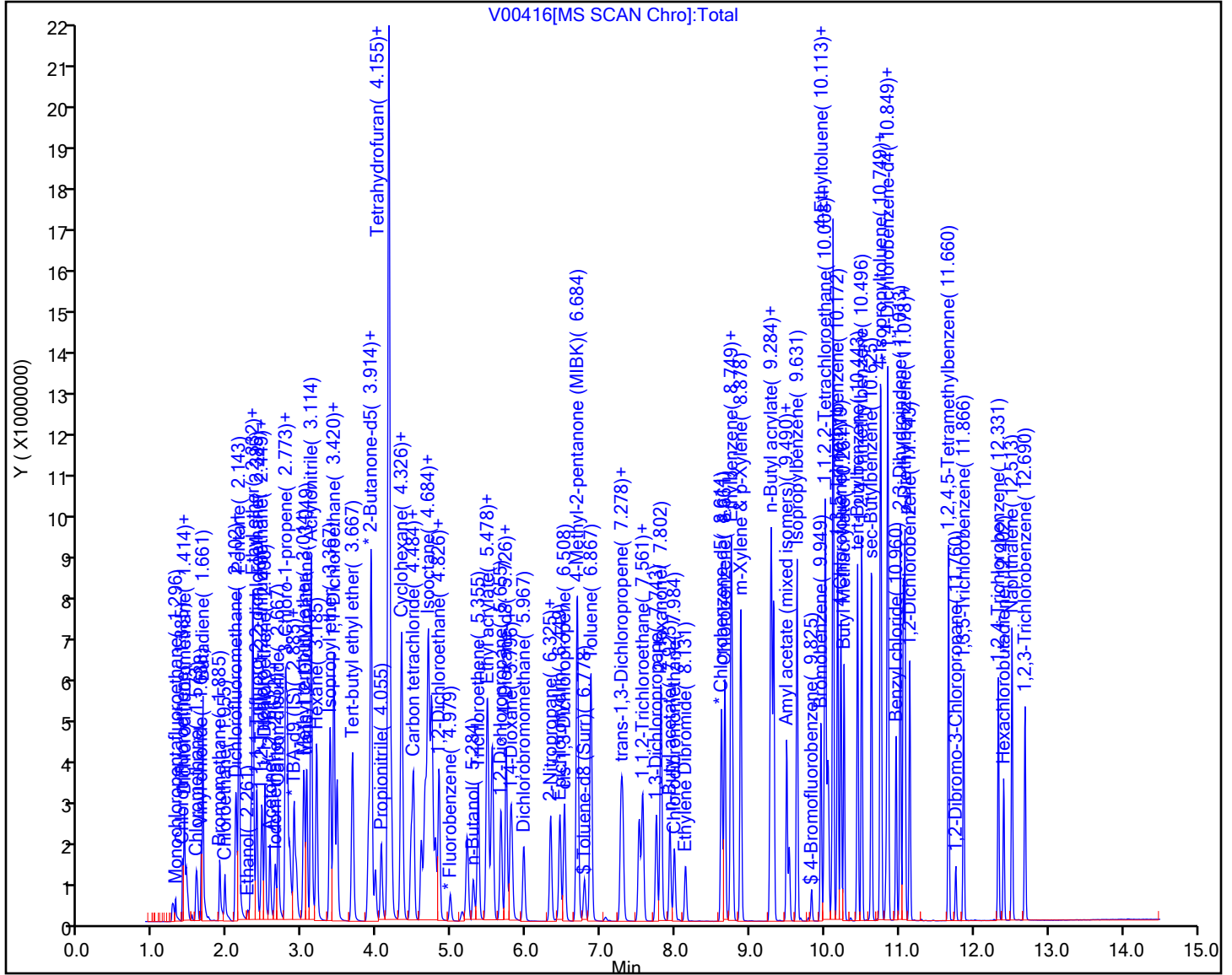
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00416.D

Injection Date: 15-Apr-2021 18:06:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

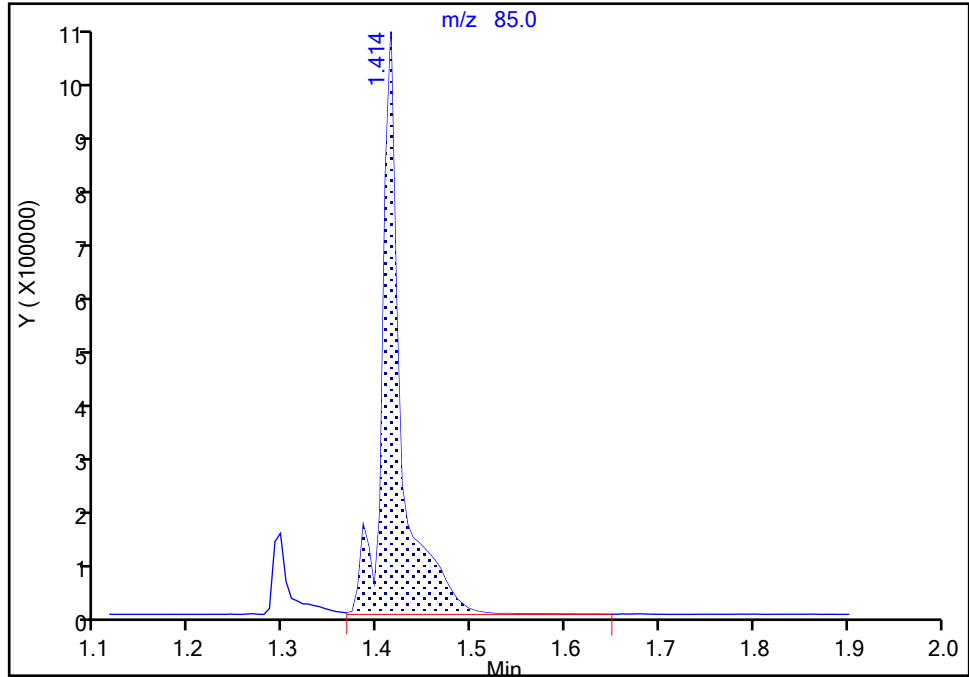
MS Quad

**5 Dichlorodifluoromethane, CAS: 75-71-8**

Signal: 1

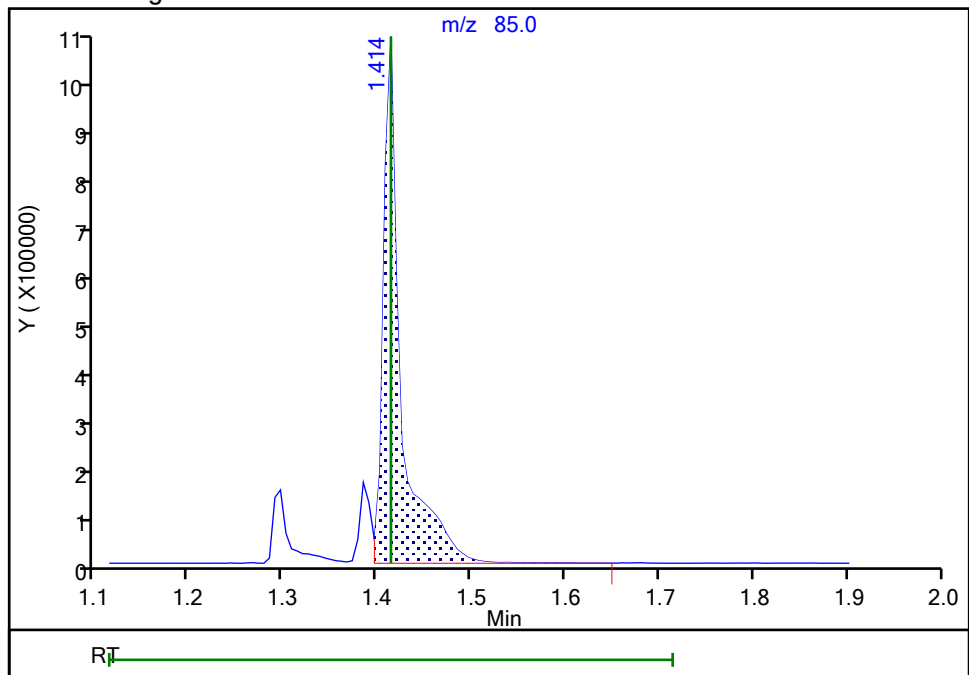
RT: 1.41  
Area: 1476345  
Amount: 206.7725  
Amount Units: ug/l

## Processing Integration Results



RT: 1.41  
Area: 1359060  
Amount: 198.2627  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:21:31

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00416.D

Injection Date: 15-Apr-2021 18:06:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

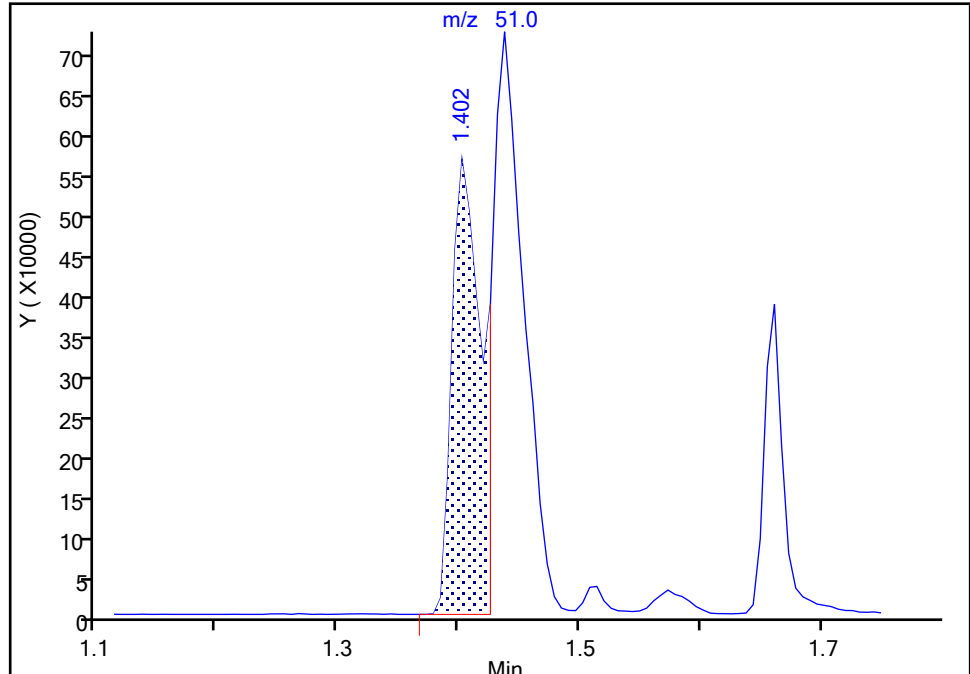
MS Quad

**2 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

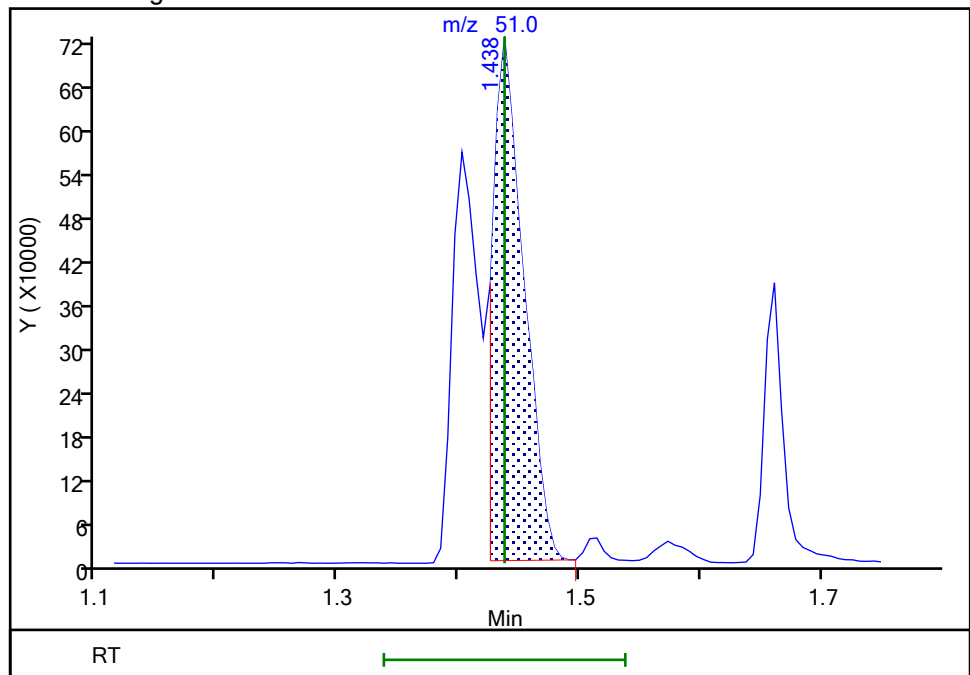
RT: 1.40  
Area: 992463  
Amount: 150.0557  
Amount Units: ug/l

## Processing Integration Results



RT: 1.44  
Area: 1282517  
Amount: 187.0738  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:21:46

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00416.D

Injection Date: 15-Apr-2021 18:06:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

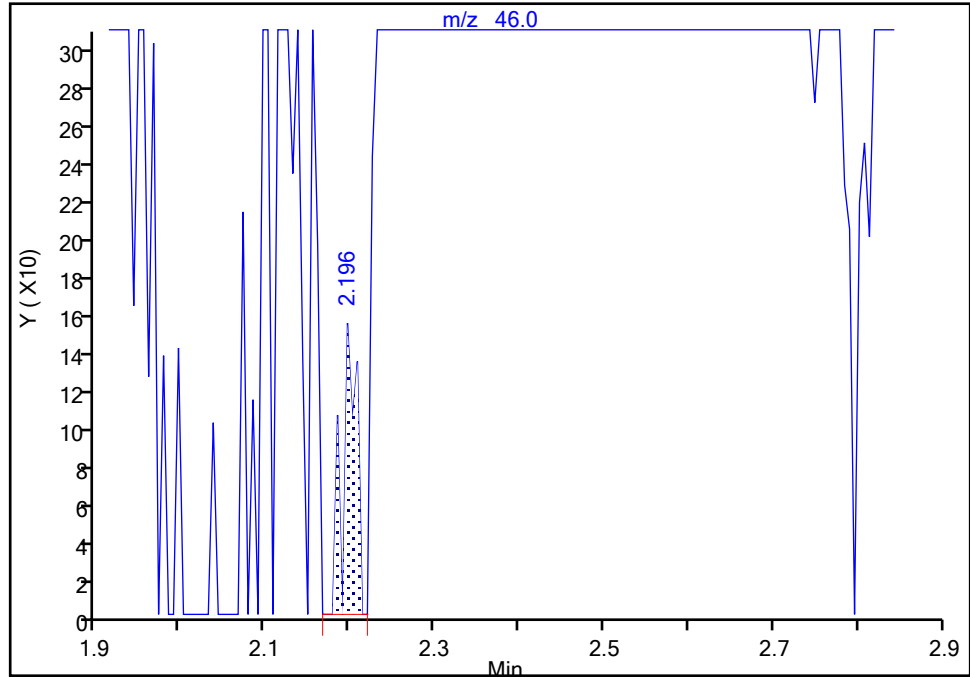
Detector: MS Quad

**17 Ethanol, CAS: 64-17-5**

Signal: 1

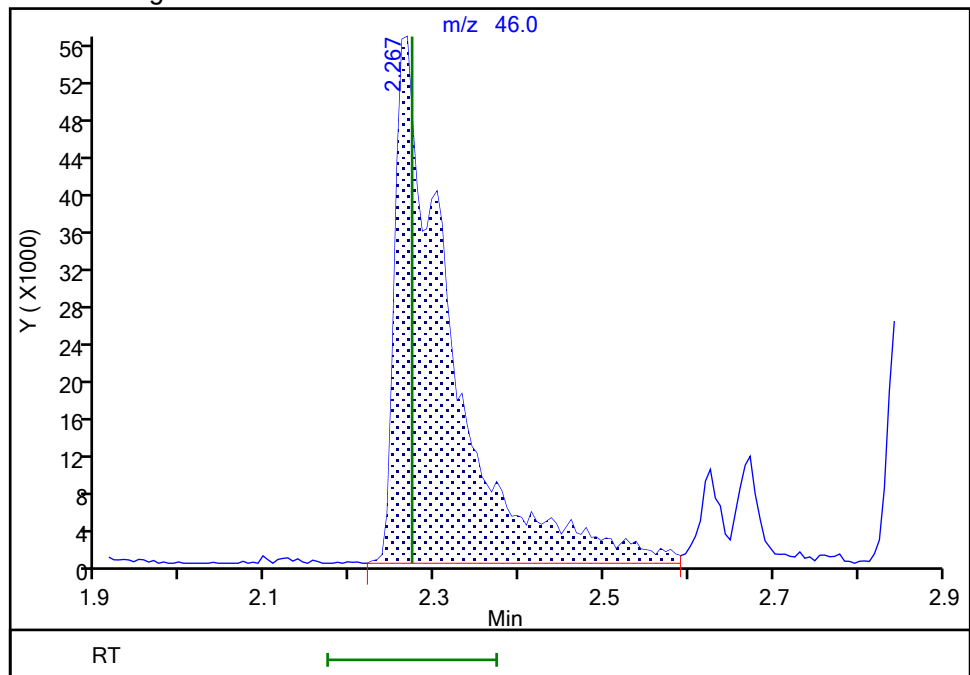
RT: 2.20  
Area: 173  
Amount: 6.167398  
Amount Units: ug/l

## Processing Integration Results



RT: 2.27  
Area: 260484  
Amount: 7964.5863  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:54:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00416.D

Injection Date: 15-Apr-2021 18:06:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

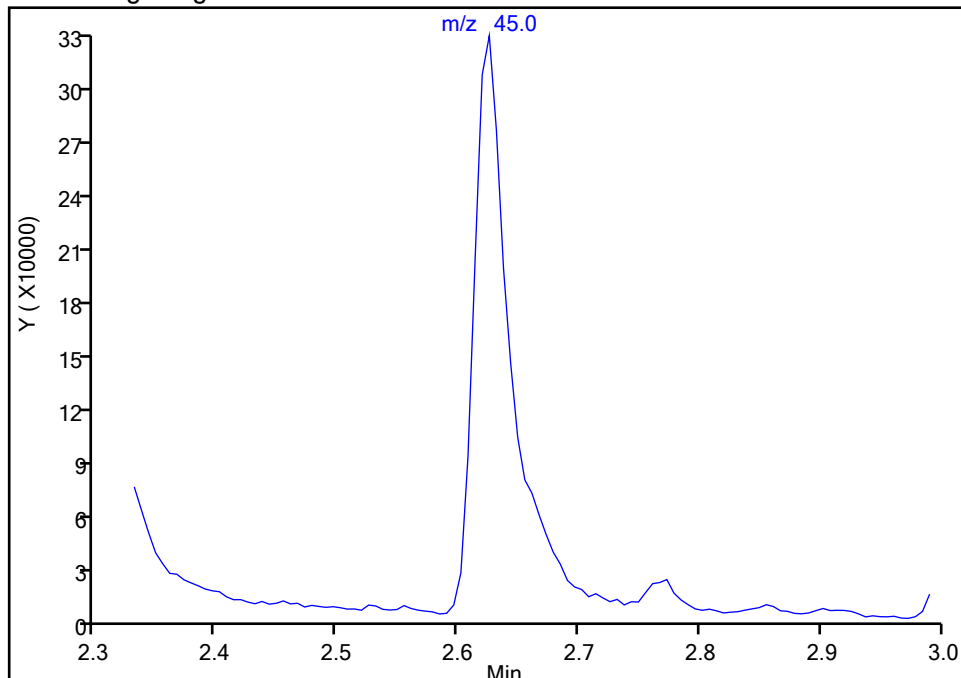
**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

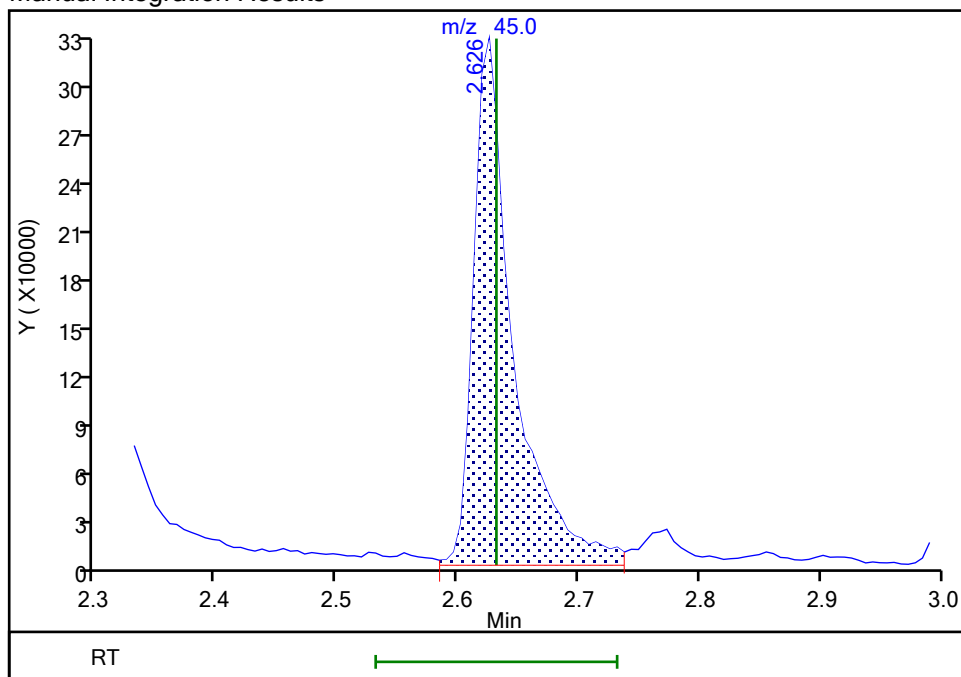
Not Detected

Expected RT: 2.63

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:55:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00416.D

Injection Date: 15-Apr-2021 18:06:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

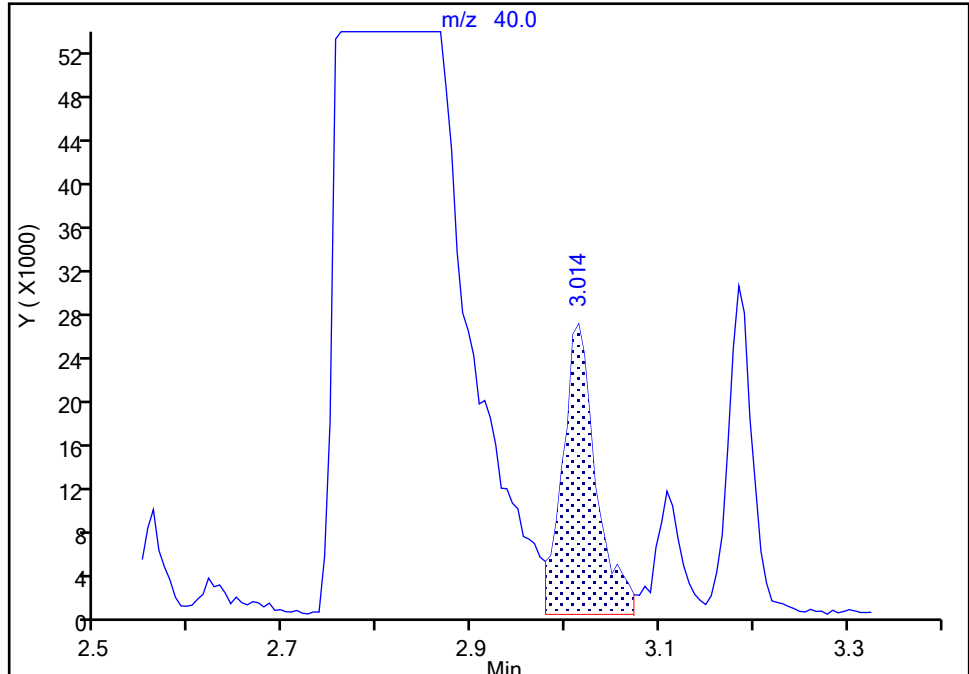
Detector: MS Quad

**27 Acetonitrile, CAS: 75-05-8**

Signal: 1

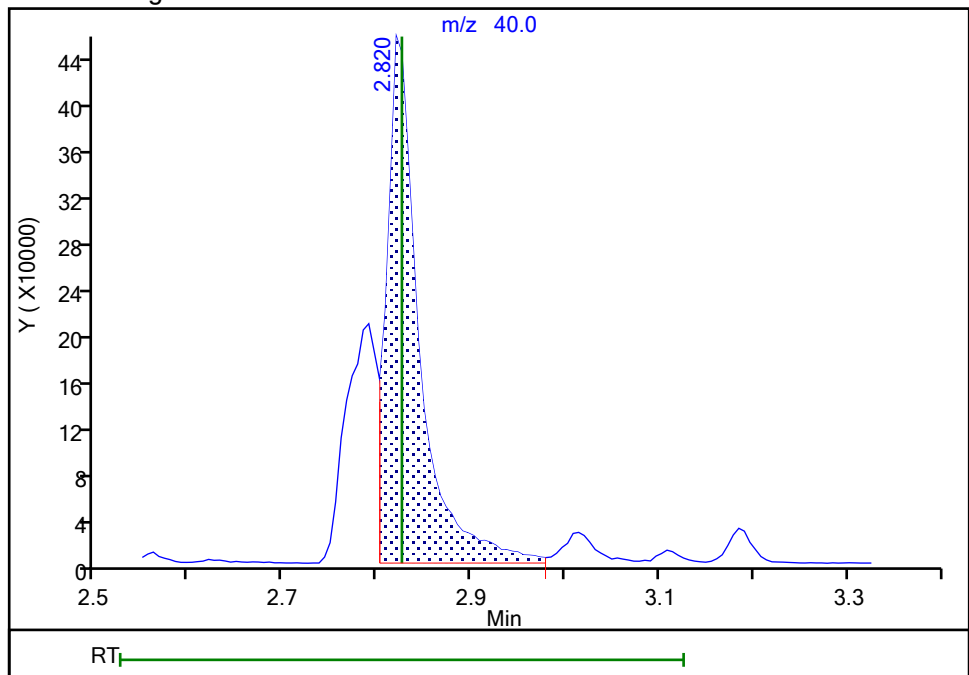
RT: 3.01  
Area: 66428  
Amount: 142.6532  
Amount Units: ug/l

## Processing Integration Results



RT: 2.82  
Area: 1111942  
Amount: 1966.3680  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:55:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00417.D  
 Lims ID: STD500  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 15-Apr-2021 18:29:30 ALS Bottle#: 10 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD500  
 Misc. Info.: 460-0127059-010  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Apr-2021 16:47:27 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: boykink

Date: 15-Apr-2021 18:58:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.296	1.296	0.000	66	276530	500.0	499.1	
3 Chlorotrifluoroethene	116	1.385	1.391	-0.005	94	1060655	500.0	537.4	
4 1,1-Difluoroethane	51	1.402	1.408	-0.006	93	2283058	500.0	569.9	
5 Dichlorodifluoromethane	85	1.414	1.414	0.000	99	3598280	500.0	510.0	M
2 Chlorodifluoromethane	51	1.438	1.438	0.000	99	4085454	500.0	579.0	
6 Chloromethane	50	1.573	1.579	-0.006	99	3966271	500.0	499.5	
7 Vinyl chloride	62	1.638	1.643	-0.005	98	4031595	500.0	505.3	
8 Butadiene	54	1.661	1.661	0.000	96	3861773	500.0	488.2	
9 Bromomethane	94	1.879	1.890	-0.011	97	2550068	500.0	517.5	
10 Chloroethane	64	1.949	1.961	-0.012	99	2247859	500.0	401.0	
11 Dichlorofluoromethane	67	2.096	2.102	-0.006	99	5372818	500.0	556.4	
12 Trichlorofluoromethane	101	2.108	2.114	-0.006	97	4264759	500.0	514.2	
13 Pentane	72	2.138	2.149	-0.011	90	1236692	1000.0	1112.7	
17 Ethanol	46	2.302	2.273	0.029	98	752298	20000	20004	
14 Ethyl ether	74	2.302	2.308	-0.006	96	2025484	500.0	528.9	
15 2-Methyl-1,3-butadiene	53	2.326	2.332	-0.006	97	3268196	500.0	553.8	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.338	2.338	0.000	93	2813546	500.0	523.9	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.385	2.385	0.000	99	4434140	500.0	533.3	a
18 1,1,2,2-TCTFE	101	2.449	2.455	-0.006	96	2917741	500.0	544.9	
52 Acrolein	56	2.461	2.467	-0.006	93	319481	400.0	441.3	
20 1,1-Dichloroethene	96	2.491	2.496	-0.006	98	2836497	500.0	530.4	
23 Acetone	43	2.561	2.561	0.000	88	4757780	2500.0	2088.5	
24 Isopropyl alcohol	45	2.632	2.632	0.000	94	2037788	5000.0	4790.7	a
21 Iodomethane	142	2.632	2.637	-0.005	99	2730078	500.0	499.3	
22 Carbon disulfide	76	2.667	2.673	-0.006	99	8543233	500.0	484.8	
26 3-Chloro-1-propene	76	2.767	2.773	-0.006	88	2026972	500.0	524.3	
30 Methyl acetate	43	2.767	2.773	-0.006	98	5999012	1000.0	1070.2	
25 Cyclopentene	67	2.790	2.796	-0.006	96	8141498	500.0	513.3	
27 Acetonitrile	40	2.826	2.826	0.000	99	2974713	5000.0	5075.8	a
* 28 TBA-d9 (IS)	66	2.867	2.849	0.018	98	49544	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.885	2.885	0.000	94	3134510	500.0	519.3	
31 2-Methyl-2-propanol	59	2.920	2.914	0.006	98	3272337	5000.0	4553.0	
32 Methyl tert-butyl ether	73	3.014	3.020	-0.006	98	9036333	500.0	515.1	
33 trans-1,2-Dichloroethene	96	3.049	3.055	-0.006	95	3352726	500.0	554.4	
35 Acrylonitrile	53	3.114	3.114	0.000	86	12519048	5000.0	4492.4	
36 Hexane	57	3.185	3.185	0.001	94	4725713	500.0	520.4	
37 Isopropyl ether	45	3.367	3.367	0.000	94	10176114	500.0	505.5	
40 Vinyl acetate	86	3.420	3.420	0.000	98	1580532	1000.0	936.9	
38 1,1-Dichloroethane	63	3.420	3.420	0.000	99	5878561	500.0	526.1	
39 2-Chloro-1,3-butadiene	88	3.461	3.461	0.000	90	3088844	500.0	529.0	
41 Tert-butyl ethyl ether	59	3.667	3.667	0.000	93	9378783	500.0	516.6	
* 42 2-Butanone-d5	46	3.873	3.873	0.000	91	417756	250.0	250.0	
43 2,2-Dichloropropane	97	3.890	3.884	0.006	97	1095676	500.0	529.4	
47 Ethyl acetate	70	3.920	3.920	0.000	92	955932	1000.0	975.9	
45 cis-1,2-Dichloroethene	96	3.920	3.920	0.000	91	3681197	500.0	547.9	
44 2-Butanone (MEK)	72	3.920	3.920	0.000	99	2537562	2500.0	2517.3	
46 Methyl acrylate	55	3.973	3.979	-0.006	100	3334184	500.0	536.4	
48 Propionitrile	54	4.061	4.055	0.006	98	5166374	5000.0	4376.8	
49 Chlorobromomethane	128	4.143	4.143	0.000	94	1612783	500.0	541.6	
50 Tetrahydrofuran	72	4.143	4.143	0.000	90	1094266	1000.0	912.8	
54 Methacrylonitrile	67	4.161	4.155	0.006	79	14620301	5000.0	4723.0	
51 Chloroform	83	4.190	4.190	0.000	98	5469176	500.0	547.3	
53 Cyclohexane	84	4.320	4.326	-0.006	91	5510856	500.0	536.5	
55 1,1,1-Trichloroethane	97	4.332	4.331	0.001	98	4777491	500.0	549.7	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	97	210318	50.0	55.0	
57 Carbon tetrachloride	117	4.455	4.455	0.000	95	4019134	500.0	565.9	
58 1,1-Dichloropropene	75	4.485	4.484	0.000	99	4881349	500.0	558.4	
61 Isobutyl alcohol	43	4.596	4.596	0.000	97	6180691	12500	23435	
64 Isooctane	57	4.643	4.643	0.000	97	9076629	500.0	484.5	
59 Benzene	78	4.684	4.690	-0.006	98	12340583	500.0	485.5	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	86	249285	50.0	63.0	
66 Isopropyl acetate	61	4.720	4.720	0.000	96	1713478	500.0	499.9	
62 Tert-amyl methyl ether	73	4.737	4.737	0.000	95	9843879	500.0	548.0	
63 1,2-Dichloroethane	62	4.779	4.779	0.000	95	3623712	500.0	529.4	
65 n-Heptane	100	4.832	4.831	0.001	94	831121	500.0	486.3	
* 67 Fluorobenzene	96	4.979	4.979	0.001	99	641135	50.0	50.0	
70 n-Butanol	56	5.290	5.296	-0.006	88	2121441	12500	14935	
69 Trichloroethene	95	5.355	5.349	0.006	98	3436540	500.0	561.1	
72 Methylcyclohexane	83	5.479	5.478	0.001	92	5598411	500.0	530.5	
71 Ethyl acrylate	99	5.473	5.478	-0.005	99	535348	500.0	547.1	
73 1,2-Dichloropropane	63	5.661	5.655	0.006	93	3364036	500.0	539.9	
* 68 1,4-Dioxane-d8	96	5.731	5.731	0.000	43	21798	1000.0	1000.0	
74 Methyl methacrylate	100	5.731	5.731	0.000	90	1982312	1000.0	1061.6	
78 1,4-Dioxane	88	5.790	5.784	0.006	30	721728	10000	11684	
77 n-Propyl acetate	43	5.784	5.790	-0.006	98	5000243	500.0	514.8	
75 Dibromomethane	93	5.808	5.802	0.006	98	1814883	500.0	532.7	
76 Dichlorobromomethane	83	5.967	5.967	0.000	98	3823681	500.0	535.0	
34 2-Nitropropane	41	6.326	6.320	0.006	79	1732573	1000.0	970.9	
79 2-Chloroethyl vinyl ether	63	6.326	6.325	0.001	73	2165104	501.2	519.3	
80 Epichlorohydrin	57	6.455	6.449	0.006	100	6872403	10000	8562.6	
81 cis-1,3-Dichloropropene	75	6.514	6.508	0.006	91	5245836	500.0	524.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.684	6.678	0.006	91	14285031	2500.0	1945.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	858587	50.0	49.4	
83 Toluene	91	6.867	6.867	0.000	96	12914938	500.0	485.5	
85 trans-1,3-Dichloropropene	75	7.267	7.272	-0.005	98	4655773	500.0	521.6	
86 Ethyl methacrylate	69	7.290	7.290	0.000	90	4327013	500.0	525.8	
87 1,1,2-Trichloroethane	83	7.514	7.508	0.006	97	2372140	500.0	522.7	
88 Tetrachloroethene	166	7.561	7.561	0.000	94	3170703	500.0	517.2	
89 1,3-Dichloropropane	76	7.743	7.749	-0.006	93	4640534	500.0	500.1	
91 2-Hexanone	43	7.808	7.808	0.000	92	9985654	2500.0	2044.0	
92 n-Butyl acetate	43	7.925	7.925	0.000	99	4634029	500.0	475.5	
90 Chlorodibromomethane	129	7.990	7.984	0.006	97	2703098	500.0	502.1	
93 Ethylene Dibromide	107	8.137	8.131	0.006	95	2691485	500.0	502.3	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	84	444612	50.0	50.0	
95 Chlorobenzene	112	8.667	8.661	0.006	93	7806011	500.0	492.6	
97 Ethylbenzene	106	8.749	8.743	0.006	96	4687370	500.0	528.3	
96 1,1,1,2-Tetrachloroethane	131	8.767	8.761	0.006	96	2878586	500.0	528.1	
98 m-Xylene & p-Xylene	106	8.878	8.872	0.006	94	5350254	500.0	501.7	
99 n-Butyl acrylate	73	9.272	9.266	0.006	99	2554797	500.0	540.5	
100 o-Xylene	106	9.290	9.284	0.006	96	5127529	500.0	491.9	
101 Styrene	104	9.319	9.314	0.005	89	8541372	500.0	490.4	
102 Amyl acetate (mixed isomers)	43	9.496	9.490	0.006	93	5080499	500.0	477.0	
103 Bromoform	173	9.525	9.525	0.000	96	1947767	500.0	524.4	
104 Isopropylbenzene	105	9.631	9.631	0.000	97	11113285	500.0	437.7	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	204758	50.0	49.1	
107 Bromobenzene	156	9.955	9.949	0.006	98	3269043	500.0	523.9	
108 1,1,2,2-Tetrachloroethane	83	10.002	9.996	0.006	100	4122709	500.0	539.5	
109 N-Propylbenzene	91	10.014	10.008	0.006	95	12422622	500.0	394.4	
115 1,2,3-Trichloropropane	110	10.037	10.037	0.000	98	1103597	500.0	490.1	
112 trans-1,4-Dichloro-2-butene	53	10.055	10.055	0.000	87	1174995	500.0	529.7	
114 2-Chlorotoluene	91	10.114	10.113	0.001	96	9973605	500.0	454.3	
113 4-Ethyltoluene	105	10.119	10.113	0.006	80	11272108	500.0	427.6	
116 1,3,5-Trimethylbenzene	105	10.178	10.172	0.006	95	9577085	500.0	445.3	
110 4-Chlorotoluene	91	10.219	10.219	0.000	96	8682219	500.0	455.0	
117 Butyl Methacrylate	87	10.261	10.261	0.000	90	3938233	500.0	524.7	
118 tert-Butylbenzene	119	10.443	10.443	0.000	91	8568321	500.0	463.3	
119 1,2,4-Trimethylbenzene	105	10.502	10.496	0.006	94	9611054	500.0	448.9	
120 sec-Butylbenzene	105	10.631	10.625	0.006	92	10839391	500.0	408.8	
121 4-Isopropyltoluene	119	10.749	10.749	0.000	91	10079525	500.0	433.8	
122 1,3-Dichlorobenzene	146	10.761	10.760	0.001	93	6430803	500.0	532.9	
* 106 1,4-Dichlorobenzene-d4	152	10.825	10.819	0.006	93	215240	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.843	10.837	0.006	93	6465422	500.0	515.7	
123 1,2,3-Trimethylbenzene	105	10.855	10.849	0.006	92	10010659	500.0	460.5	
125 Benzyl chloride	91	10.961	10.960	0.001	99	6894471	500.0	496.6	
111 2,3-Dihydroindene	117	11.019	11.013	0.006	94	9568684	500.0	451.5	
126 p-Diethylbenzene	119	11.055	11.055	0.000	91	5976988	500.0	513.5	
127 n-Butylbenzene	92	11.078	11.078	0.000	94	5952932	500.0	509.7	
128 1,2-Dichlorobenzene	146	11.143	11.143	0.000	95	5793917	500.0	520.7	
130 1,2,4,5-Tetramethylbenzene	119	11.666	11.660	0.006	96	8692918	500.0	469.5	
129 1,2-Dibromo-3-Chloropropane	157	11.760	11.760	0.000	95	793964	500.0	475.2	
132 1,3,5-Trichlorobenzene	180	11.866	11.866	0.000	97	4177580	500.0	532.3	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	93	3945320	500.0	555.0	
133 Hexachlorobutadiene	225	12.402	12.402	0.000	95	1337405	500.0	495.4	
134 Naphthalene	128	12.513	12.513	0.000	95	9411766	500.0	462.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.690	12.690	0.000	96	3732345	500.0	556.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1102.3	
S 137 Xylenes, Total	100				0		1000.0	993.5	
S 138 1,3-Dichloropropene, Total	1				0		1000.0	1045.6	
S 139 Total BTEX	1				0		2500.0	2492.8	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

GAS Hi_00386	Amount Added: 50.00	Units: uL	
MIX 1 Hi_00137	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00110	Amount Added: 50.00	Units: uL	
Ethanol mix_00051	Amount Added: 50.00	Units: uL	
8FreonHi_00031	Amount Added: 50.00	Units: uL	
ACROLEIN W_00122	Amount Added: 40.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00417.D

Injection Date: 15-Apr-2021 18:29:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

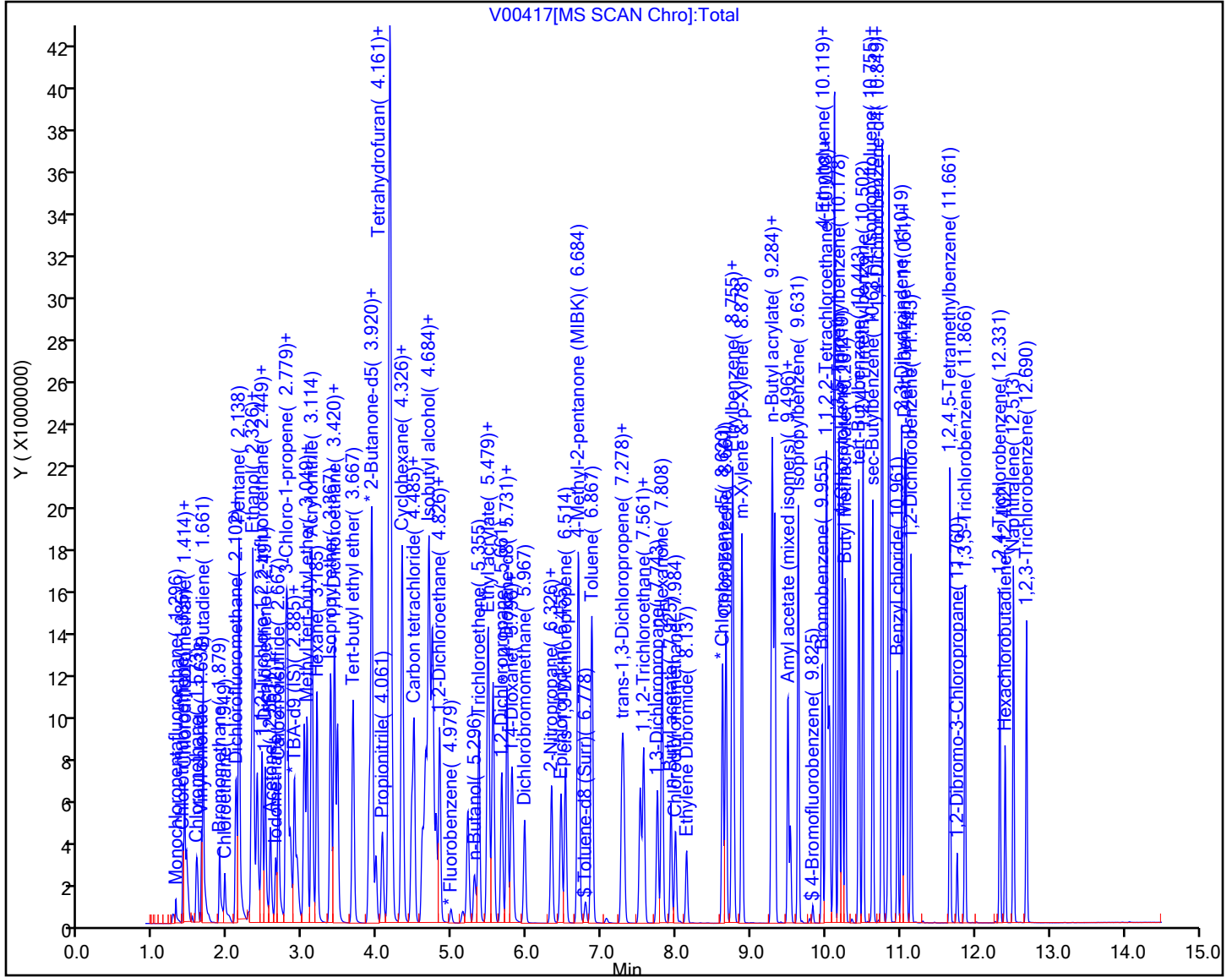
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D

Injection Date: 15-Apr-2021 18:29:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

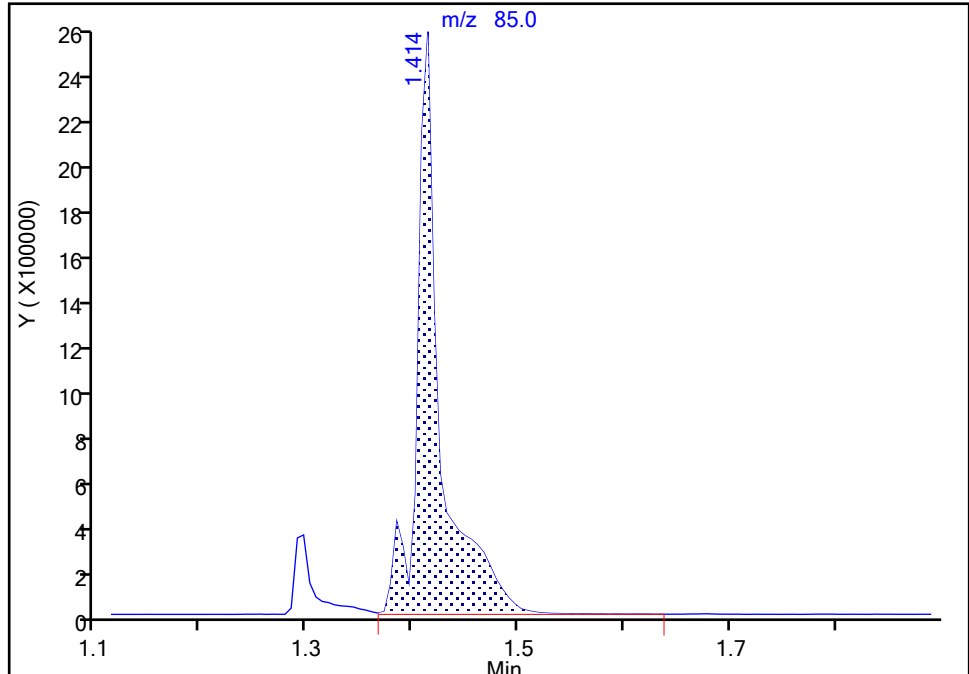
MS Quad

**5 Dichlorodifluoromethane, CAS: 75-71-8**

Signal: 1

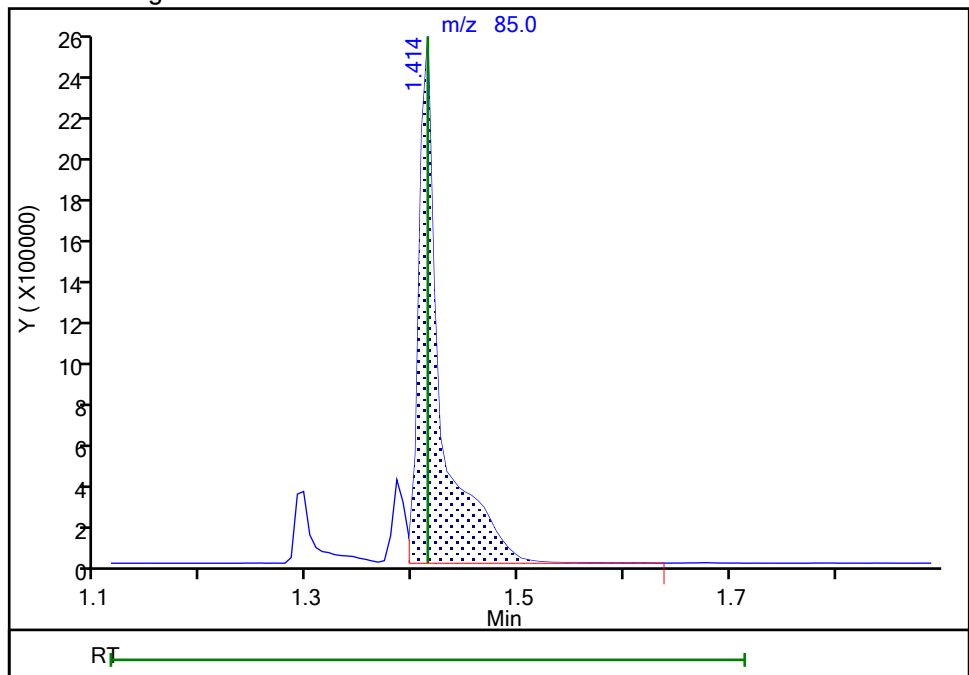
RT: 1.41  
Area: 3892837  
Amount: 537.0451  
Amount Units: ug/l

## Processing Integration Results



RT: 1.41  
Area: 3598280  
Amount: 509.9773  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:25:59

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D

Injection Date: 15-Apr-2021 18:29:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

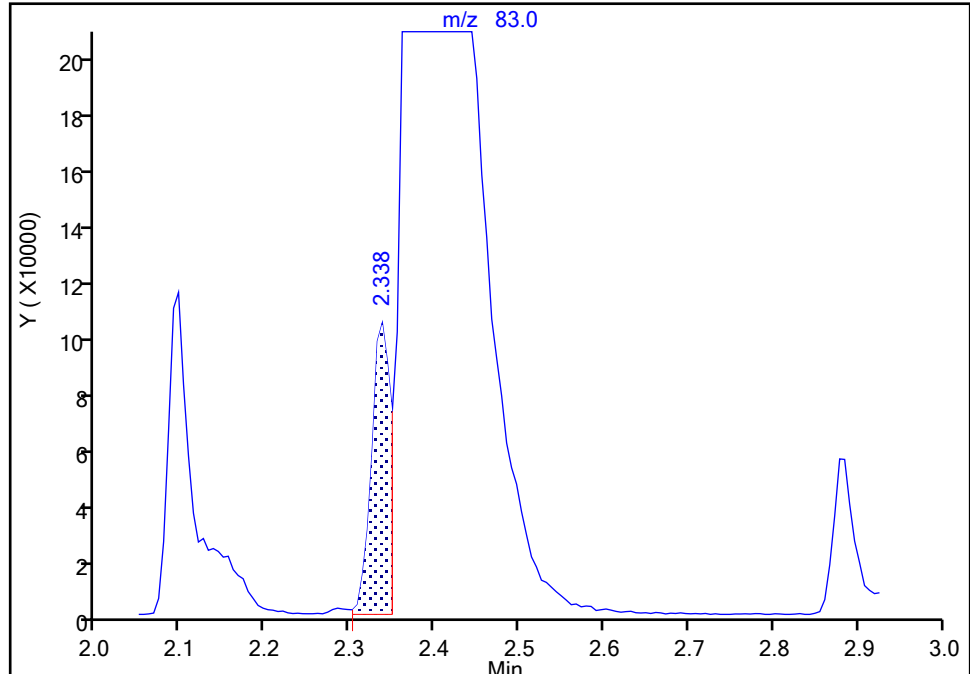
MS Quad

**19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

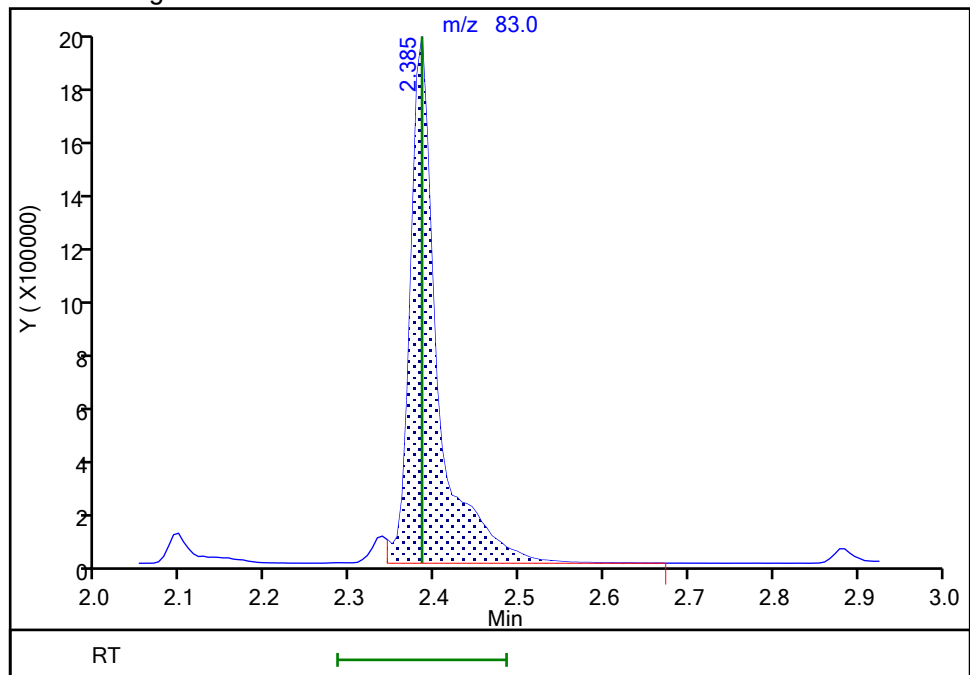
RT: 2.34  
Area: 162700  
Amount: 23.610402  
Amount Units: ug/l

## Processing Integration Results



RT: 2.38  
Area: 4434140  
Amount: 533.2800  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:56:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D

Injection Date: 15-Apr-2021 18:29:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

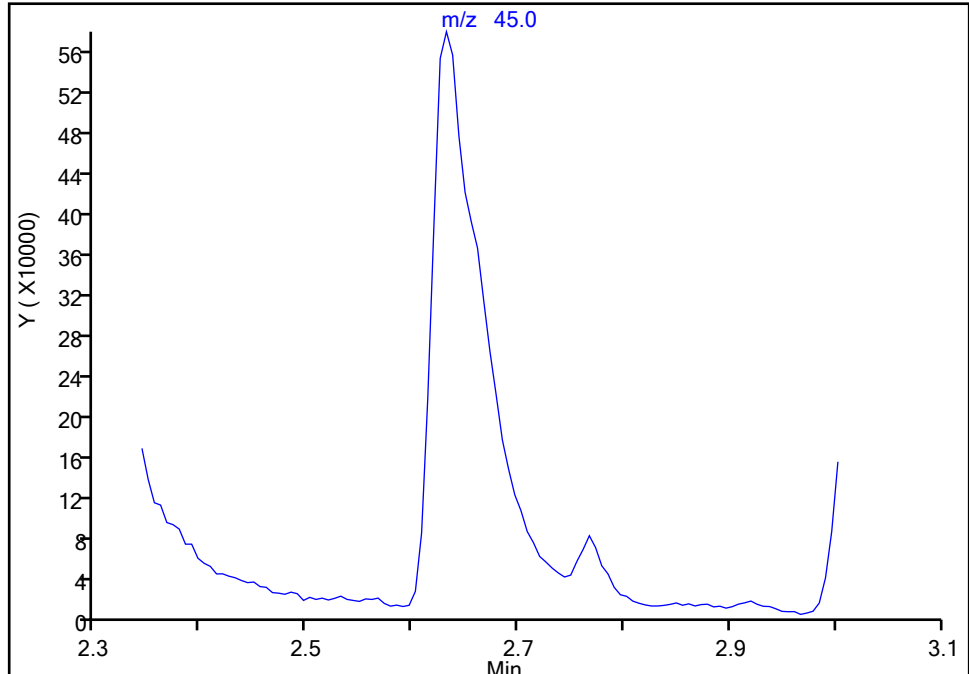
**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

Not Detected

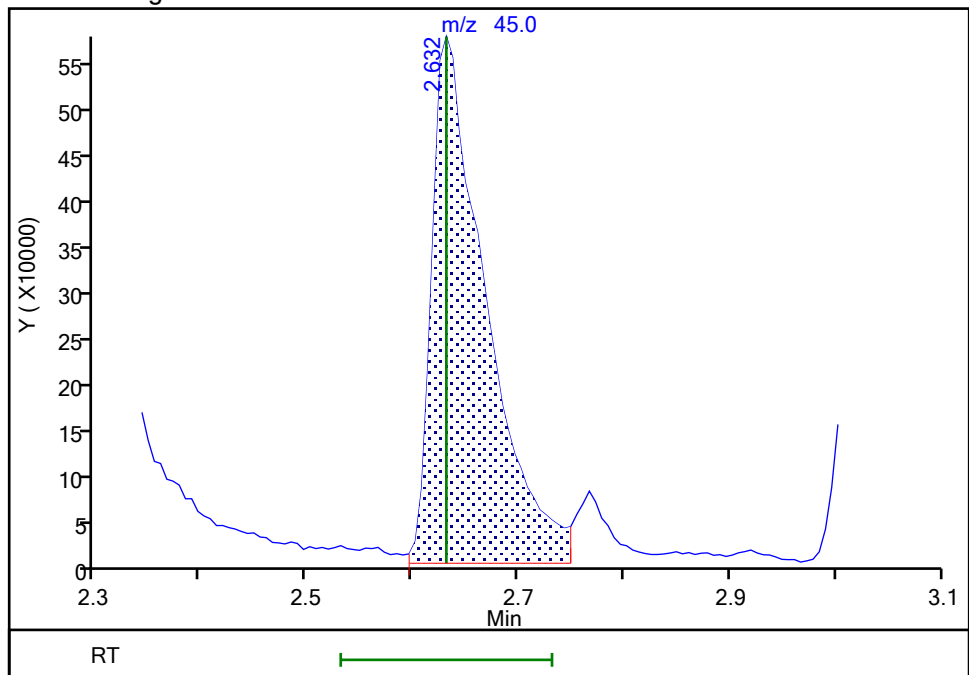
Expected RT: 2.63

## Processing Integration Results



RT: 2.63  
Area: 2037788  
Amount: 4790.6731  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:56:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D

Injection Date: 15-Apr-2021 18:29:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

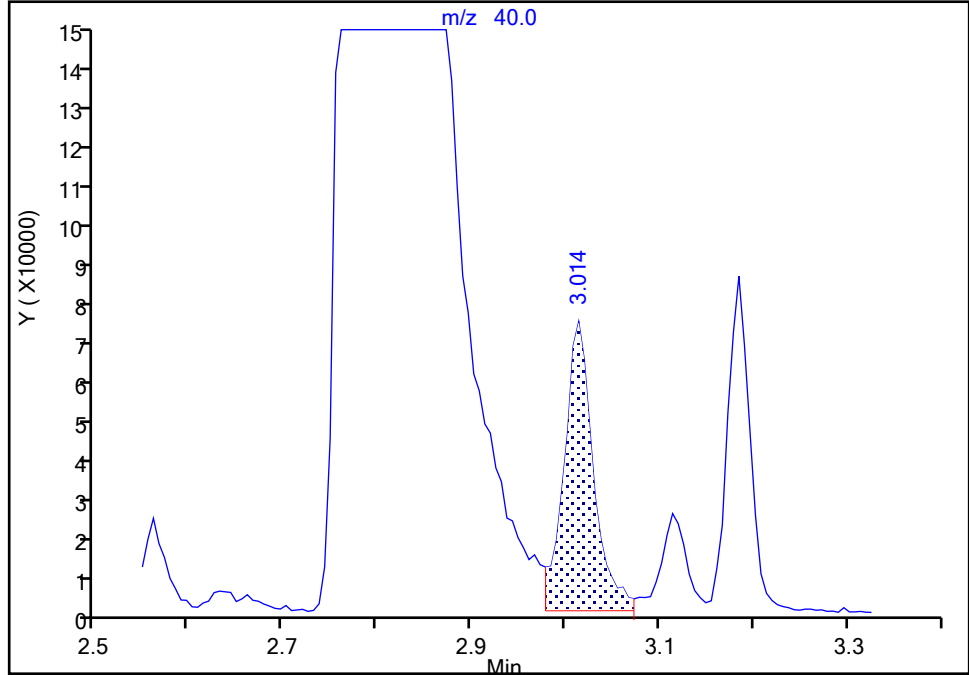
MS Quad

**27 Acetonitrile, CAS: 75-05-8**

Signal: 1

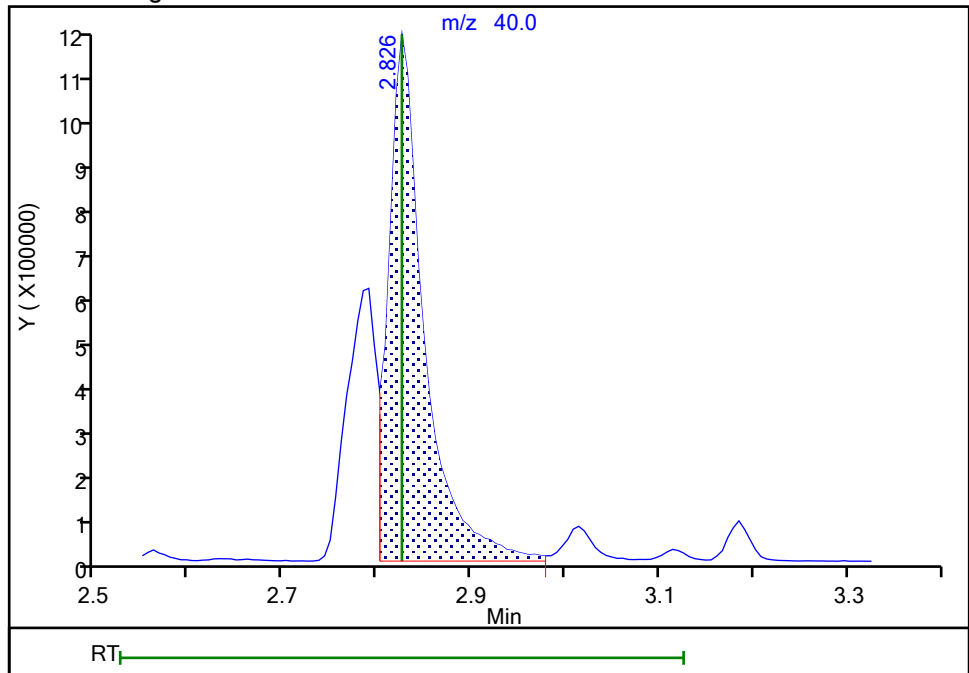
RT: 3.01  
Area: 160876  
Amount: 255.9784  
Amount Units: ug/l

## Processing Integration Results



RT: 2.83  
Area: 2974713  
Amount: 5075.8177  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 15-Apr-2021 18:57:03

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

# Calibration

/ Chlorotrifluoroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

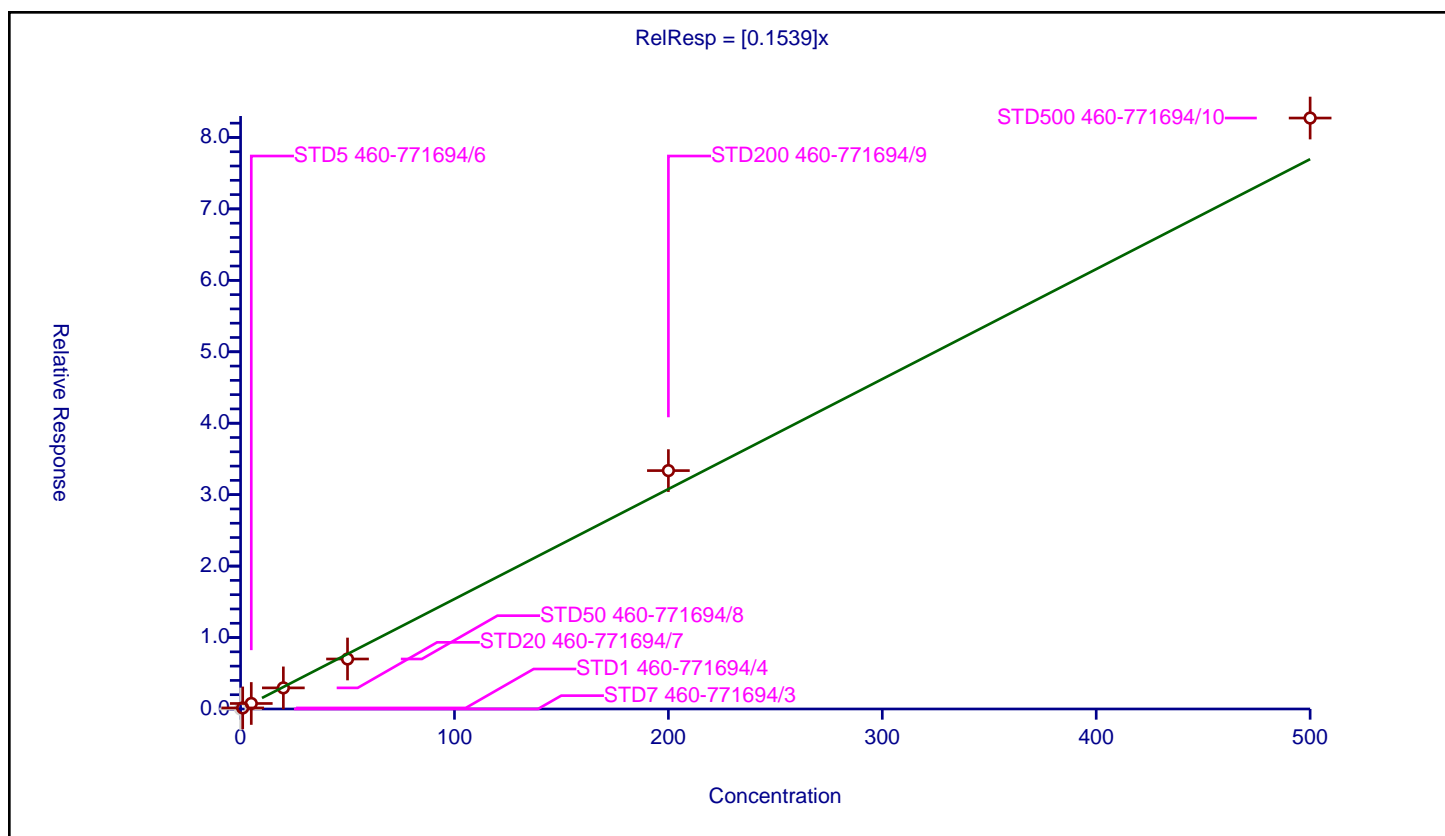
## Curve Coefficients

Intercept: 0  
 Slope: 0.1539

## Error Coefficients

Standard Error: 511000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.149038	50.0	555563.0	0.149038	Y
3	STD5 460-771694/6	5.0	0.77237	50.0	550578.0	0.154474	Y
4	STD20 460-771694/7	20.0	2.955906	50.0	578283.0	0.147795	Y
5	STD50 460-771694/8	50.0	6.997516	50.0	601885.0	0.13995	Y
6	STD200 460-771694/9	200.0	33.36761	50.0	622878.0	0.166838	Y
7	STD500 460-771694/10	500.0	82.716978	50.0	641135.0	0.165434	Y



# Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

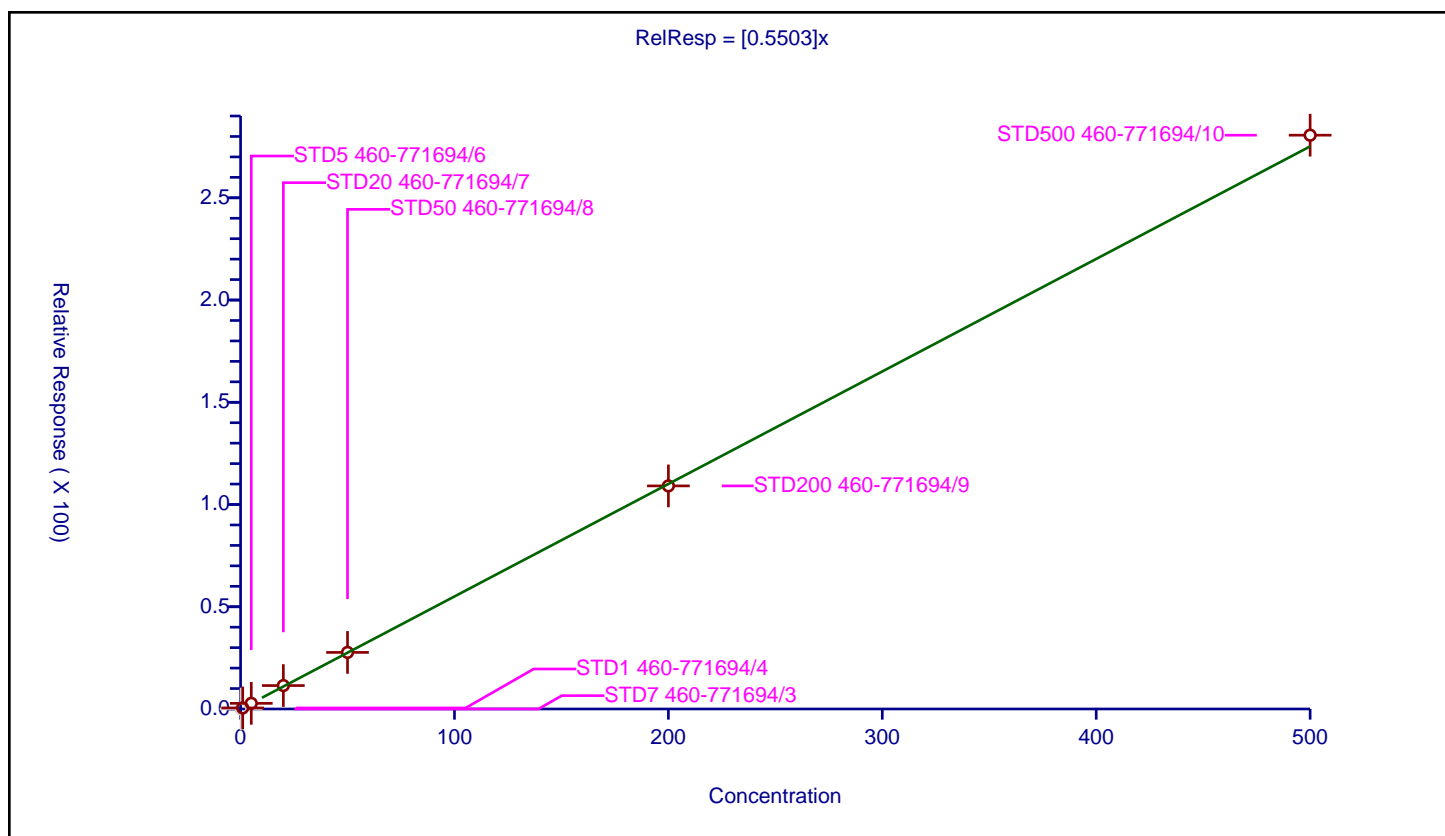
## Curve Coefficients

Intercept: 0  
 Slope: 0.5503

## Error Coefficients

Standard Error: 1730000  
 Relative Standard Error: 3.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.0	50.0	581485.0	0.0	N
2	STD1 460-771694/4	1.0	0.517763	50.0	555563.0	0.517763	Y
3	STD5 460-771694/6	5.0	2.752562	50.0	550578.0	0.550512	Y
4	STD20 460-771694/7	20.0	11.462554	50.0	578283.0	0.573128	Y
5	STD50 460-771694/8	50.0	27.670984	50.0	601885.0	0.55342	Y
6	STD200 460-771694/9	200.0	109.0952	50.0	622878.0	0.545476	Y
7	STD500 460-771694/10	500.0	280.617967	50.0	641135.0	0.561236	Y



# Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

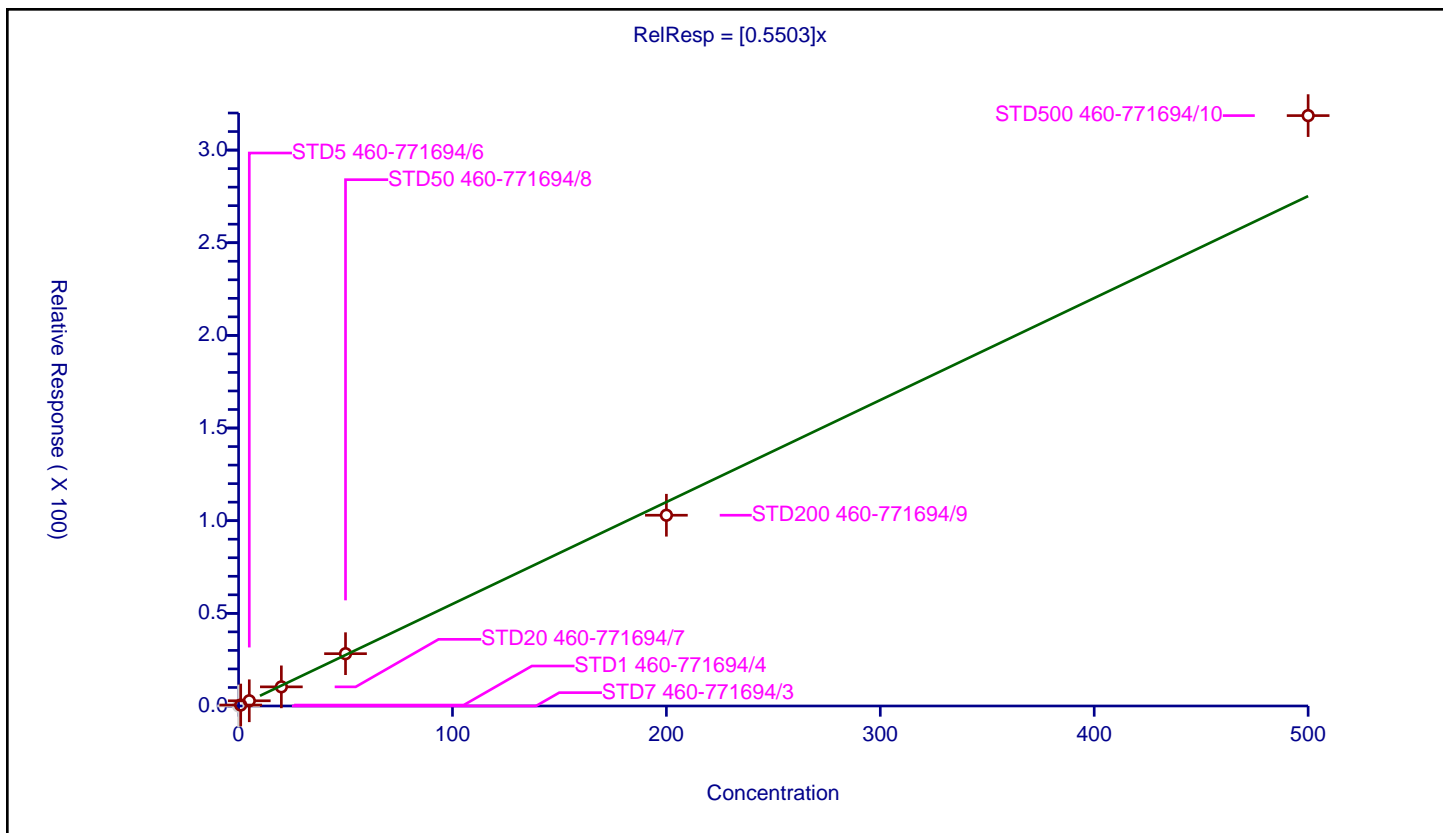
## Curve Coefficients

Intercept: 0  
 Slope: 0.5503

## Error Coefficients

Standard Error: 1920000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 0.993  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.506423	50.0	555563.0	0.506423	Y
3	STD5 460-771694/6	5.0	2.812408	50.0	550578.0	0.562482	Y
4	STD20 460-771694/7	20.0	10.332225	50.0	578283.0	0.516611	Y
5	STD50 460-771694/8	50.0	28.222086	50.0	601885.0	0.564442	Y
6	STD200 460-771694/9	200.0	102.950899	50.0	622878.0	0.514754	Y
7	STD500 460-771694/10	500.0	318.611057	50.0	641135.0	0.637222	Y



# Calibration

/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

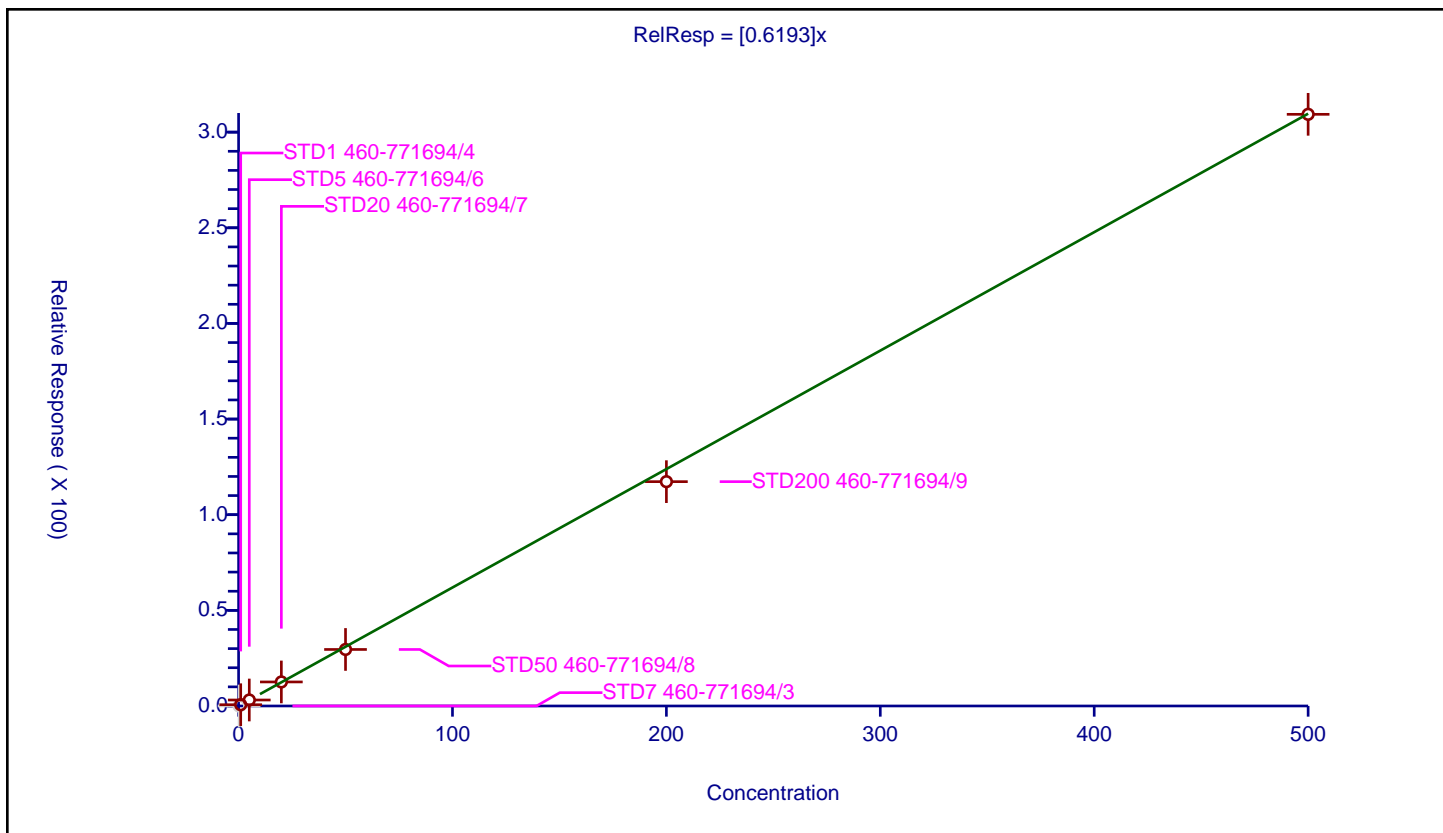
## Curve Coefficients

Intercept: 0  
 Slope: 0.6193

## Error Coefficients

Standard Error: 1900000  
 Relative Standard Error: 4.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.0	50.0	581485.0	0.0	N
2	STD1 460-771694/4	1.0	0.664551	50.0	555563.0	0.664551	Y
3	STD5 460-771694/6	5.0	3.134978	50.0	550578.0	0.626996	Y
4	STD20 460-771694/7	20.0	12.566944	50.0	578283.0	0.628347	Y
5	STD50 460-771694/8	50.0	29.541441	50.0	601885.0	0.590829	Y
6	STD200 460-771694/9	200.0	117.279226	50.0	622878.0	0.586396	Y
7	STD500 460-771694/10	500.0	309.316369	50.0	641135.0	0.618633	Y



# Calibration

/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

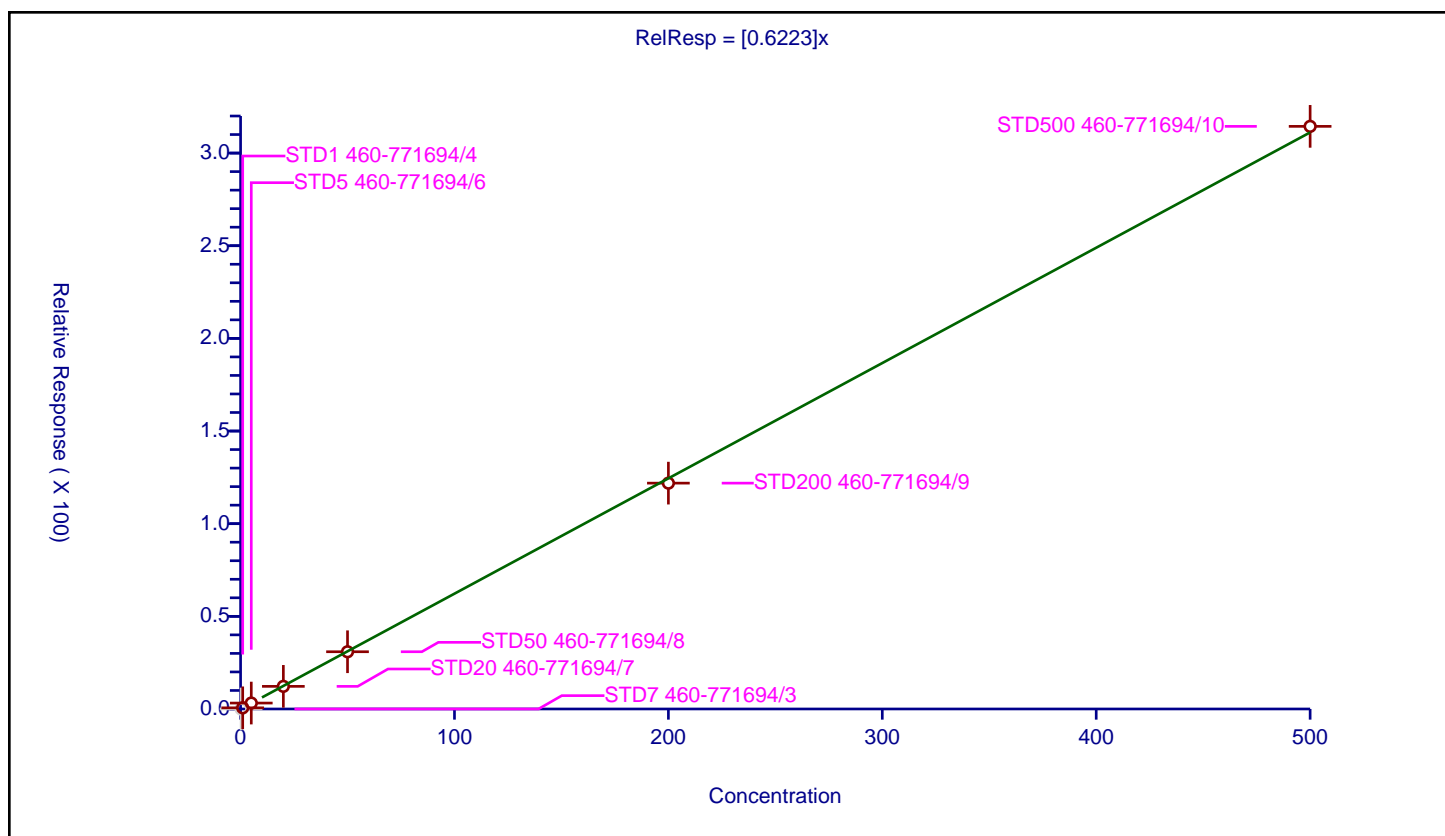
## Curve Coefficients

Intercept: 0  
 Slope: 0.6223

## Error Coefficients

Standard Error: 1930000  
 Relative Standard Error: 1.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.0	50.0	581485.0	0.0	N
2	STD1 460-771694/4	1.0	0.626842	50.0	555563.0	0.626842	Y
3	STD5 460-771694/6	5.0	3.200909	50.0	550578.0	0.640182	Y
4	STD20 460-771694/7	20.0	12.216769	50.0	578283.0	0.610838	Y
5	STD50 460-771694/8	50.0	30.882478	50.0	601885.0	0.61765	Y
6	STD200 460-771694/9	200.0	121.876515	50.0	622878.0	0.609383	Y
7	STD500 460-771694/10	500.0	314.410772	50.0	641135.0	0.628822	Y



# Calibration

/ Butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

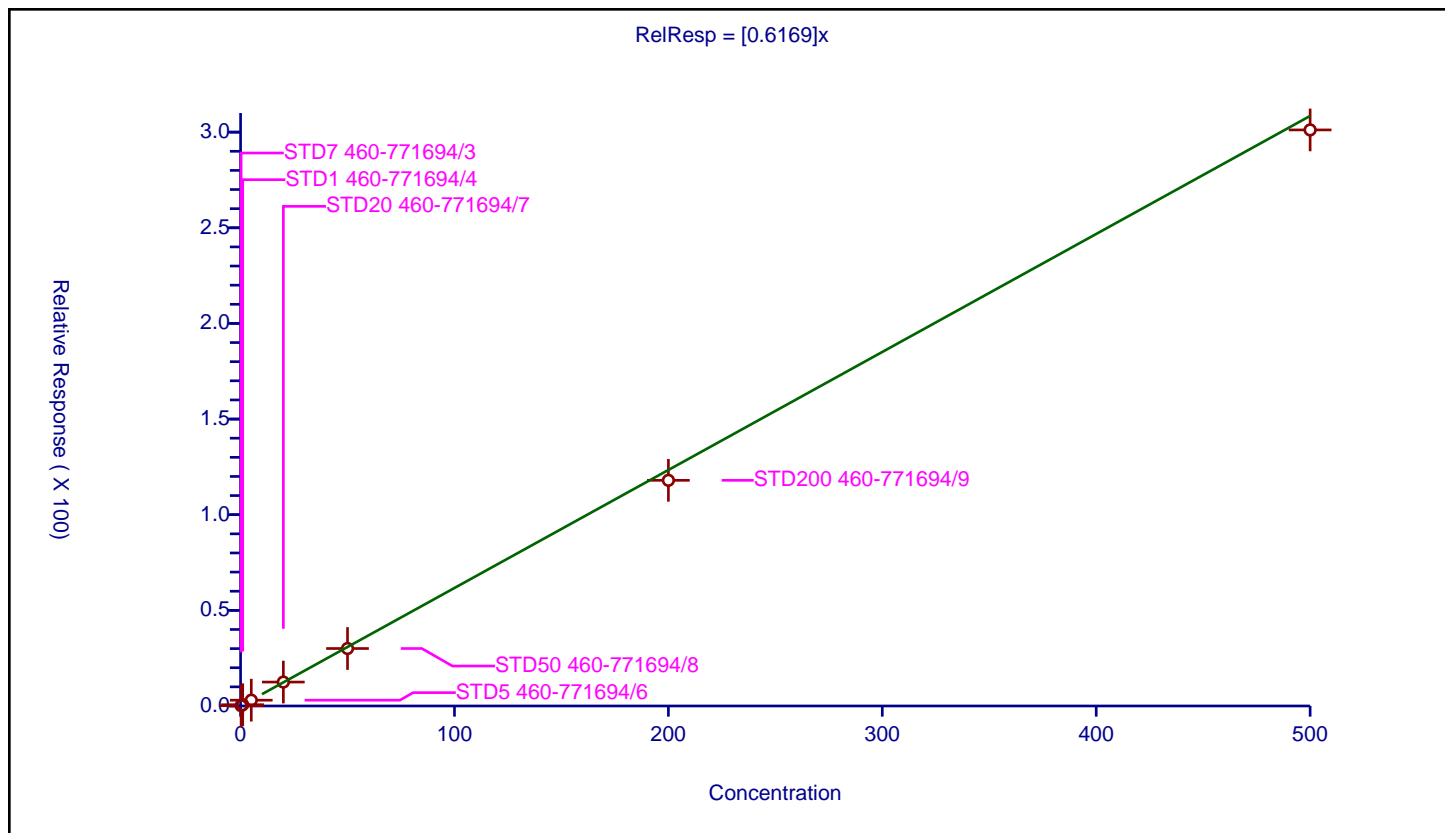
## Curve Coefficients

Intercept: 0  
 Slope: 0.6169

## Error Coefficients

Standard Error: 1690000  
 Relative Standard Error: 3.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.159333	50.0	581485.0	0.637334	Y
2	STD1 460-771694/4	1.0	0.655371	50.0	555563.0	0.655371	Y
3	STD5 460-771694/6	5.0	3.035537	50.0	550578.0	0.607107	Y
4	STD20 460-771694/7	20.0	12.509878	50.0	578283.0	0.625494	Y
5	STD50 460-771694/8	50.0	30.0476	50.0	601885.0	0.600952	Y
6	STD200 460-771694/9	200.0	117.969651	50.0	622878.0	0.589848	Y
7	STD500 460-771694/10	500.0	301.166915	50.0	641135.0	0.602334	Y



# Calibration

/ Bromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

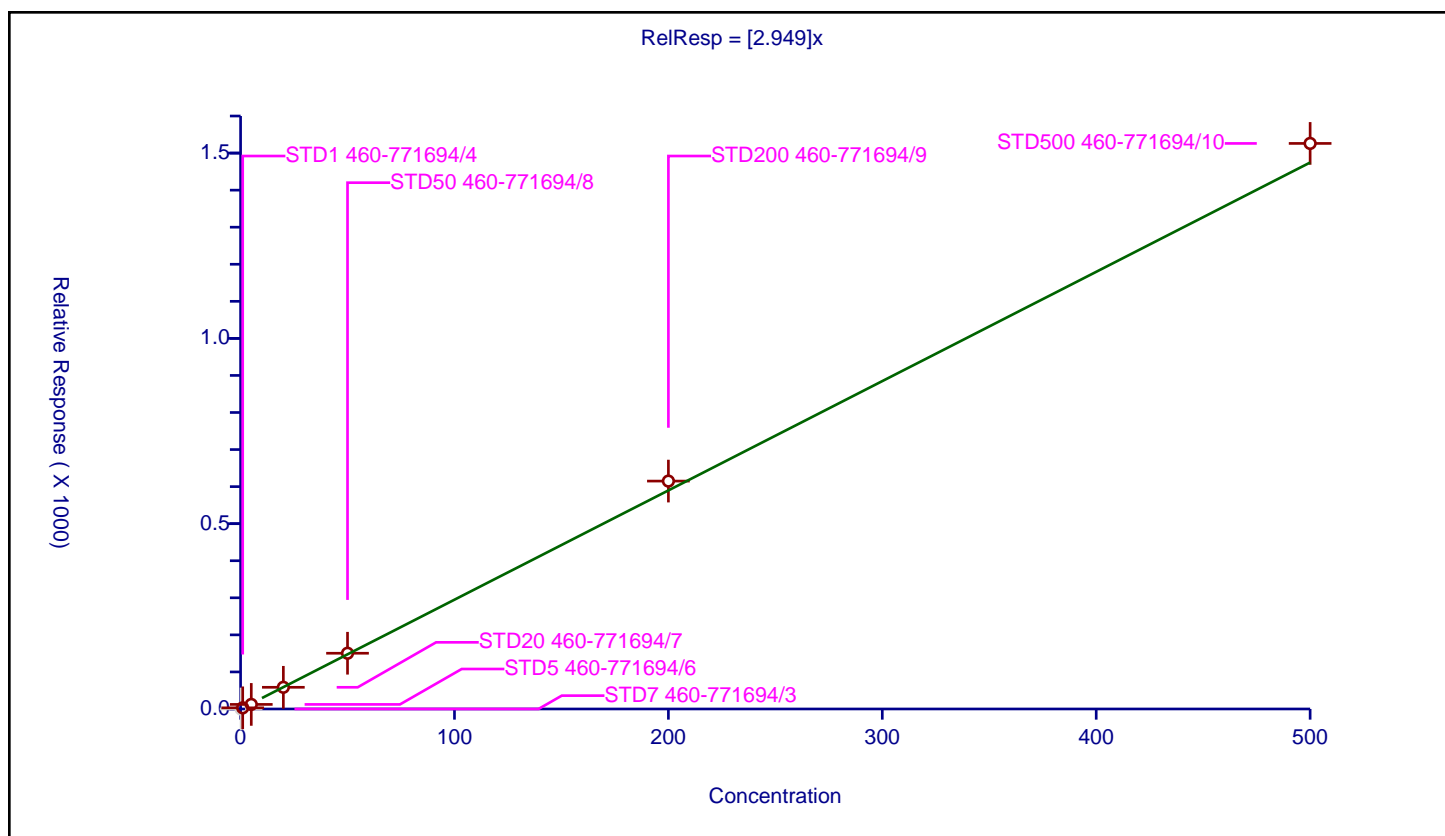
## Curve Coefficients

Intercept: 0  
 Slope: 2.949

## Error Coefficients

Standard Error: 1210000  
 Relative Standard Error: 8.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.0	250.0	309547.0	0.0	N
2	STD1 460-771694/4	1.0	3.162076	250.0	285730.0	3.162076	Y
3	STD5 460-771694/6	5.0	12.350016	250.0	261194.0	2.470003	Y
4	STD20 460-771694/7	20.0	58.533062	250.0	315010.0	2.926653	Y
5	STD50 460-771694/8	50.0	150.416232	250.0	327822.0	3.008325	Y
6	STD200 460-771694/9	200.0	614.918559	250.0	367445.0	3.074593	Y
7	STD500 460-771694/10	500.0	1526.051092	250.0	417756.0	3.052102	Y





# Calibration

/ Chloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

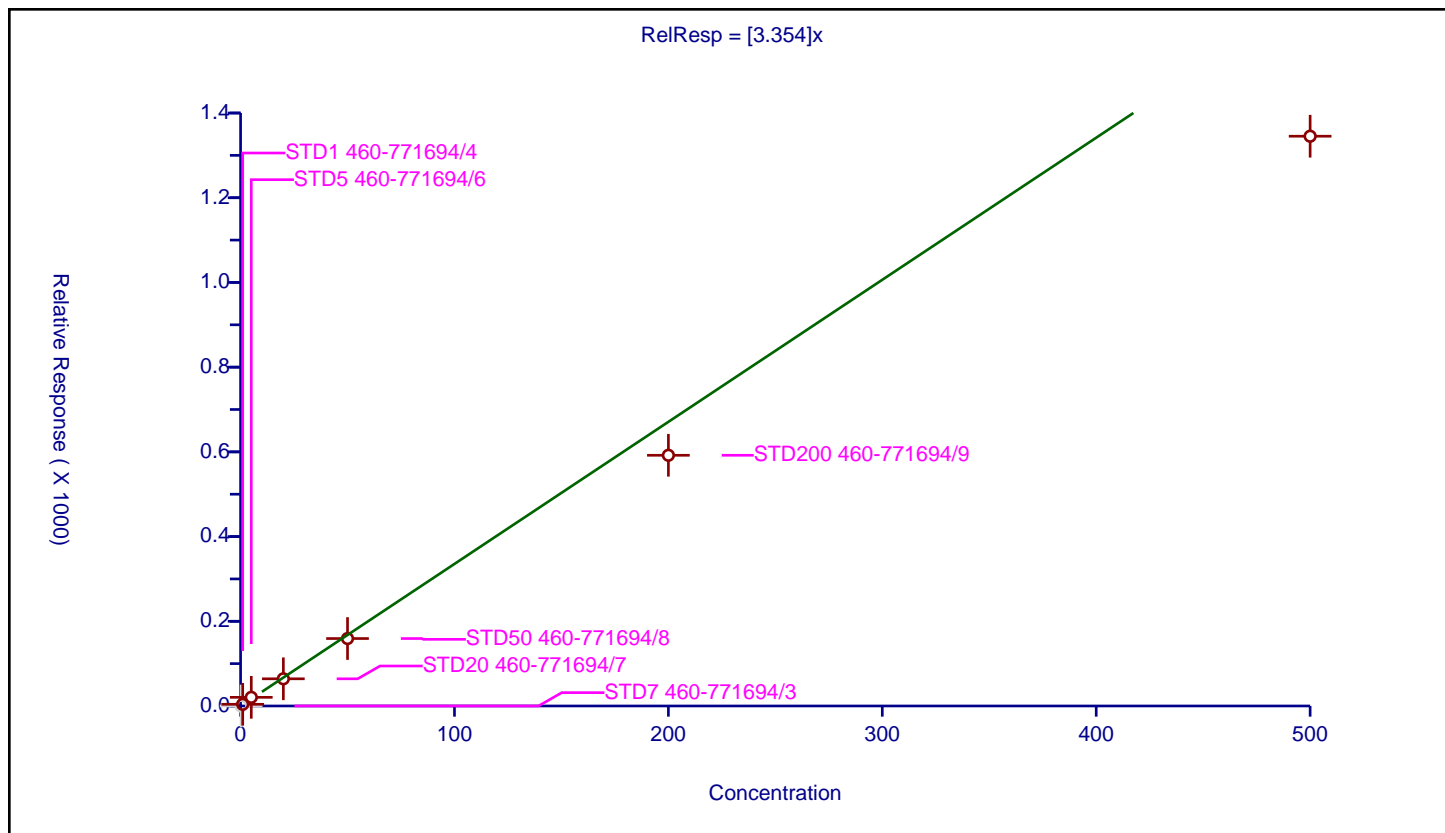
## Curve Coefficients

Intercept: 0  
 Slope: 3.354

## Error Coefficients

Standard Error: 1080000  
 Relative Standard Error: 16.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.0	250.0	309547.0	0.0	N
2	STD1 460-771694/4	1.0	3.99503	250.0	285730.0	3.99503	Y
3	STD5 460-771694/6	5.0	20.438831	250.0	261194.0	4.087766	Y
4	STD20 460-771694/7	20.0	64.157487	250.0	315010.0	3.207874	Y
5	STD50 460-771694/8	50.0	159.225128	250.0	327822.0	3.184503	Y
6	STD200 460-771694/9	200.0	591.944373	250.0	367445.0	2.959722	Y
7	STD500 460-771694/10	500.0	1345.198513	250.0	417756.0	2.690397	Y



# Calibration

/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

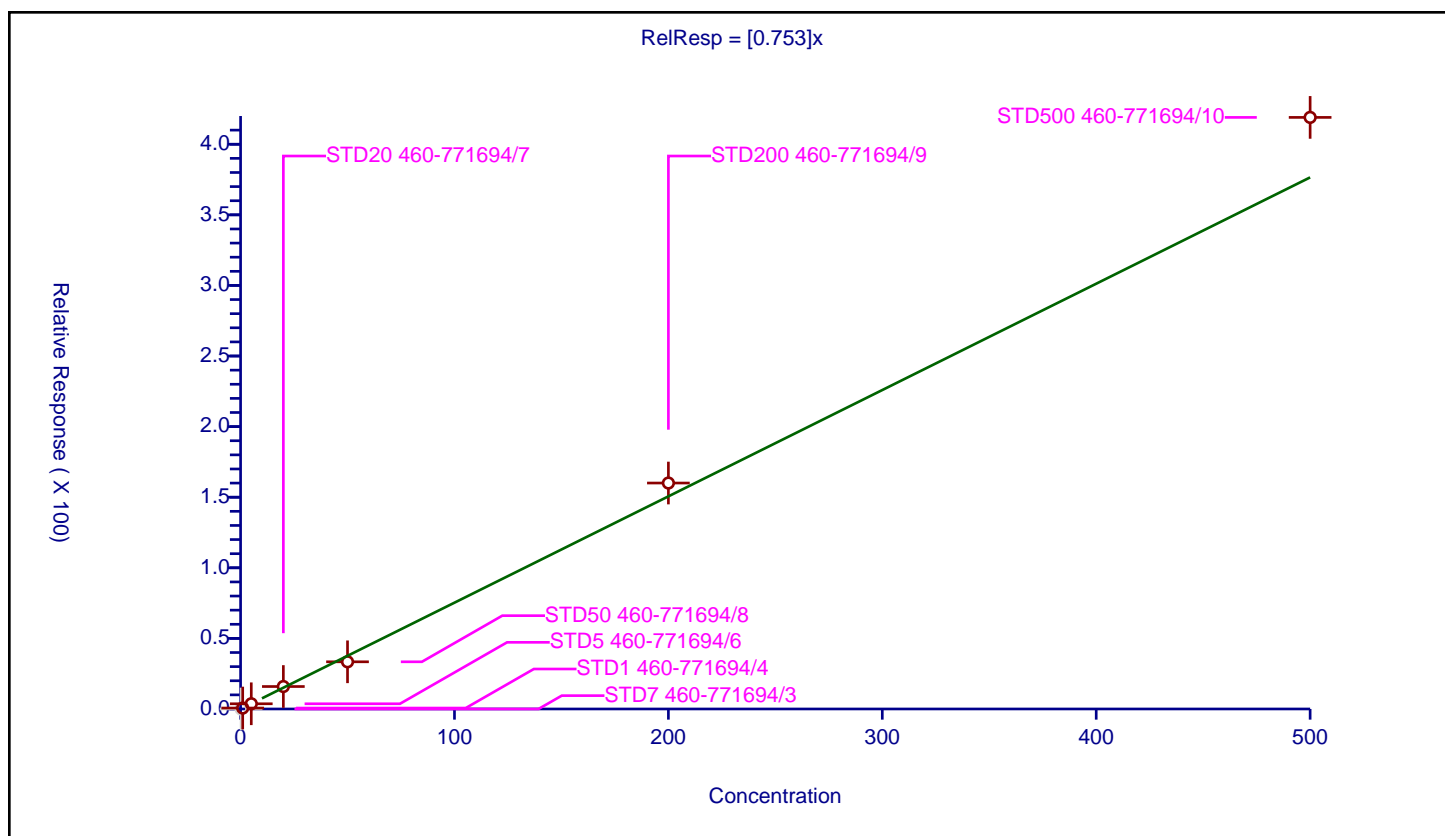
## Curve Coefficients

Intercept: 0  
 Slope: 0.753

## Error Coefficients

Standard Error: 2570000  
 Relative Standard Error: 9.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.0	50.0	581485.0	0.0	N
2	STD1 460-771694/4	1.0	0.677331	50.0	555563.0	0.677331	Y
3	STD5 460-771694/6	5.0	3.695208	50.0	550578.0	0.739042	Y
4	STD20 460-771694/7	20.0	15.906399	50.0	578283.0	0.79532	Y
5	STD50 460-771694/8	50.0	33.416516	50.0	601885.0	0.66833	Y
6	STD200 460-771694/9	200.0	160.038804	50.0	622878.0	0.800194	Y
7	STD500 460-771694/10	500.0	419.008321	50.0	641135.0	0.838017	Y



# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

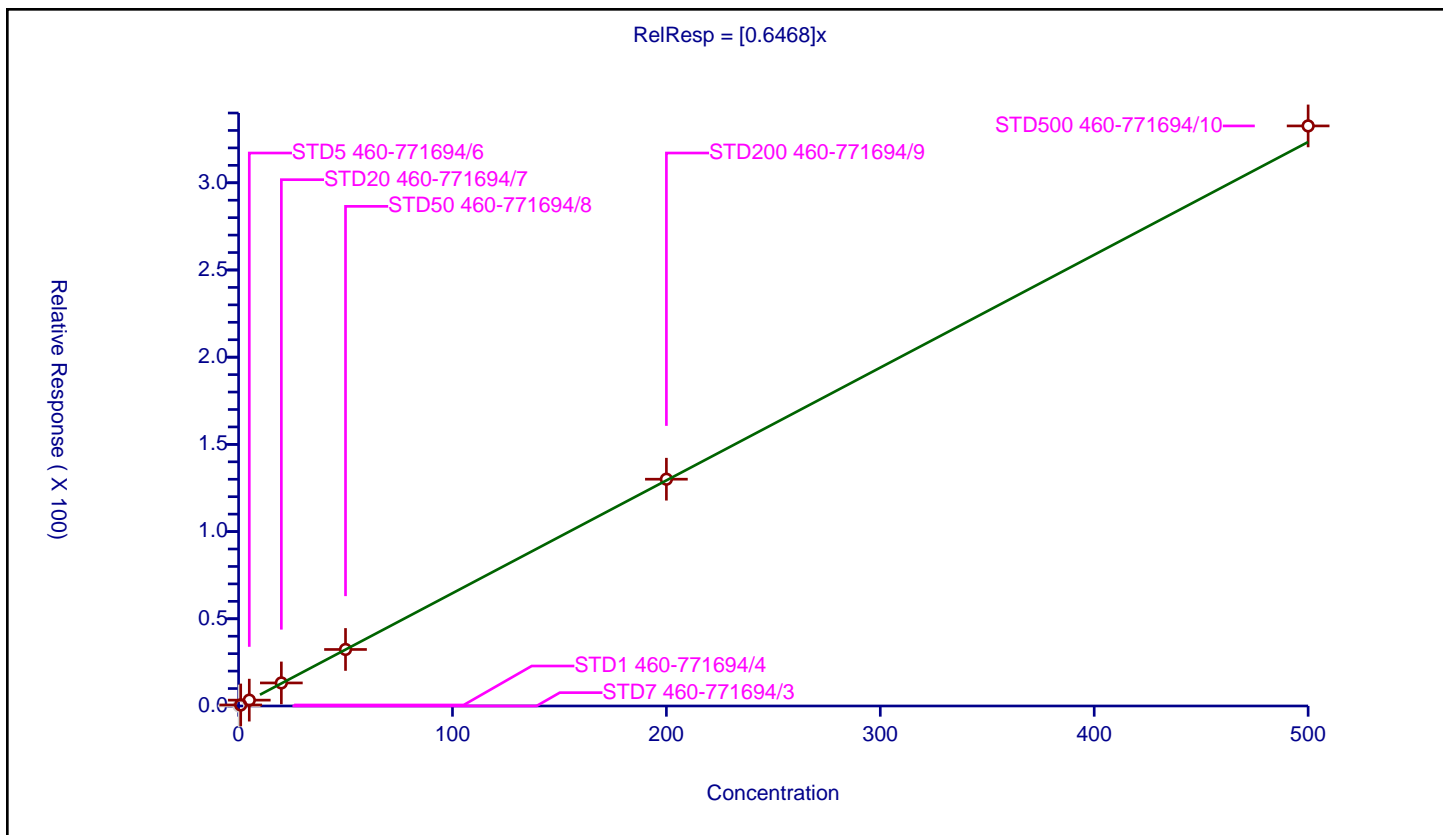
## Curve Coefficients

Intercept: 0  
 Slope: 0.6468

## Error Coefficients

Standard Error: 2050000  
 Relative Standard Error: 4.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.25	0.0	50.0	581485.0	0.0	N
2	STD1 460-771694/4	1.0	0.585442	50.0	555563.0	0.585442	Y
3	STD5 460-771694/6	5.0	3.35166	50.0	550578.0	0.670332	Y
4	STD20 460-771694/7	20.0	13.22337	50.0	578283.0	0.661168	Y
5	STD50 460-771694/8	50.0	32.411756	50.0	601885.0	0.648235	Y
6	STD200 460-771694/9	200.0	130.035497	50.0	622878.0	0.650177	Y
7	STD500 460-771694/10	500.0	332.594461	50.0	641135.0	0.665189	Y



# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

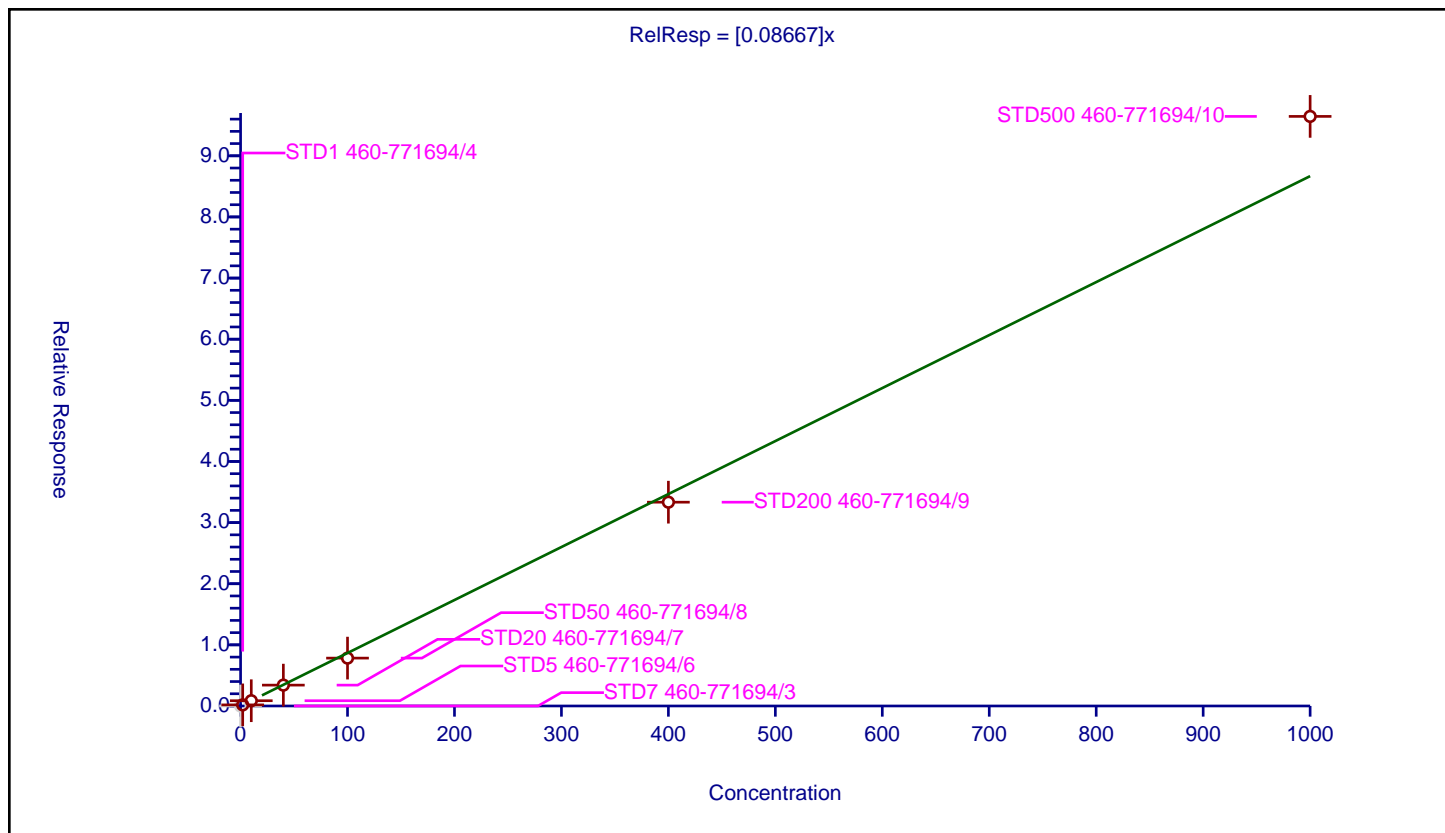
## Curve Coefficients

Intercept: 0  
 Slope: 0.08667

## Error Coefficients

Standard Error: 585000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	2.0	0.181078	50.0	555563.0	0.090539	Y
3	STD5 460-771694/6	10.0	0.860278	50.0	550578.0	0.086028	Y
4	STD20 460-771694/7	40.0	3.414505	50.0	578283.0	0.085363	Y
5	STD50 460-771694/8	100.0	7.832476	50.0	601885.0	0.078325	Y
6	STD200 460-771694/9	400.0	33.339835	50.0	622878.0	0.08335	Y
7	STD500 460-771694/10	1000.0	96.445522	50.0	641135.0	0.096446	Y



# Calibration

/ Ethanol

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

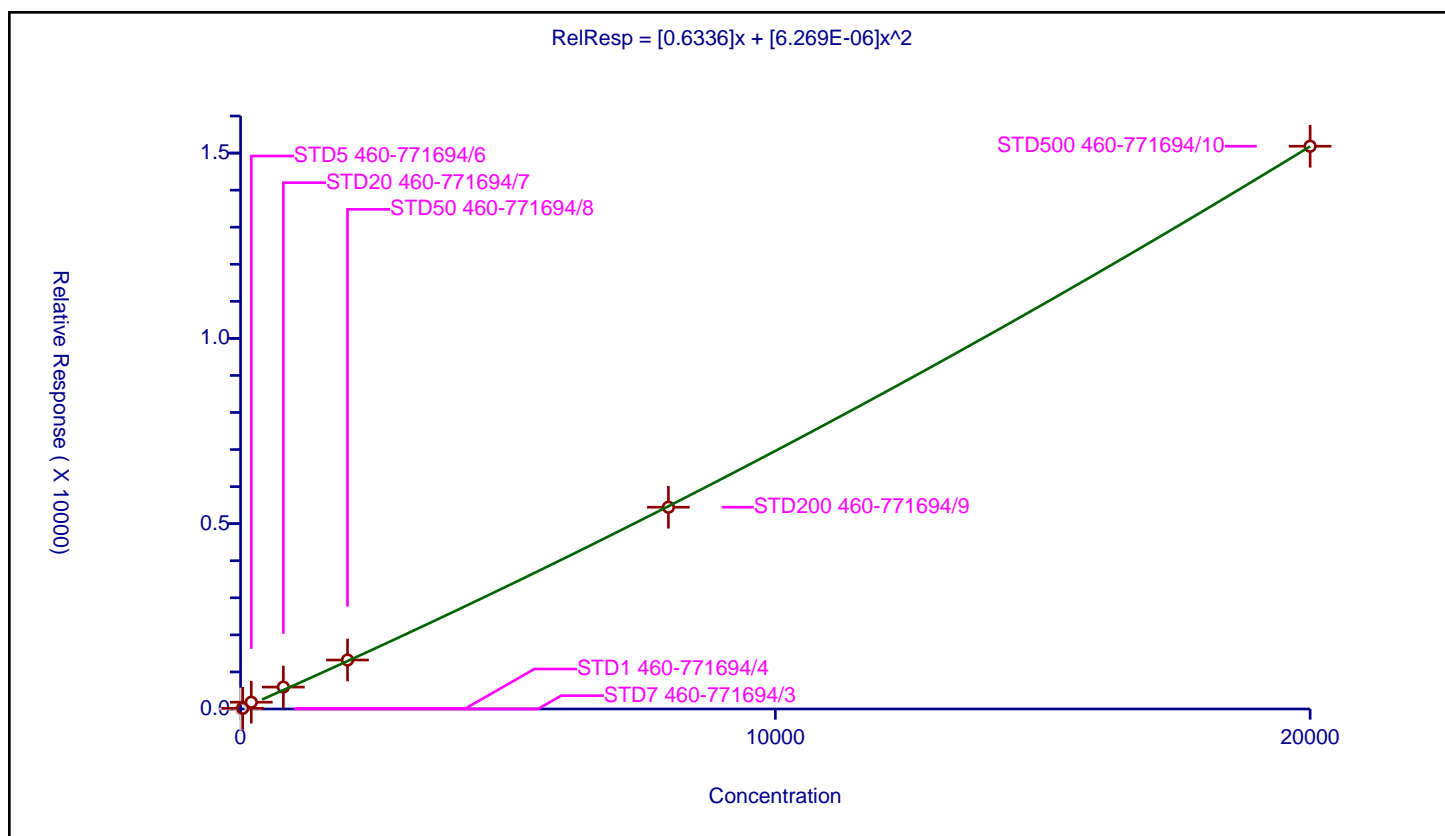
## Curve Coefficients

Intercept: 0  
 Slope: 0.6336  
 Second Order: 6.269E-06

## Error Coefficients

Standard Error: 391000  
 Relative Standard Error: 27.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	40248.0	NaN	N
2	STD1 460-771694/4	40.0	17.763761	1000.0	37098.0	0.444094	Y
3	STD5 460-771694/6	200.0	182.872293	1000.0	31306.0	0.914361	Y
4	STD20 460-771694/7	800.0	591.127159	1000.0	39604.0	0.738909	Y
5	STD50 460-771694/8	2000.0	1321.470343	1000.0	41895.0	0.660735	Y
6	STD200 460-771694/9	8000.0	5444.444444	1000.0	47844.0	0.680556	Y
7	STD500 460-771694/10	20000.0	15184.442112	1000.0	49544.0	0.759222	Y



# Calibration

/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

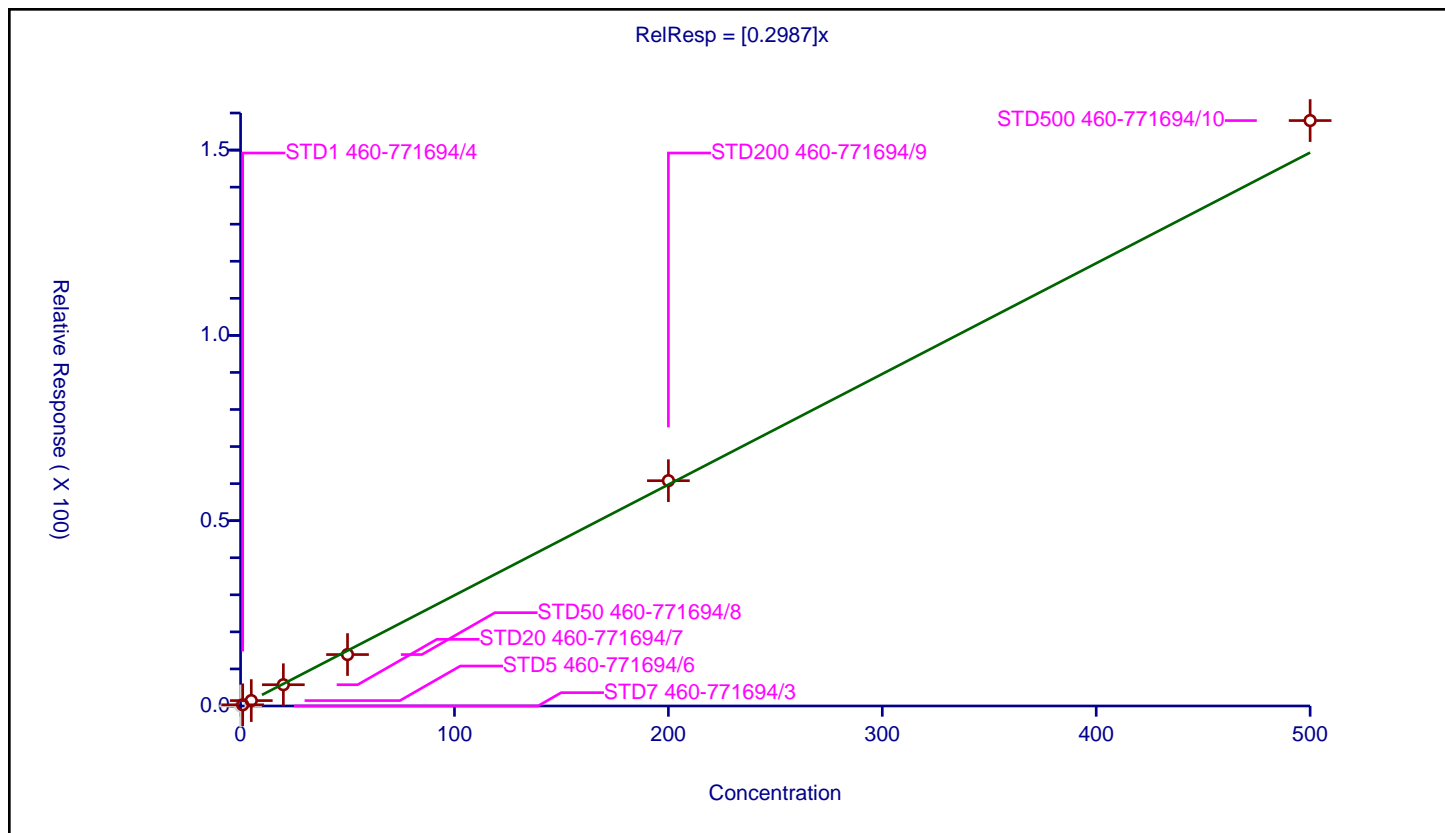
## Curve Coefficients

Intercept: 0  
 Slope: 0.2987

## Error Coefficients

Standard Error: 970000  
 Relative Standard Error: 5.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.316976	50.0	555563.0	0.316976	Y
3	STD5 460-771694/6	5.0	1.453473	50.0	550578.0	0.290695	Y
4	STD20 460-771694/7	20.0	5.737502	50.0	578283.0	0.286875	Y
5	STD50 460-771694/8	50.0	13.874744	50.0	601885.0	0.277495	Y
6	STD200 460-771694/9	200.0	60.79168	50.0	622878.0	0.303958	Y
7	STD500 460-771694/10	500.0	157.960804	50.0	641135.0	0.315922	Y



# Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

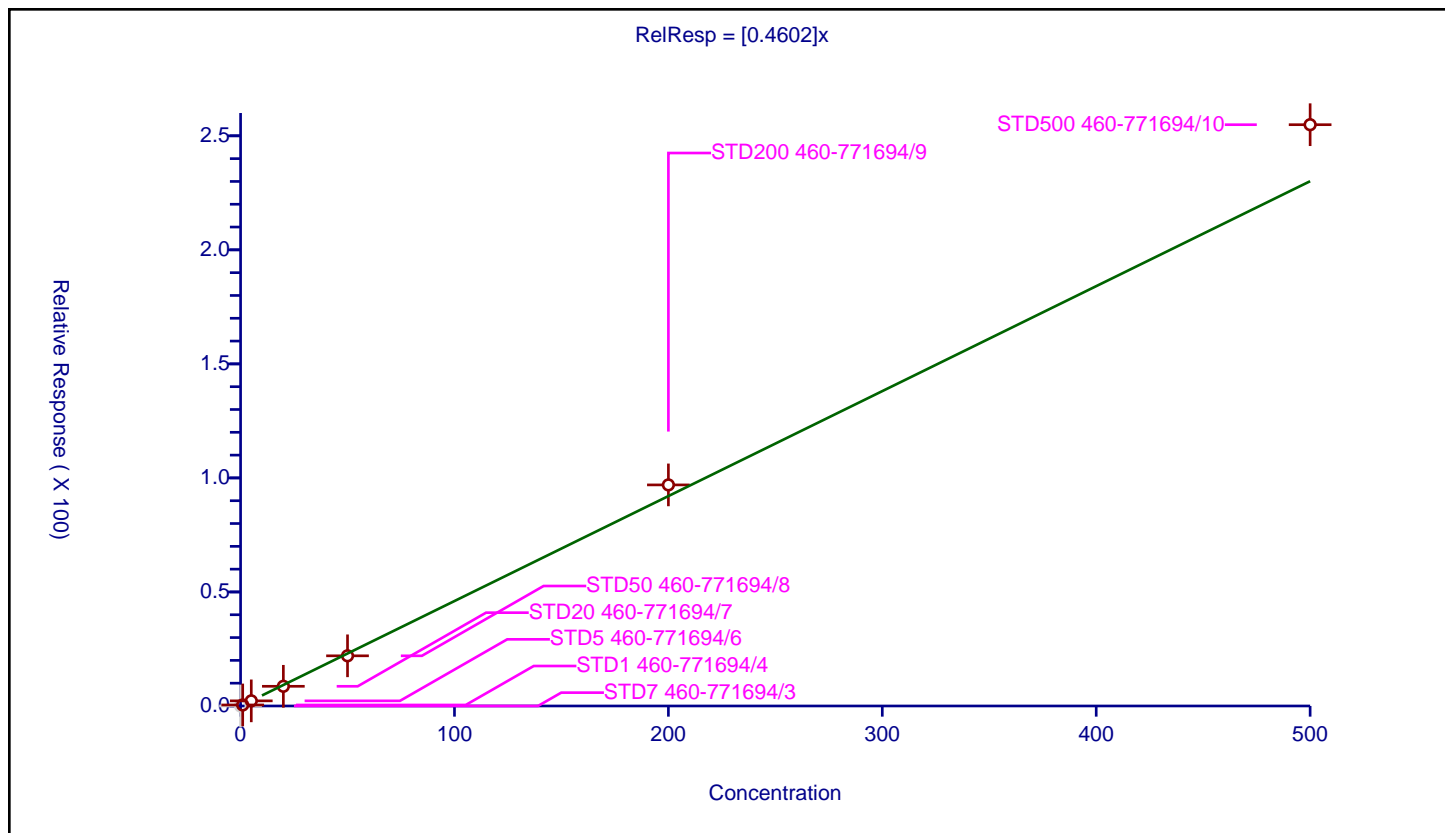
## Curve Coefficients

Intercept: 0  
 Slope: 0.4602

## Error Coefficients

Standard Error: 1560000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.444864	50.0	555563.0	0.444864	Y
3	STD5 460-771694/6	5.0	2.25118	50.0	550578.0	0.450236	Y
4	STD20 460-771694/7	20.0	8.631673	50.0	578283.0	0.431584	Y
5	STD50 460-771694/8	50.0	22.000714	50.0	601885.0	0.440014	Y
6	STD200 460-771694/9	200.0	96.940974	50.0	622878.0	0.484705	Y
7	STD500 460-771694/10	500.0	254.875806	50.0	641135.0	0.509752	Y



# Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

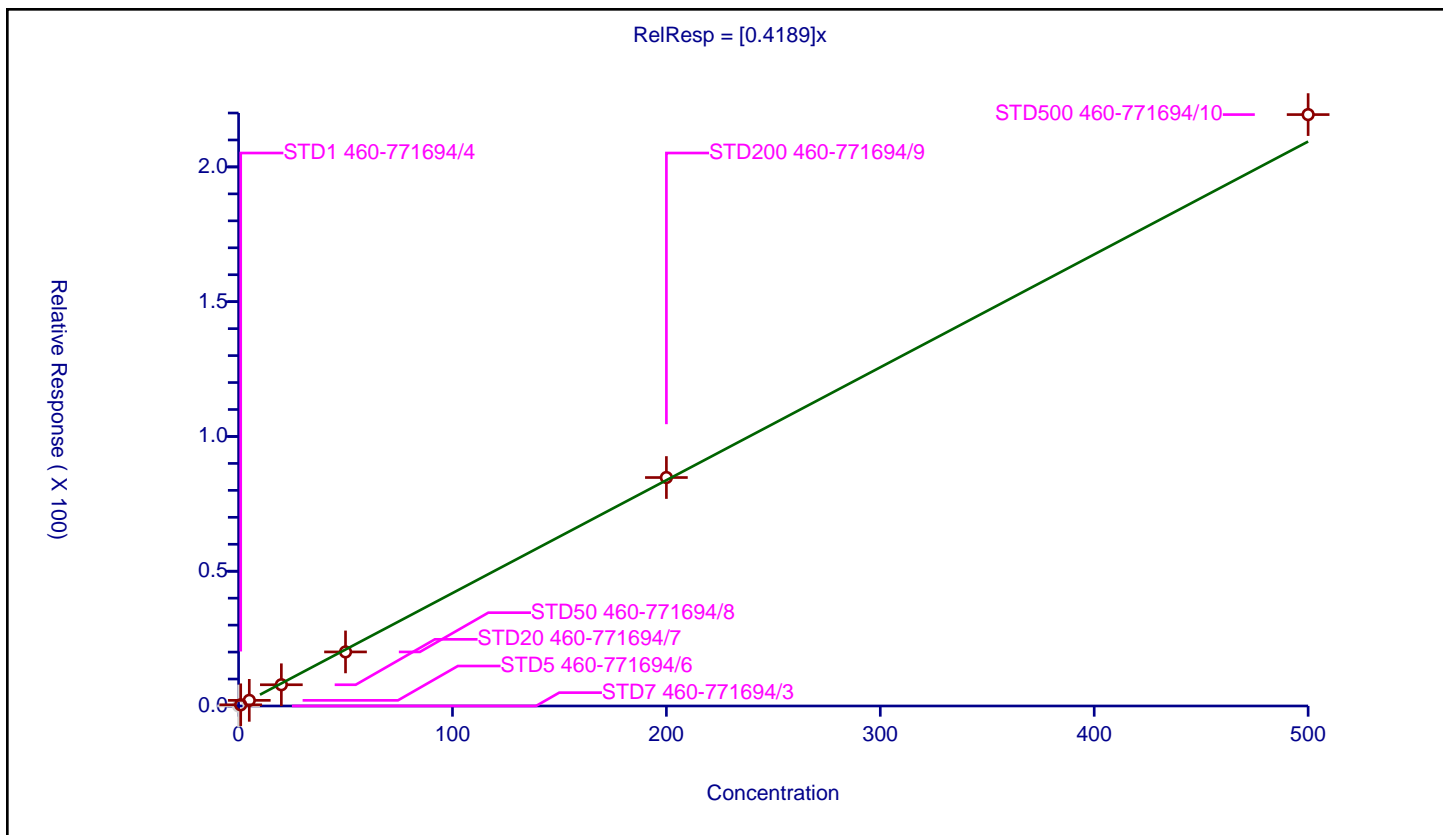
## Curve Coefficients

Intercept: 0  
 Slope: 0.4189

## Error Coefficients

Standard Error: 1350000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.436674	50.0	555563.0	0.436674	Y
3	STD5 460-771694/6	5.0	2.092891	50.0	550578.0	0.418578	Y
4	STD20 460-771694/7	20.0	7.881089	50.0	578283.0	0.394054	Y
5	STD50 460-771694/8	50.0	20.059148	50.0	601885.0	0.401183	Y
6	STD200 460-771694/9	200.0	84.762666	50.0	622878.0	0.423813	Y
7	STD500 460-771694/10	500.0	219.419155	50.0	641135.0	0.438838	Y





# Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

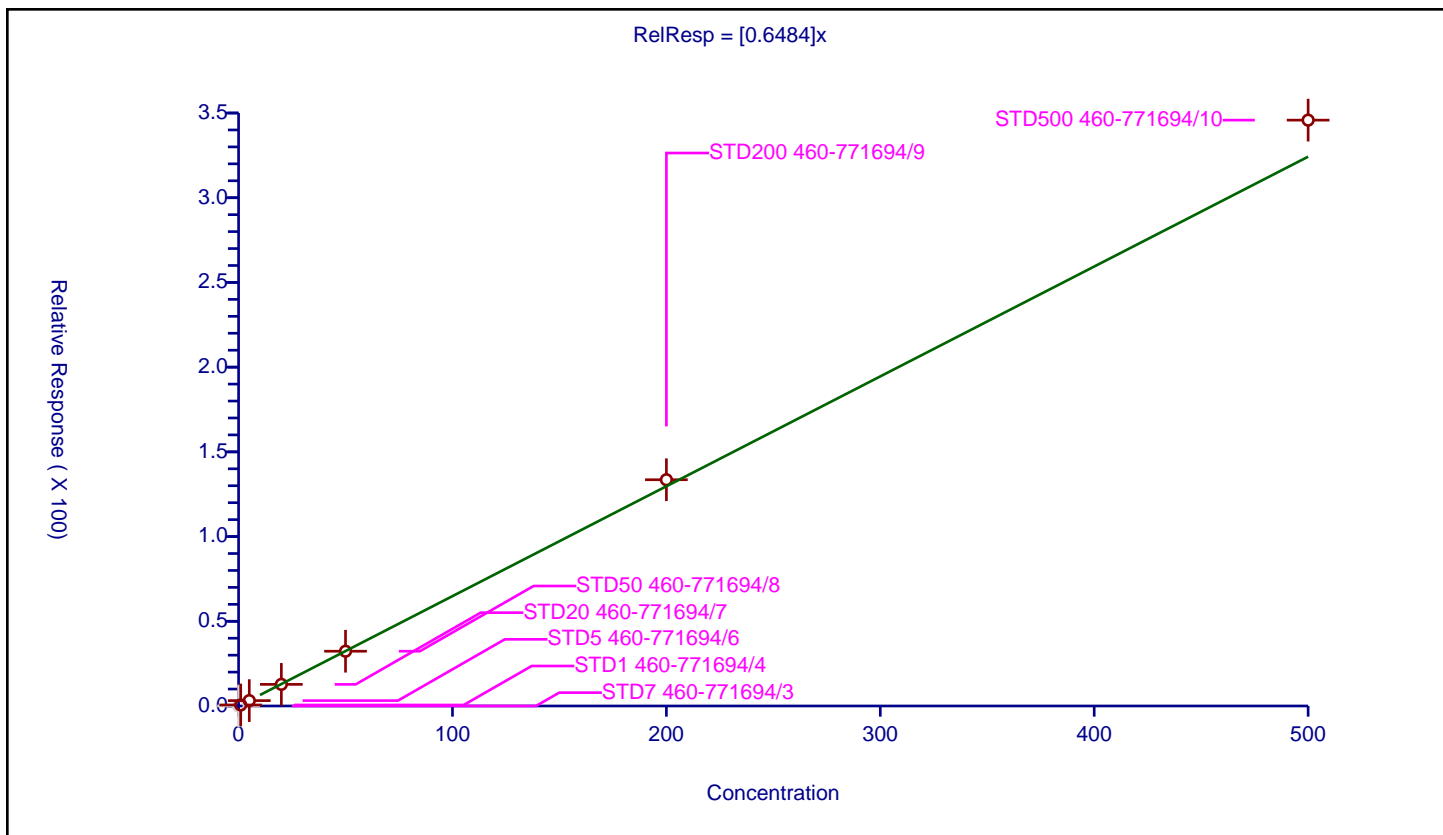
## Curve Coefficients

Intercept: 0  
 Slope: 0.6484

## Error Coefficients

Standard Error: 2130000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.612622	50.0	555563.0	0.612622	Y
3	STD5 460-771694/6	5.0	3.172575	50.0	550578.0	0.634515	Y
4	STD20 460-771694/7	20.0	12.757249	50.0	578283.0	0.637862	Y
5	STD50 460-771694/8	50.0	32.318134	50.0	601885.0	0.646363	Y
6	STD200 460-771694/9	200.0	133.542684	50.0	622878.0	0.667713	Y
7	STD500 460-771694/10	500.0	345.803926	50.0	641135.0	0.691608	Y



# Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

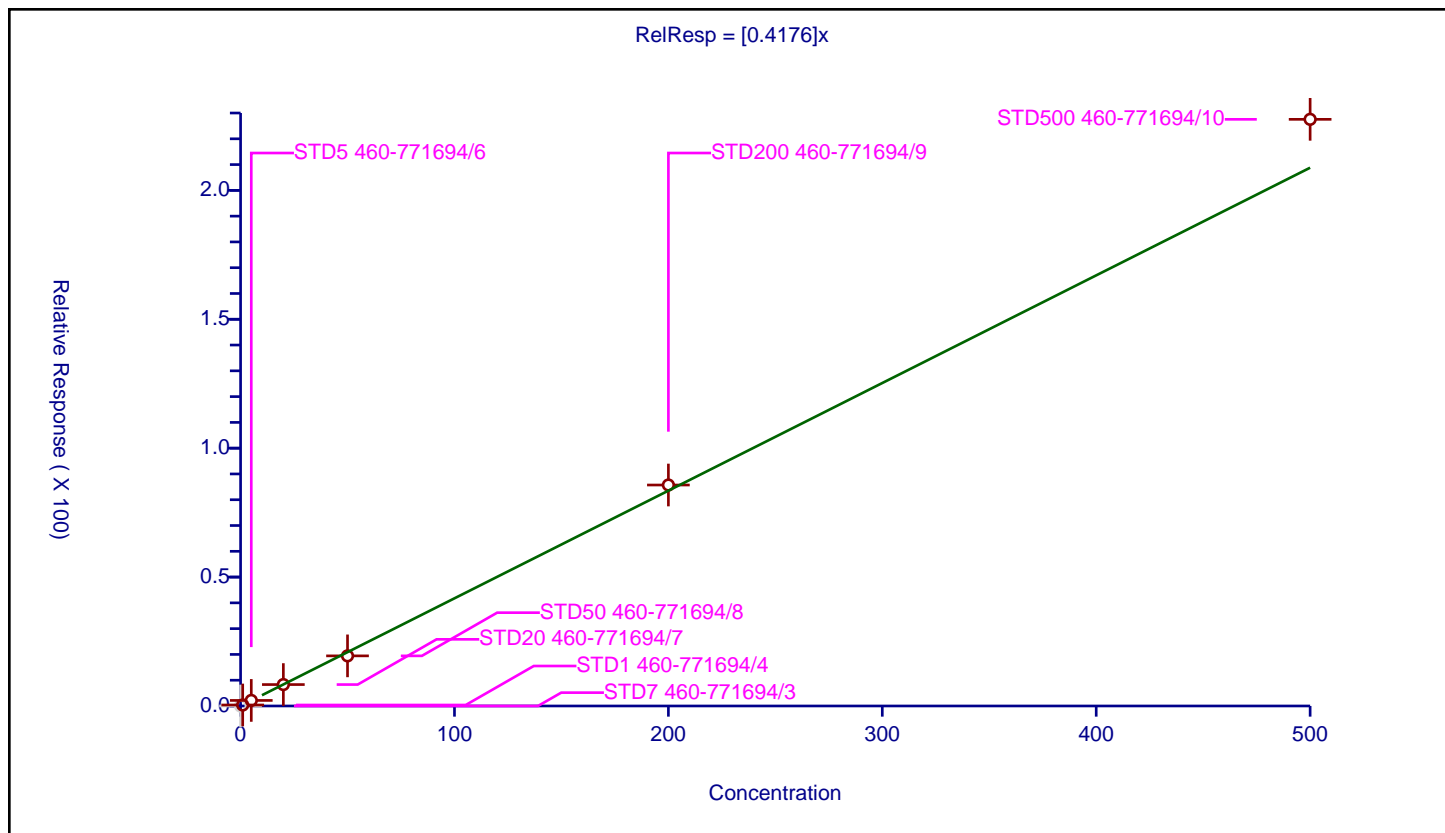
## Curve Coefficients

Intercept: 0  
 Slope: 0.4176

## Error Coefficients

Standard Error: 1390000  
 Relative Standard Error: 6.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.385555	50.0	555563.0	0.385555	Y
3	STD5 460-771694/6	5.0	2.159185	50.0	550578.0	0.431837	Y
4	STD20 460-771694/7	20.0	8.308475	50.0	578283.0	0.415424	Y
5	STD50 460-771694/8	50.0	19.44516	50.0	601885.0	0.388903	Y
6	STD200 460-771694/9	200.0	85.711889	50.0	622878.0	0.428559	Y
7	STD500 460-771694/10	500.0	227.544979	50.0	641135.0	0.45509	Y



## Calibration

/ Acrolein

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

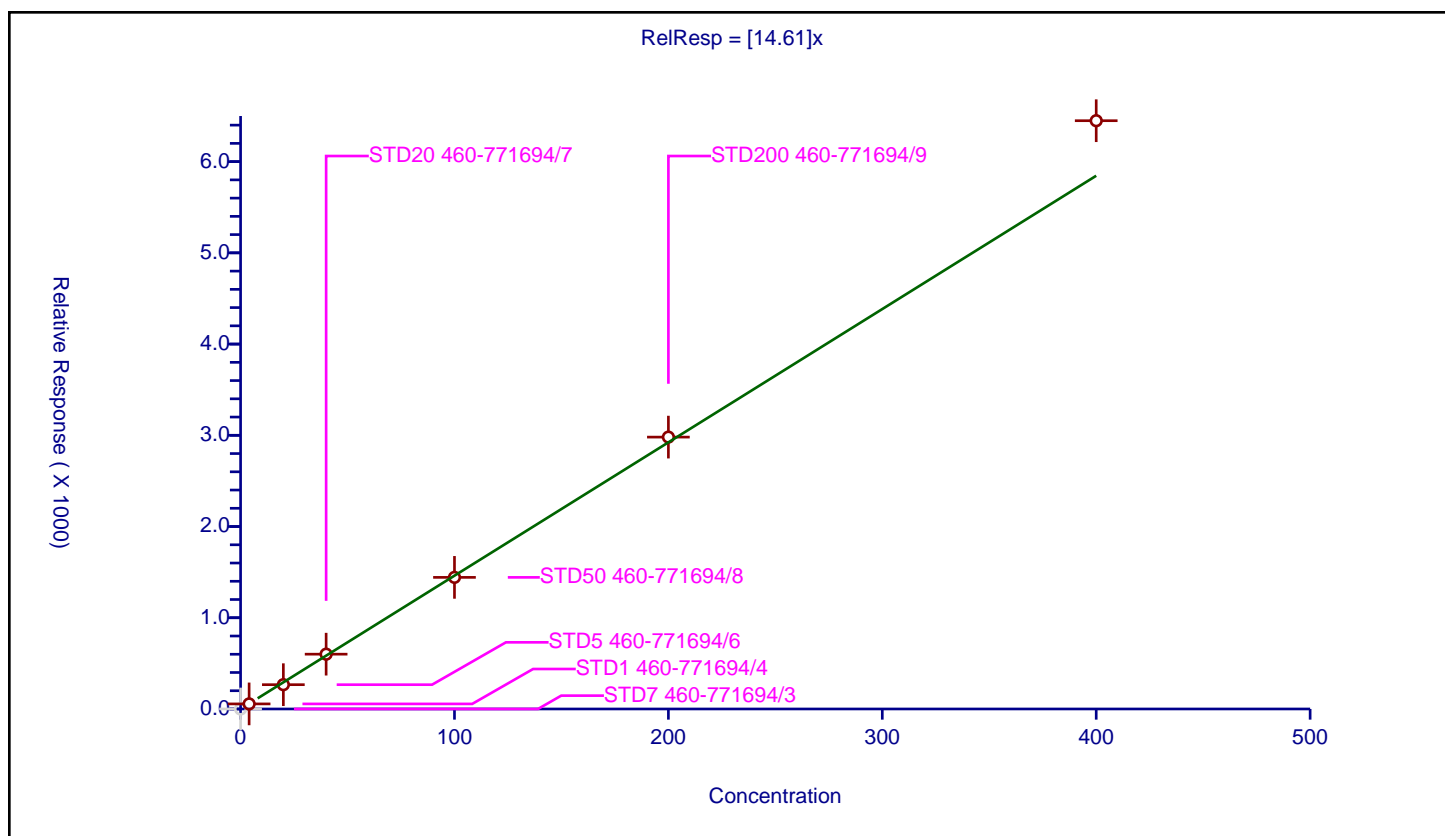
## Curve Coefficients

Intercept: 0  
Slope: 14.61

## Error Coefficients

Standard Error: 156000  
Relative Standard Error: 6.7  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	40248.0	NaN	N
2	STD1 460-771694/4	4.000016	55.555556	1000.0	37098.0	13.888832	Y
3	STD5 460-771694/6	20.000082	266.338721	1000.0	31306.0	13.316881	Y
4	STD20 460-771694/7	40.000164	600.898899	1000.0	39604.0	15.022411	Y
5	STD50 460-771694/8	100.00041	1442.79747	1000.0	41895.0	14.427916	Y
6	STD200 460-771694/9	200.00082	2980.122899	1000.0	47844.0	14.900553	Y
7	STD500 460-771694/10	400.00164	6448.429679	1000.0	49544.0	16.121008	Y



# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

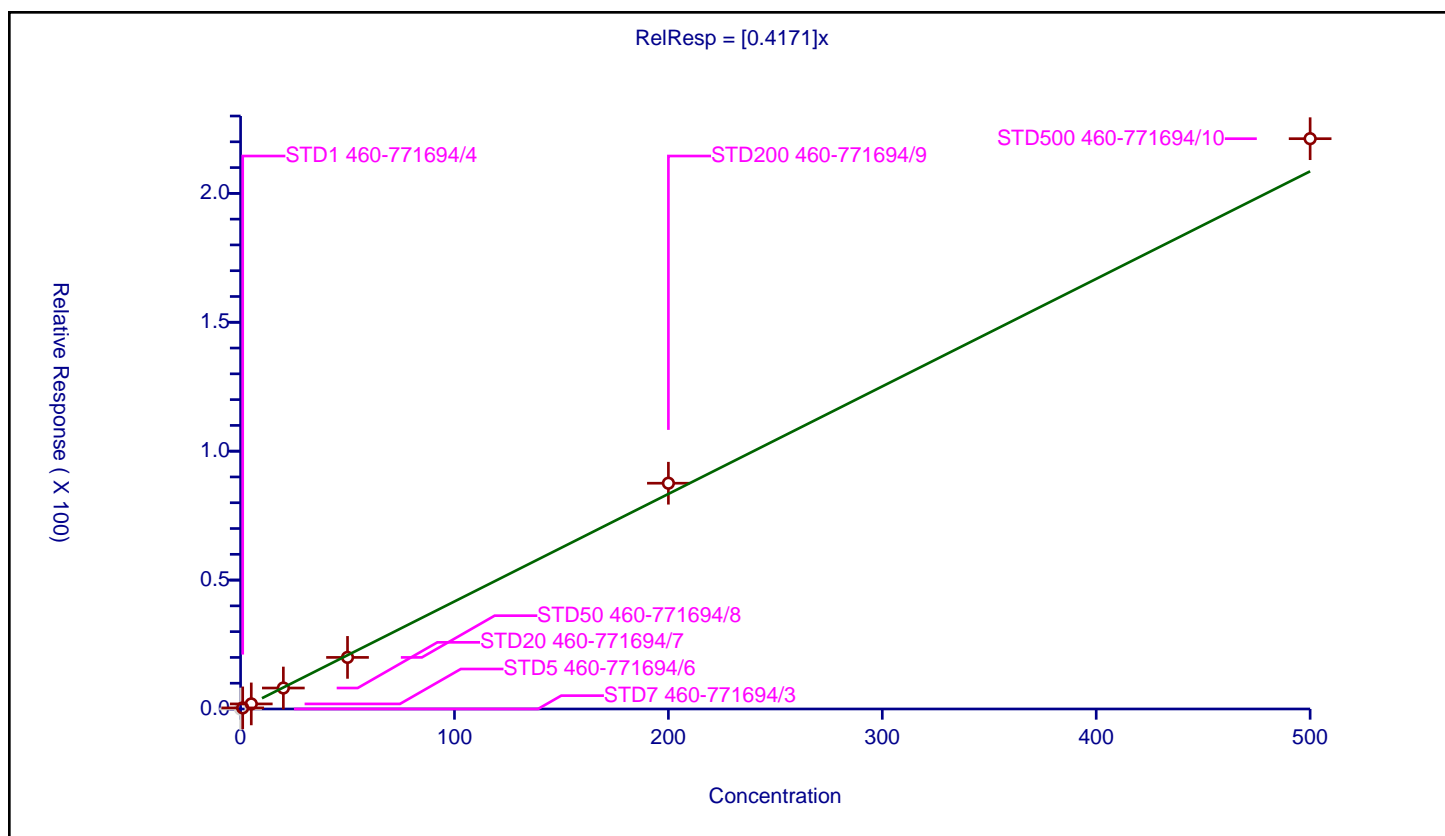
## Curve Coefficients

Intercept: 0  
 Slope: 0.4171

## Error Coefficients

Standard Error: 1360000  
 Relative Standard Error: 4.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.421104	50.0	555563.0	0.421104	Y
3	STD5 460-771694/6	5.0	1.971746	50.0	550578.0	0.394349	Y
4	STD20 460-771694/7	20.0	8.132783	50.0	578283.0	0.406639	Y
5	STD50 460-771694/8	50.0	20.010799	50.0	601885.0	0.400216	Y
6	STD200 460-771694/9	200.0	87.568513	50.0	622878.0	0.437843	Y
7	STD500 460-771694/10	500.0	221.209028	50.0	641135.0	0.442418	Y



# Calibration

/ Acetone

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

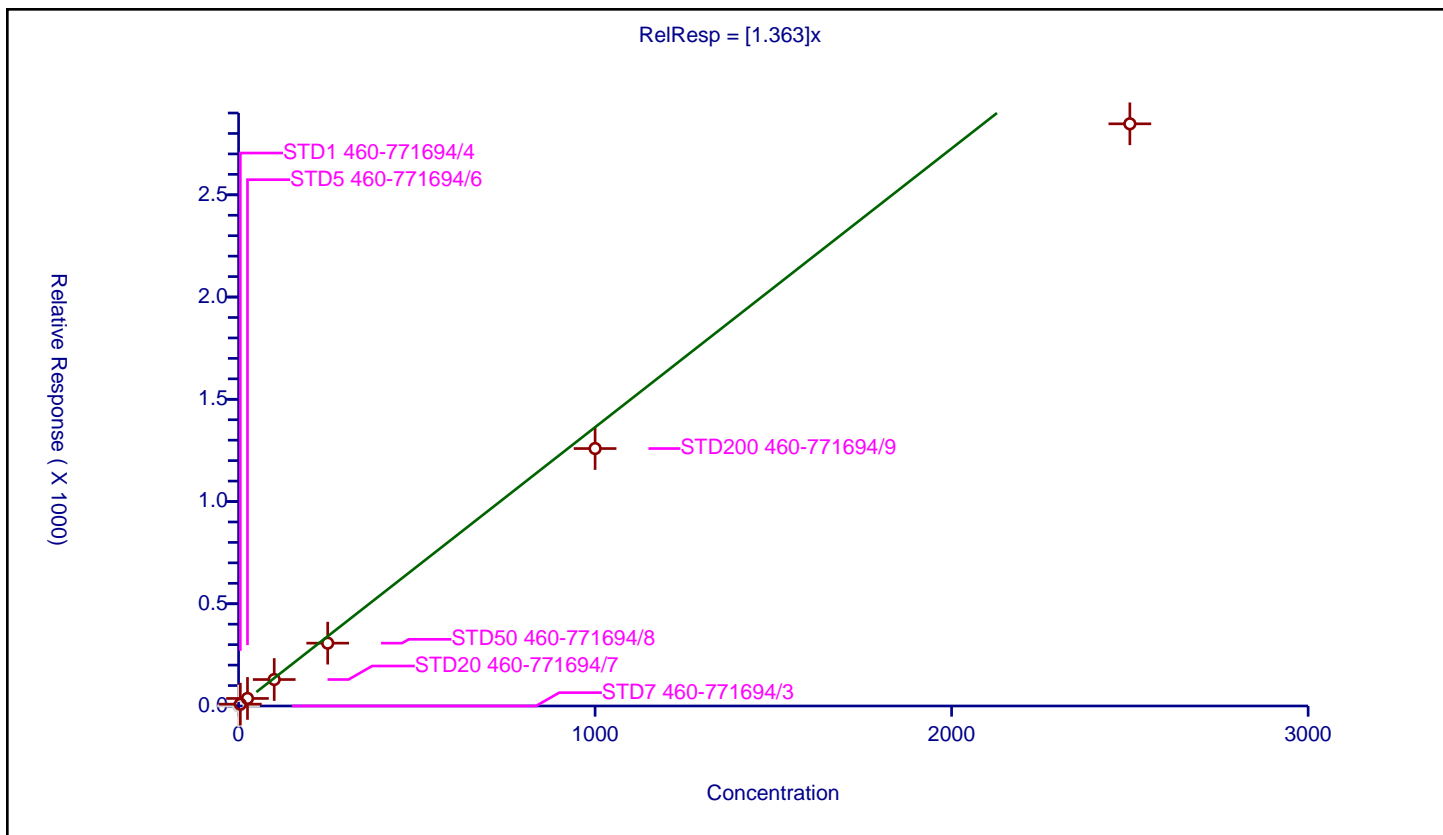
## Curve Coefficients

Intercept: 0  
Slope: 1.363

## Error Coefficients

Standard Error: 2290000  
Relative Standard Error: 17.1  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	5.0	8.91751	250.0	285730.0	1.783502	Y
3	STD5 460-771694/6	25.0	36.86149	250.0	261194.0	1.47446	Y
4	STD20 460-771694/7	100.0	129.441922	250.0	315010.0	1.294419	Y
5	STD50 460-771694/8	250.0	307.296338	250.0	327822.0	1.229185	Y
6	STD200 460-771694/9	1000.0	1259.095239	250.0	367445.0	1.259095	Y
7	STD500 460-771694/10	2500.0	2847.224217	250.0	417756.0	1.13889	Y



# Calibration

/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

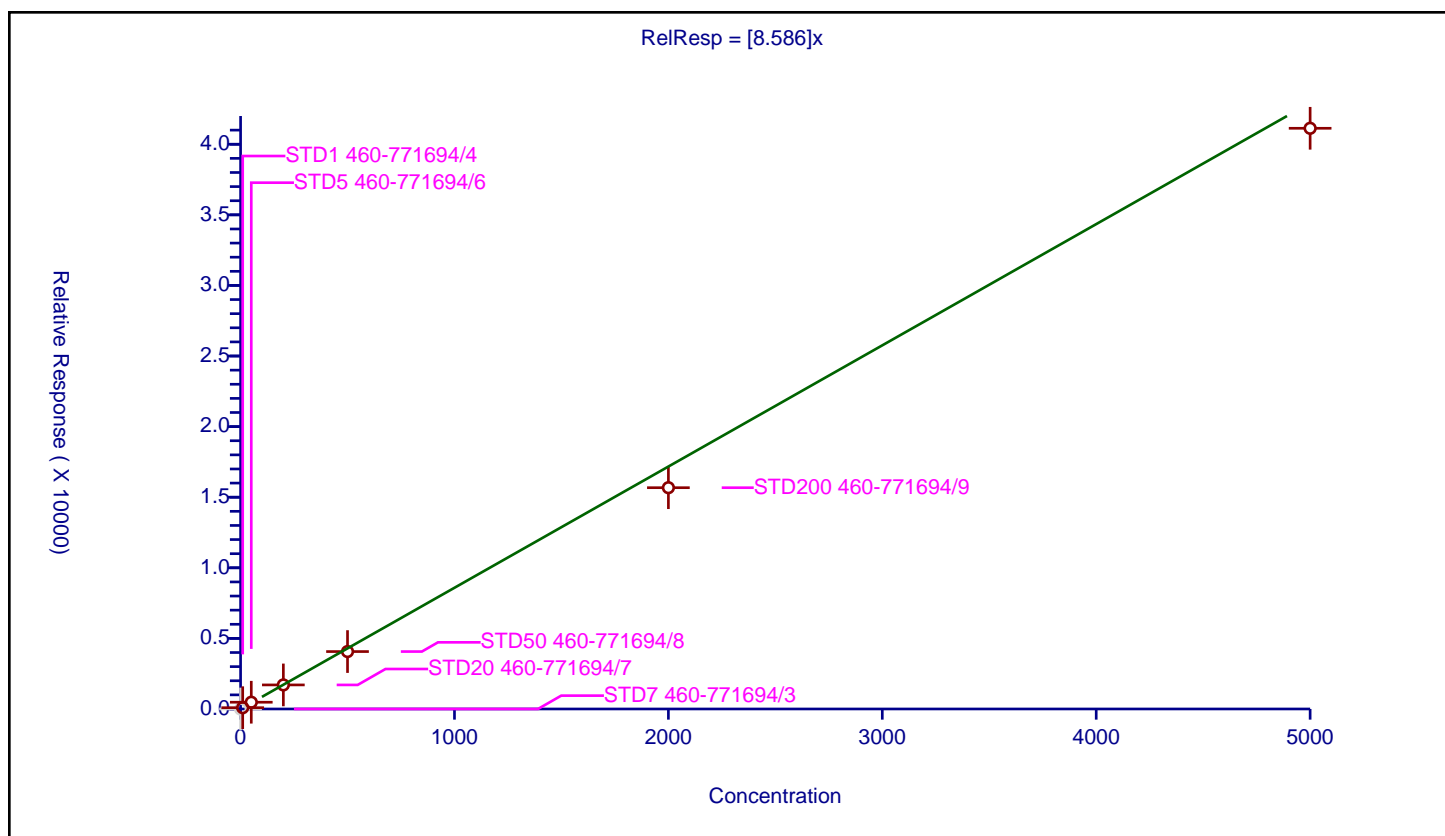
## Curve Coefficients

Intercept: 0  
 Slope: 8.586

## Error Coefficients

Standard Error: 954000  
 Relative Standard Error: 7.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	40248.0	NaN	N
2	STD1 460-771694/4	10.0	92.323036	1000.0	37098.0	9.232304	Y
3	STD5 460-771694/6	50.0	477.927554	1000.0	31306.0	9.558551	Y
4	STD20 460-771694/7	200.0	1704.726795	1000.0	39604.0	8.523634	Y
5	STD50 460-771694/8	500.0	4067.860127	1000.0	41895.0	8.13572	Y
6	STD200 460-771694/9	2000.0	15674.609146	1000.0	47844.0	7.837305	Y
7	STD500 460-771694/10	5000.0	41130.873567	1000.0	49544.0	8.226175	Y



# Calibration

/ Iodomethane

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

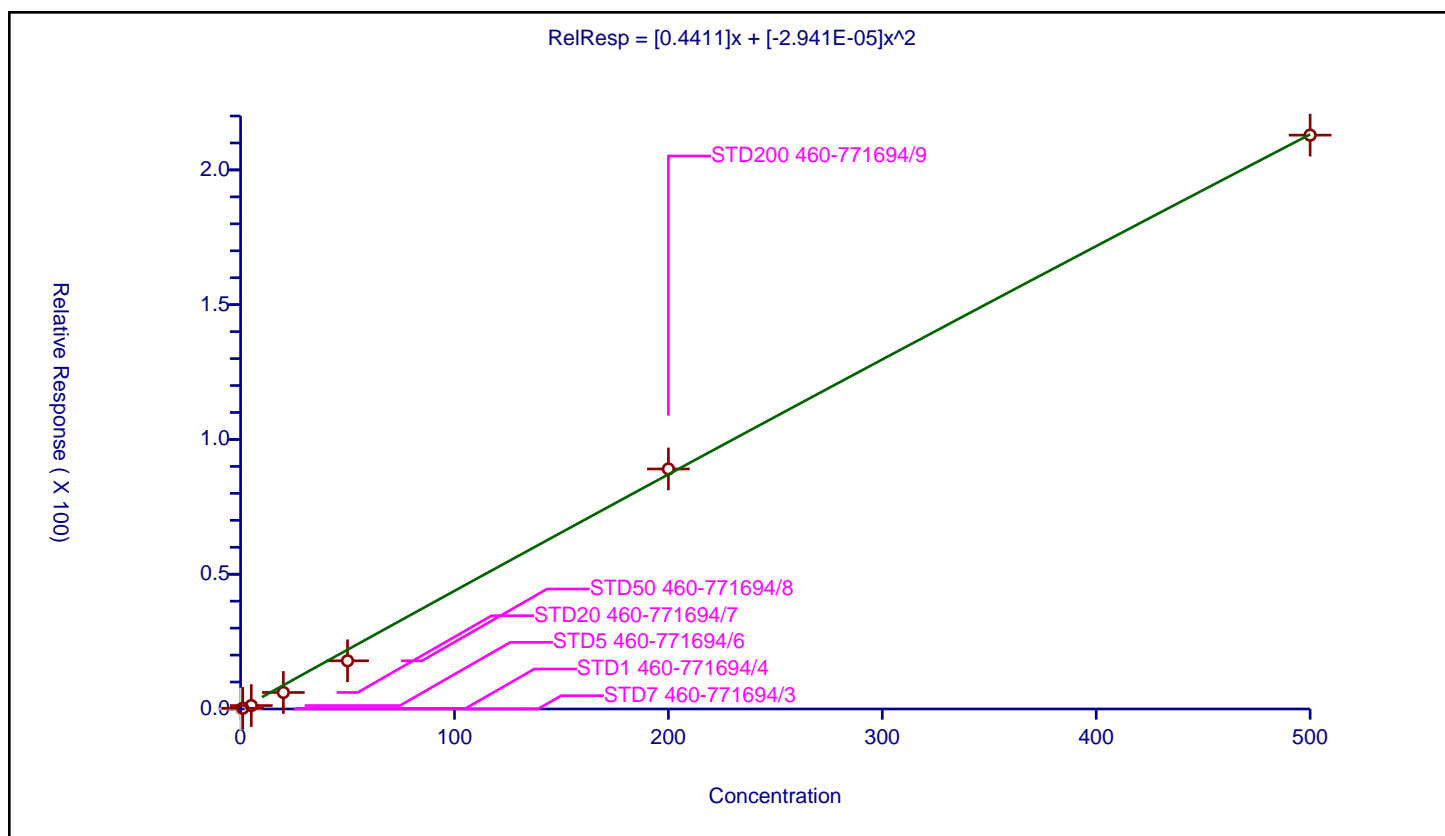
## Curve Coefficients

Intercept: 0  
 Slope: 0.4411  
 Second Order: -2.941E-05

## Error Coefficients

Standard Error: 1480000  
 Relative Standard Error: 35.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.250467	50.0	555563.0	0.250467	Y
3	STD5 460-771694/6	5.0	1.271573	50.0	550578.0	0.254315	Y
4	STD20 460-771694/7	20.0	6.12866	50.0	578283.0	0.306433	Y
5	STD50 460-771694/8	50.0	17.880824	50.0	601885.0	0.357616	Y
6	STD200 460-771694/9	200.0	89.045287	50.0	622878.0	0.445226	Y
7	STD500 460-771694/10	500.0	212.909762	50.0	641135.0	0.42582	Y



# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

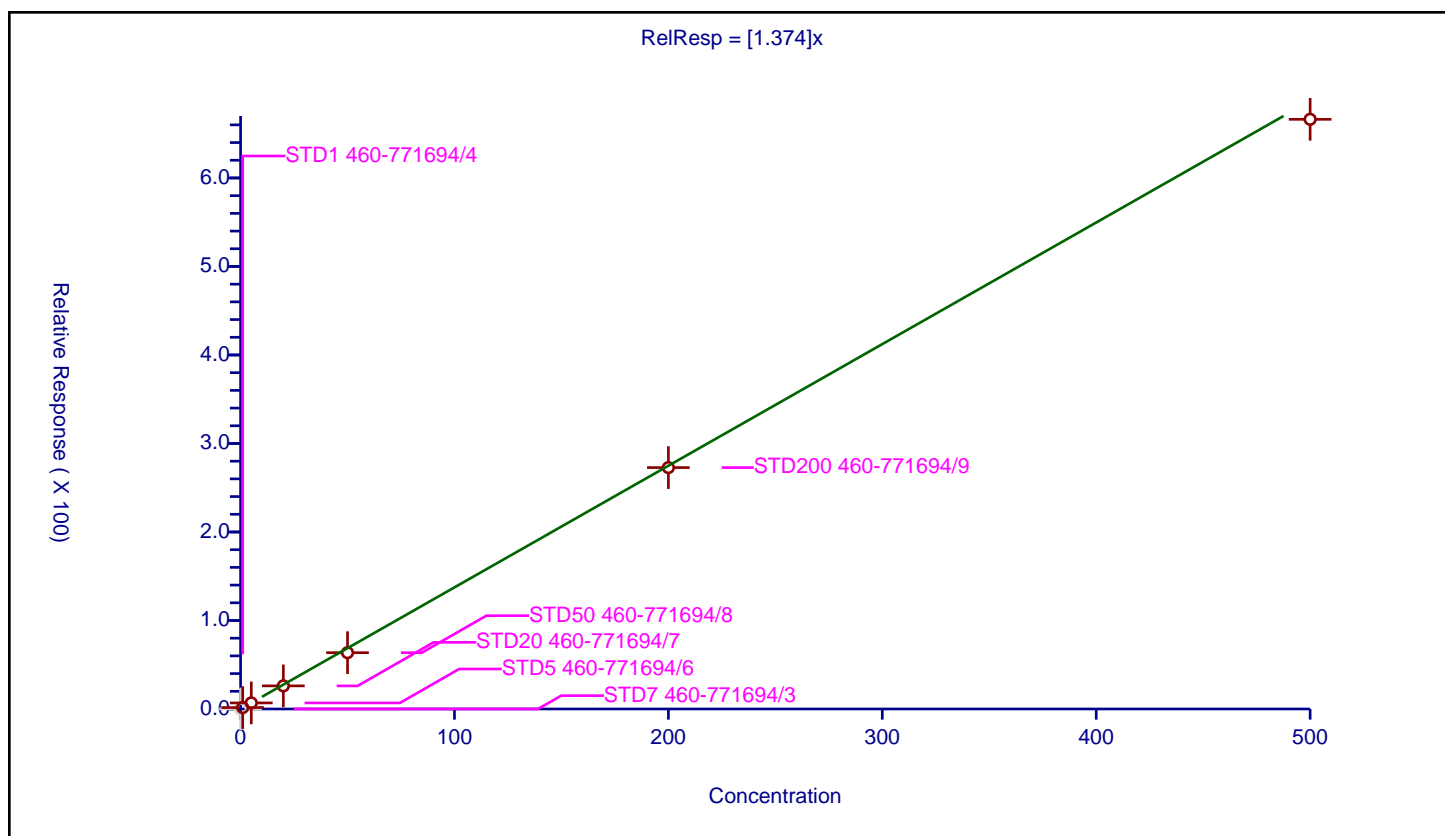
## Curve Coefficients

Intercept: 0  
 Slope: 1.374

## Error Coefficients

Standard Error: 4130000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	1.599909	50.0	555563.0	1.599909	Y
3	STD5 460-771694/6	5.0	6.850437	50.0	550578.0	1.370087	Y
4	STD20 460-771694/7	20.0	26.11991	50.0	578283.0	1.305996	Y
5	STD50 460-771694/8	50.0	63.633917	50.0	601885.0	1.272678	Y
6	STD200 460-771694/9	200.0	272.765855	50.0	622878.0	1.363829	Y
7	STD500 460-771694/10	500.0	666.25851	50.0	641135.0	1.332517	Y





# Calibration

/ 3-Chloro-1-propene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

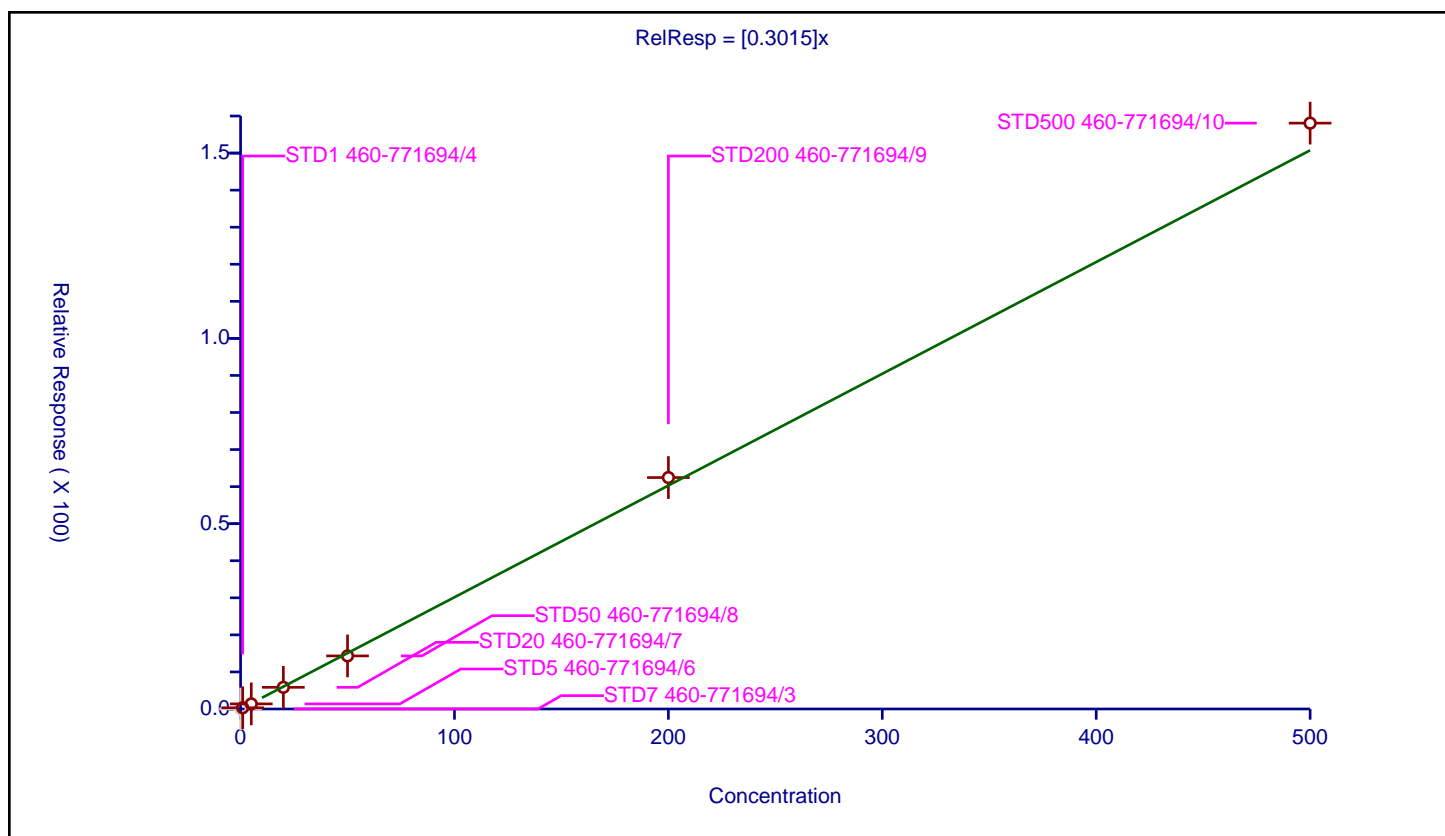
## Curve Coefficients

Intercept: 0  
 Slope: 0.3015

## Error Coefficients

Standard Error: 974000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.326876	50.0	555563.0	0.326876	Y
3	STD5 460-771694/6	5.0	1.374374	50.0	550578.0	0.274875	Y
4	STD20 460-771694/7	20.0	5.8461	50.0	578283.0	0.292305	Y
5	STD50 460-771694/8	50.0	14.324996	50.0	601885.0	0.2865	Y
6	STD200 460-771694/9	200.0	62.447943	50.0	622878.0	0.31224	Y
7	STD500 460-771694/10	500.0	158.076848	50.0	641135.0	0.316154	Y



# Calibration

/ Methyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

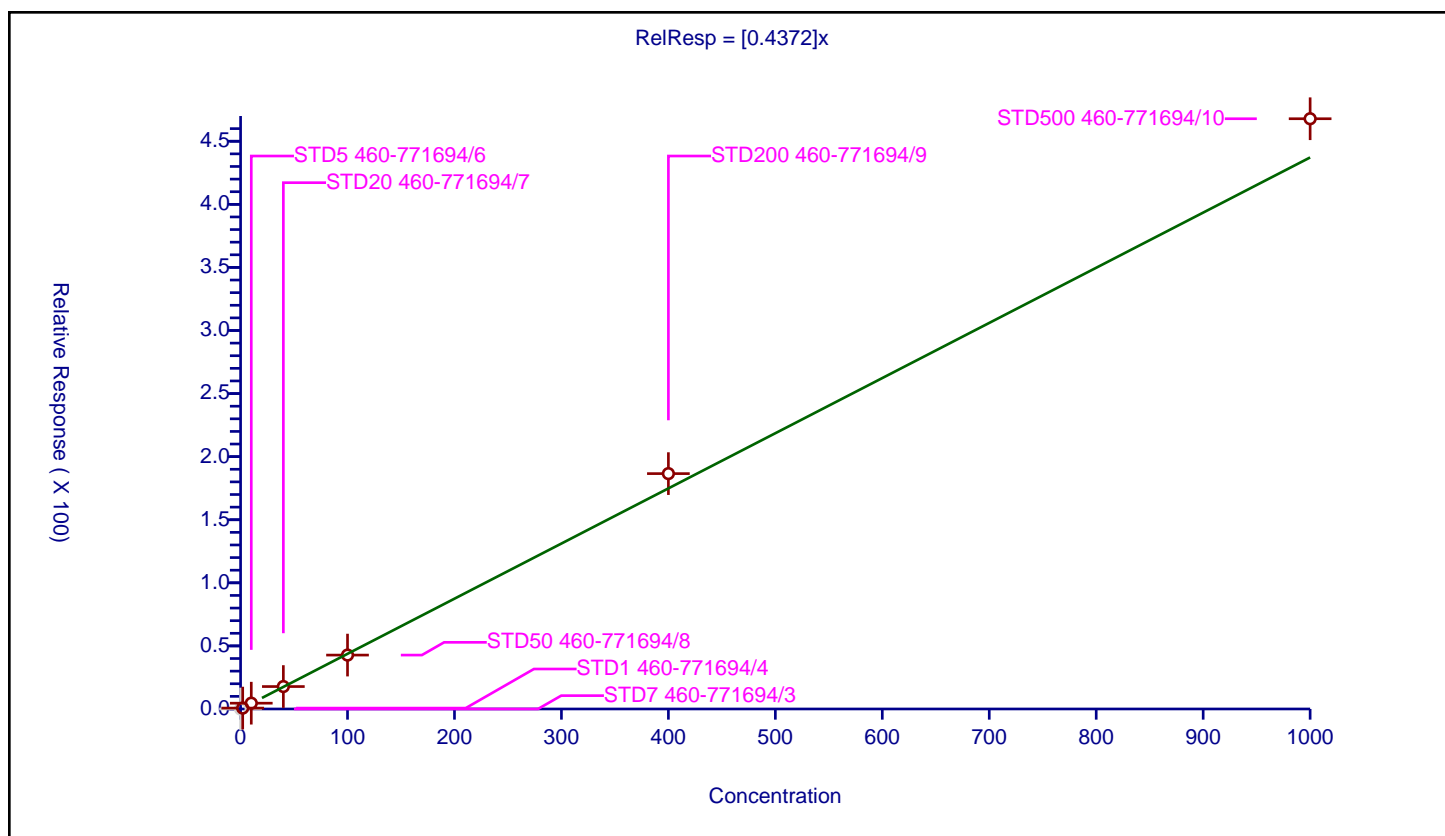
## Curve Coefficients

Intercept: 0  
 Slope: 0.4372

## Error Coefficients

Standard Error: 2890000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	2.0	0.71423	50.0	555563.0	0.357115	Y
3	STD5 460-771694/6	10.0	4.596351	50.0	550578.0	0.459635	Y
4	STD20 460-771694/7	40.0	17.782297	50.0	578283.0	0.444557	Y
5	STD50 460-771694/8	100.0	42.736403	50.0	601885.0	0.427364	Y
6	STD200 460-771694/9	400.0	186.557881	50.0	622878.0	0.466395	Y
7	STD500 460-771694/10	1000.0	467.843122	50.0	641135.0	0.467843	Y



# Calibration

/ Cyclopentene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

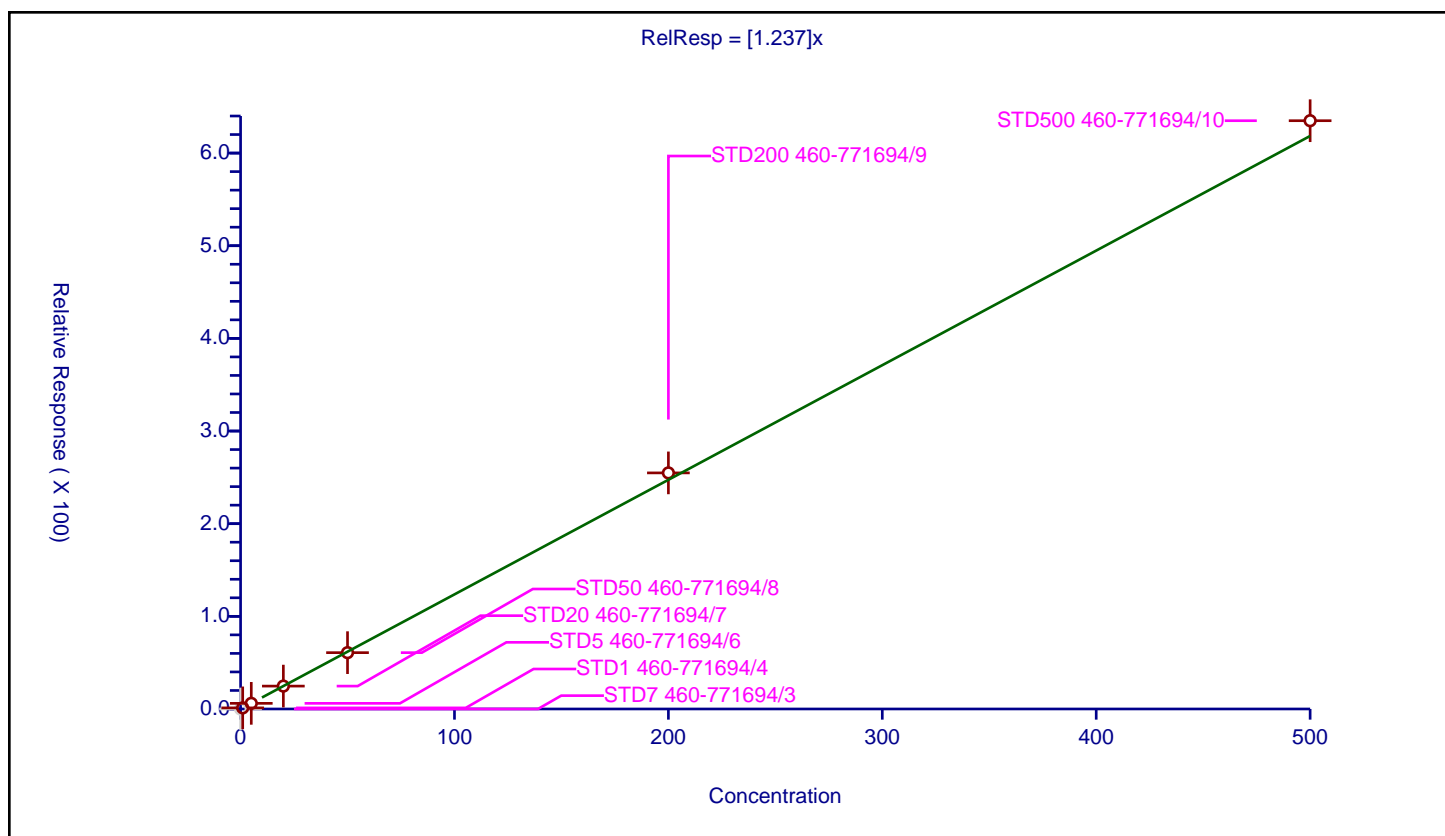
## Curve Coefficients

Intercept: 0  
 Slope: 1.237

## Error Coefficients

Standard Error: 3920000  
 Relative Standard Error: 2.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	1.208414	50.0	555563.0	1.208414	Y
3	STD5 460-771694/6	5.0	6.084515	50.0	550578.0	1.216903	Y
4	STD20 460-771694/7	20.0	24.722152	50.0	578283.0	1.236108	Y
5	STD50 460-771694/8	50.0	60.794421	50.0	601885.0	1.215888	Y
6	STD200 460-771694/9	200.0	254.803669	50.0	622878.0	1.274018	Y
7	STD500 460-771694/10	500.0	634.928525	50.0	641135.0	1.269857	Y



# Calibration

/ Acetonitrile

Curve Type: Quadratic  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

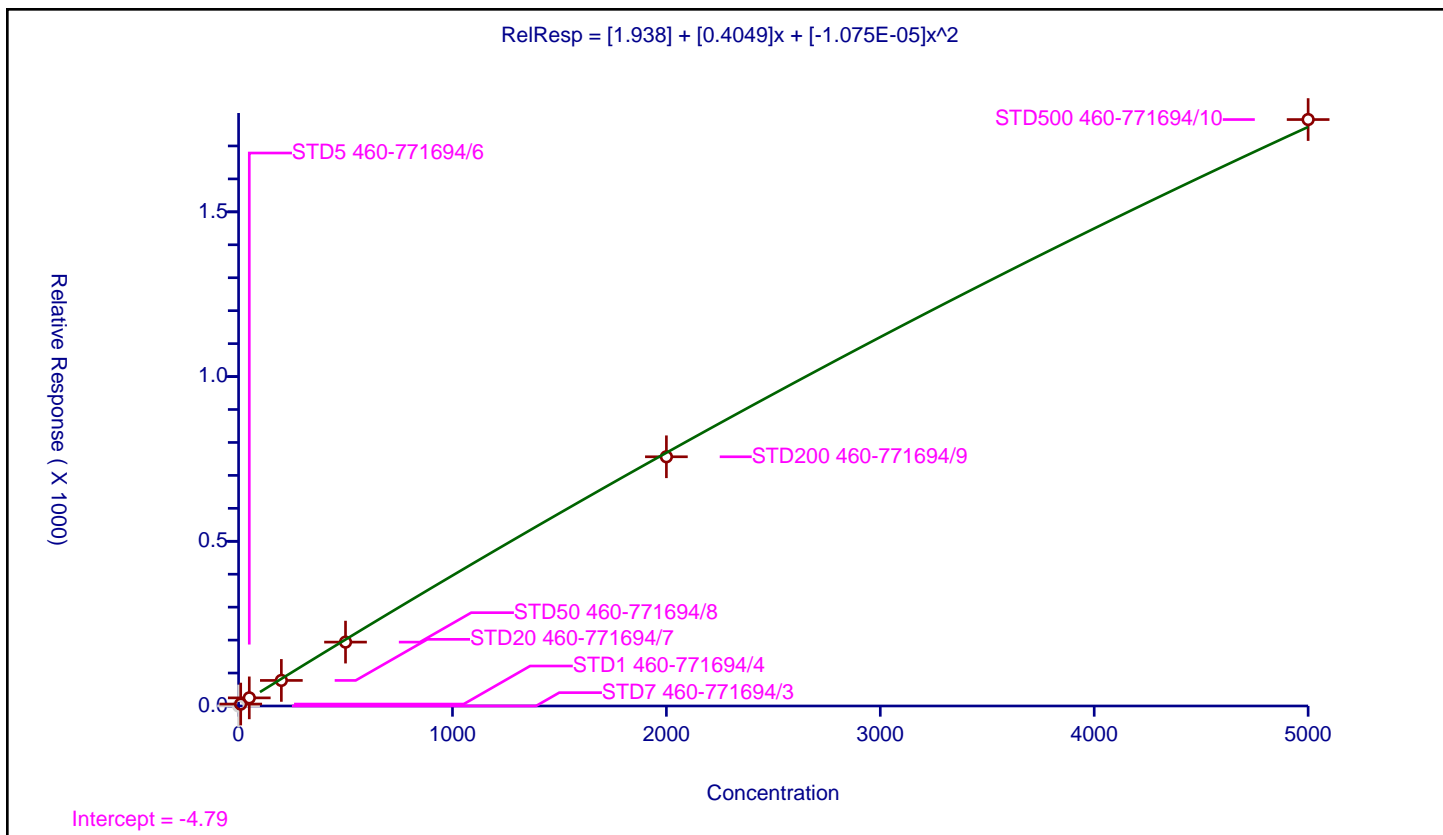
## Curve Coefficients

Intercept: 1.938  
 Slope: 0.4049  
 Second Order: -1.075E-05

## Error Coefficients

Standard Error: 1840000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	10.0	5.900675	250.0	285730.0	0.590068	Y
3	STD5 460-771694/6	50.0	24.673231	250.0	261194.0	0.493465	Y
4	STD20 460-771694/7	200.0	77.557062	250.0	315010.0	0.387785	Y
5	STD50 460-771694/8	500.0	193.884944	250.0	327822.0	0.38777	Y
6	STD200 460-771694/9	2000.0	756.536352	250.0	367445.0	0.378268	Y
7	STD500 460-771694/10	5000.0	1780.173714	250.0	417756.0	0.356035	Y



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

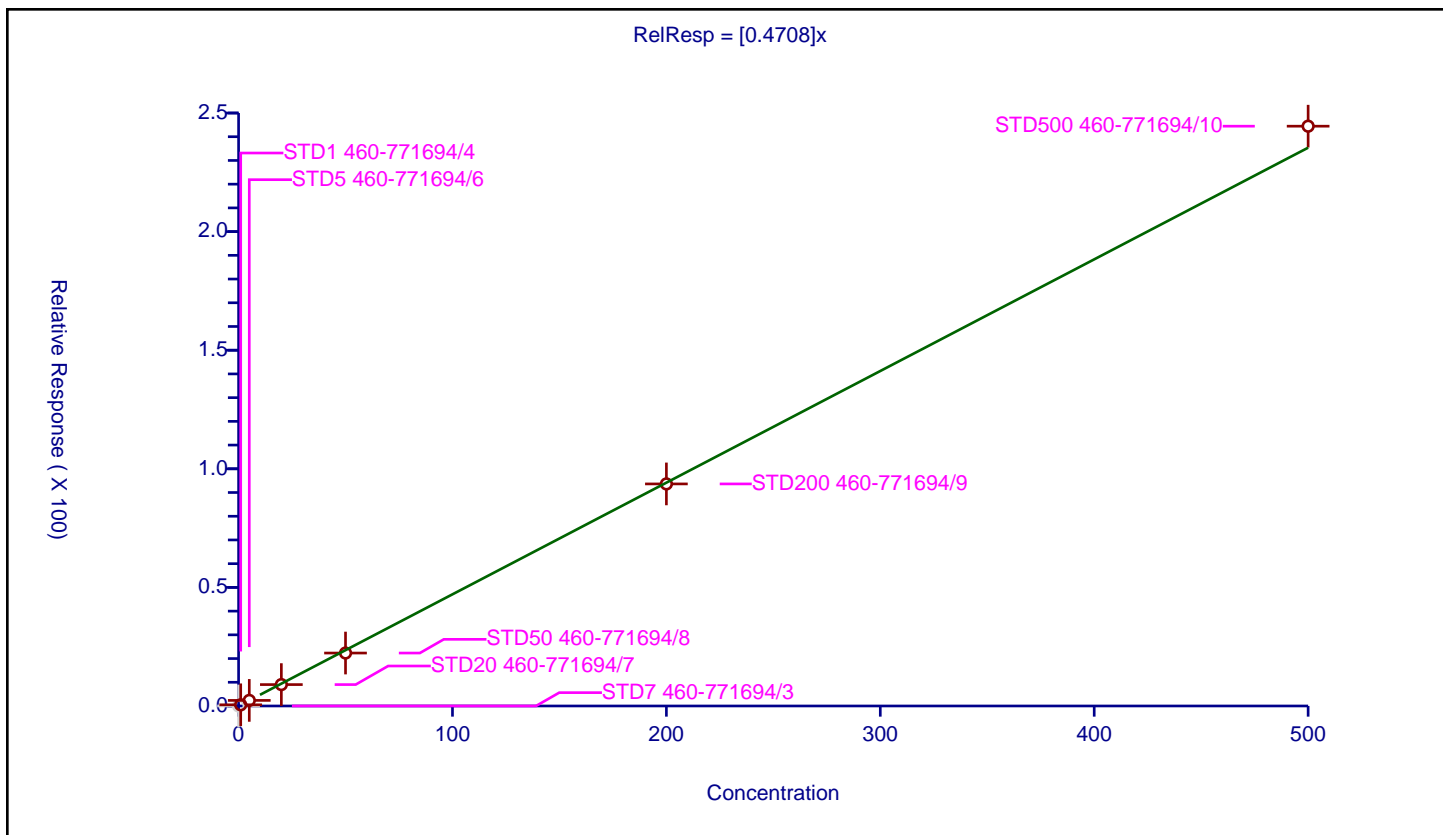
## Curve Coefficients

Intercept: 0  
 Slope: 0.4708

## Error Coefficients

Standard Error: 1500000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.498413	50.0	555563.0	0.498413	Y
3	STD5 460-771694/6	5.0	2.358158	50.0	550578.0	0.471632	Y
4	STD20 460-771694/7	20.0	9.018768	50.0	578283.0	0.450938	Y
5	STD50 460-771694/8	50.0	22.324863	50.0	601885.0	0.446497	Y
6	STD200 460-771694/9	200.0	93.627002	50.0	622878.0	0.468135	Y
7	STD500 460-771694/10	500.0	244.450077	50.0	641135.0	0.4889	Y



# Calibration

/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

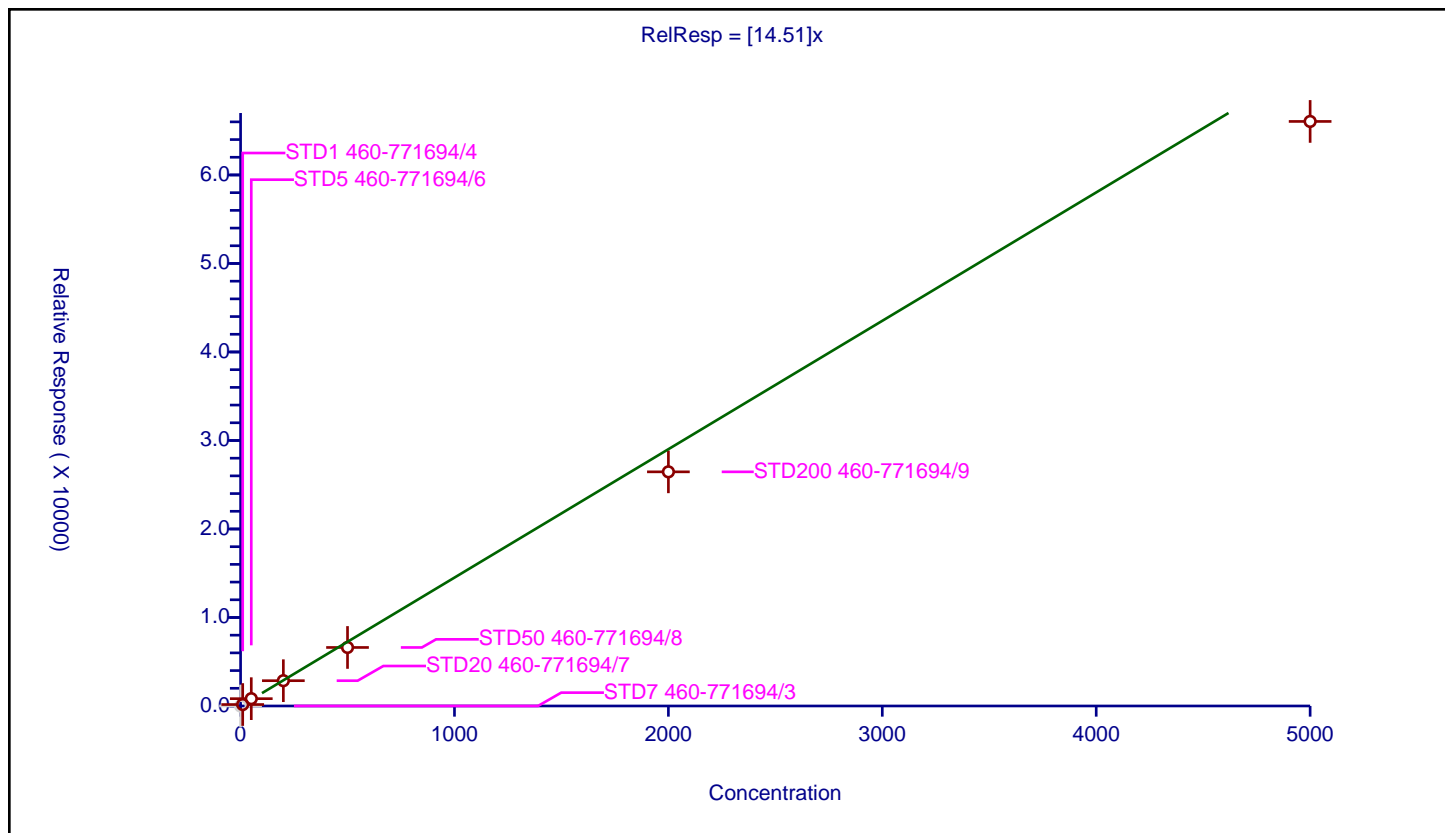
## Curve Coefficients

Intercept: 0  
 Slope: 14.51

## Error Coefficients

Standard Error: 1540000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	40248.0	NaN	N
2	STD1 460-771694/4	10.0	165.53453	1000.0	37098.0	16.553453	Y
3	STD5 460-771694/6	50.0	826.742477	1000.0	31306.0	16.53485	Y
4	STD20 460-771694/7	200.0	2857.968892	1000.0	39604.0	14.289844	Y
5	STD50 460-771694/8	500.0	6612.459721	1000.0	41895.0	13.224919	Y
6	STD200 460-771694/9	2000.0	26456.567177	1000.0	47844.0	13.228284	Y
7	STD500 460-771694/10	5000.0	66049.107864	1000.0	49544.0	13.209822	Y



# Calibration

/ Methyl tert-butyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

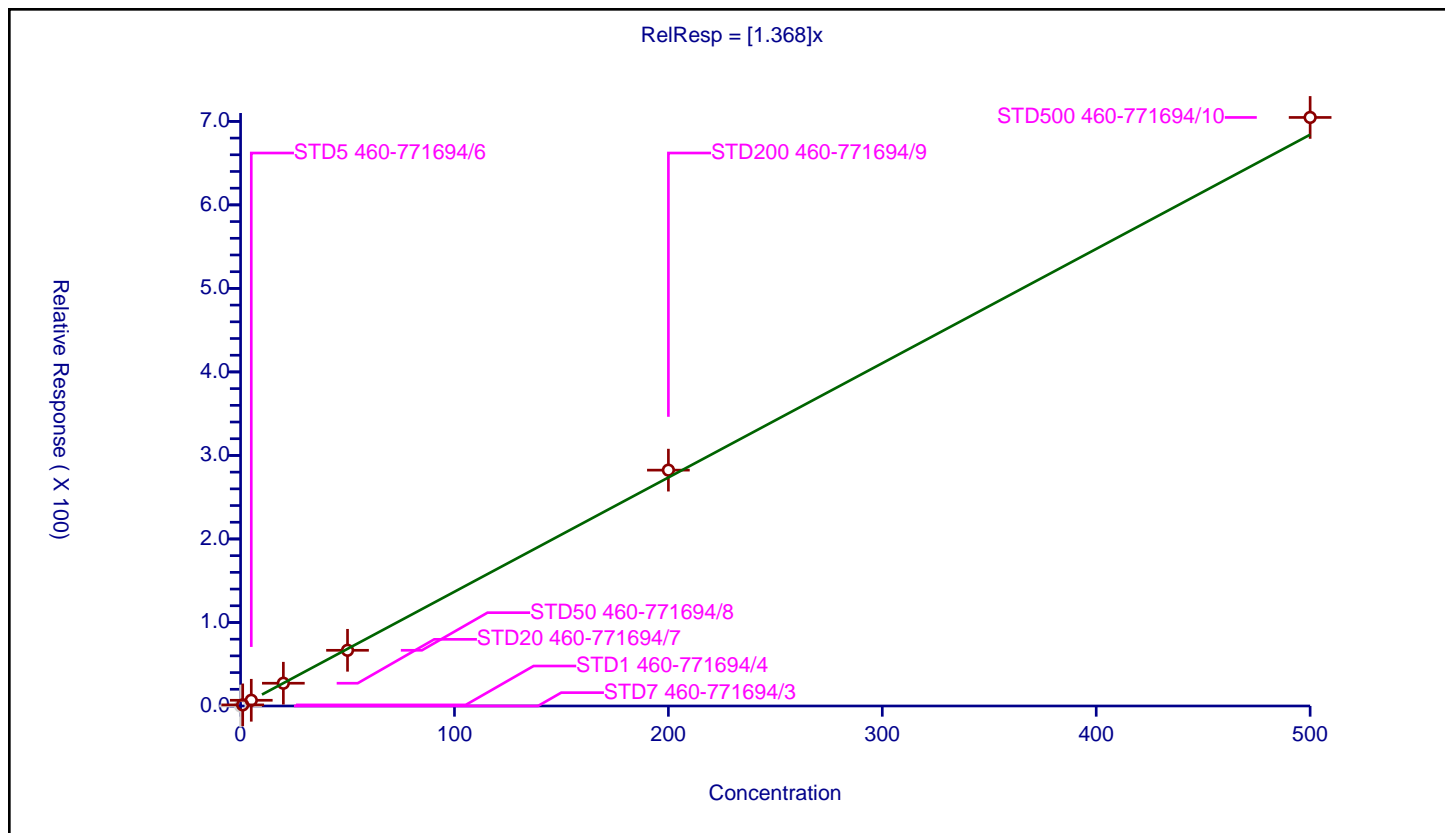
## Curve Coefficients

Intercept: 0  
Slope: 1.368

## Error Coefficients

Standard Error: 4350000  
Relative Standard Error: 2.7  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	1.321362	50.0	555563.0	1.321362	Y
3	STD5 460-771694/6	5.0	6.851436	50.0	550578.0	1.370287	Y
4	STD20 460-771694/7	20.0	27.246089	50.0	578283.0	1.362304	Y
5	STD50 460-771694/8	50.0	66.669962	50.0	601885.0	1.333399	Y
6	STD200 460-771694/9	200.0	282.412688	50.0	622878.0	1.412063	Y
7	STD500 460-771694/10	500.0	704.71375	50.0	641135.0	1.409427	Y



# Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

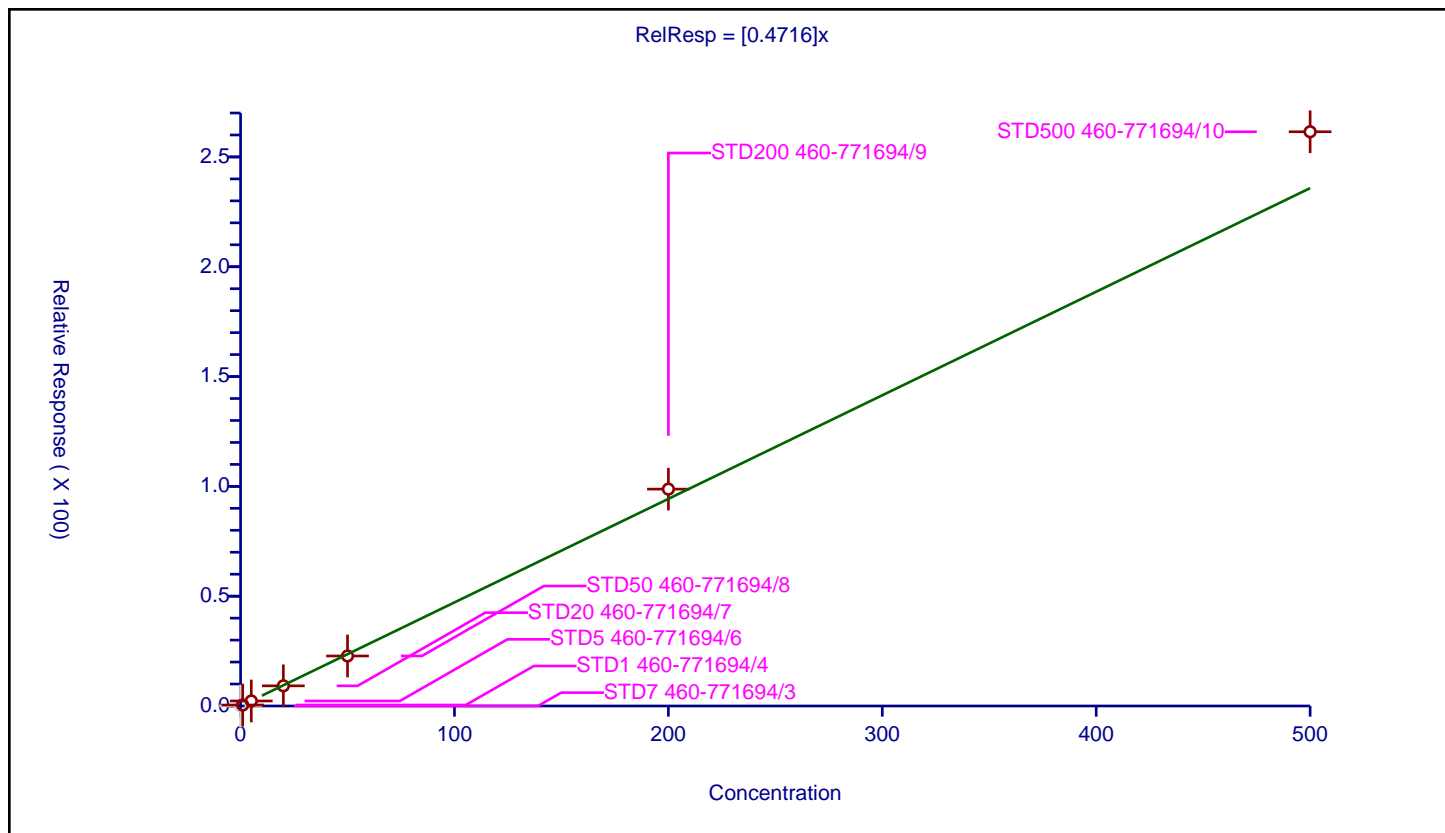
## Curve Coefficients

Intercept: 0  
 Slope: 0.4716

## Error Coefficients

Standard Error: 1600000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.441174	50.0	555563.0	0.441174	Y
3	STD5 460-771694/6	5.0	2.287233	50.0	550578.0	0.457447	Y
4	STD20 460-771694/7	20.0	9.175525	50.0	578283.0	0.458776	Y
5	STD50 460-771694/8	50.0	22.772457	50.0	601885.0	0.455449	Y
6	STD200 460-771694/9	200.0	98.747748	50.0	622878.0	0.493739	Y
7	STD500 460-771694/10	500.0	261.468022	50.0	641135.0	0.522936	Y





## Calibration

/ Acrylonitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

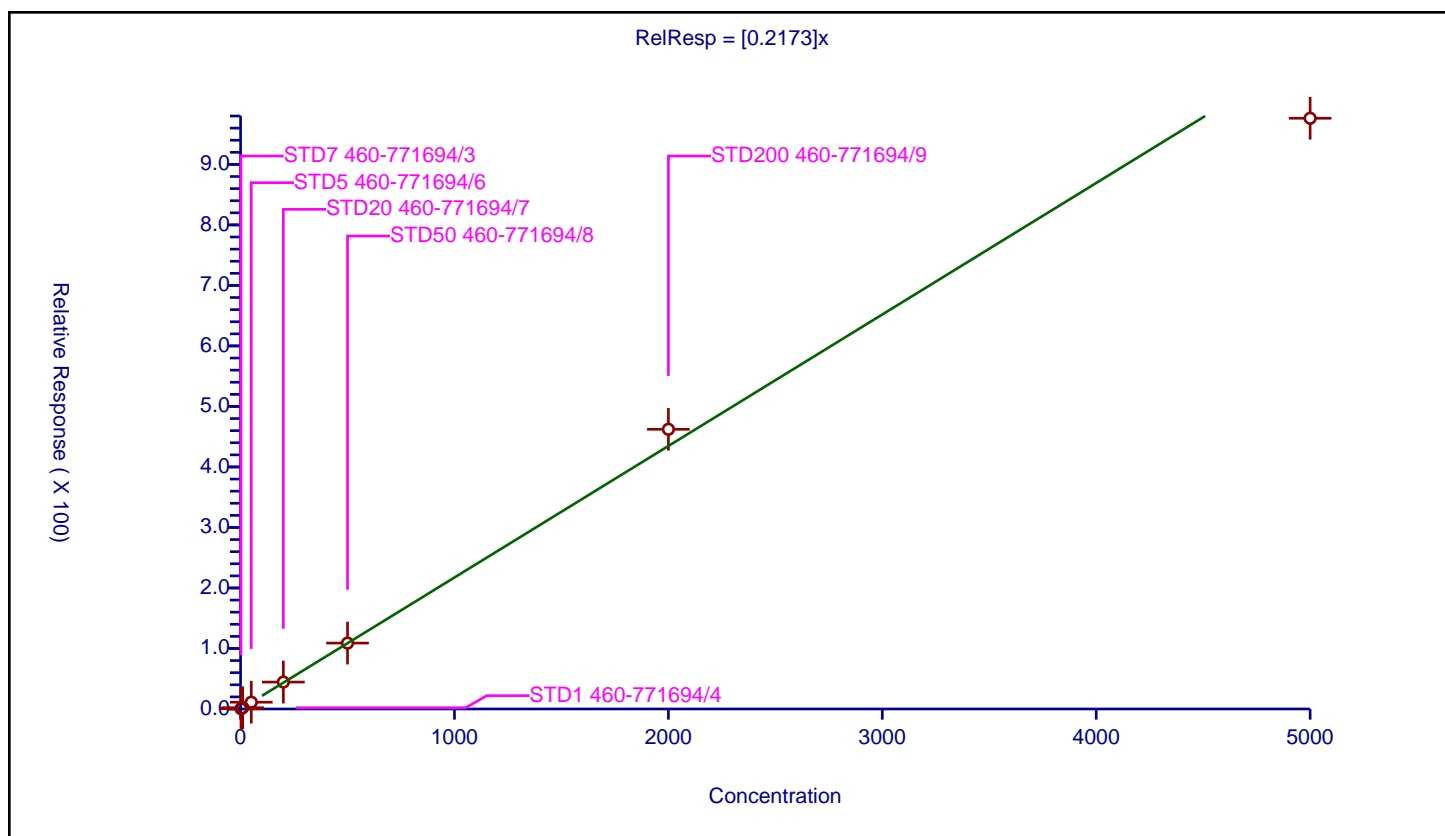
## Curve Coefficients

Intercept: 0  
Slope: 0.2173

## Error Coefficients

Standard Error: 5650000  
Relative Standard Error: 5.5  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	2.0	0.44395	50.0	581485.0	0.221975	Y
2	STD1 460-771694/4	10.0	2.085182	50.0	555563.0	0.208518	Y
3	STD5 460-771694/6	50.0	11.209129	50.0	550578.0	0.224183	Y
4	STD20 460-771694/7	200.0	44.478741	50.0	578283.0	0.222394	Y
5	STD50 460-771694/8	500.0	108.91898	50.0	601885.0	0.217838	Y
6	STD200 460-771694/9	2000.0	462.237228	50.0	622878.0	0.231119	Y
7	STD500 460-771694/10	5000.0	976.319184	50.0	641135.0	0.195264	Y



# Calibration

/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

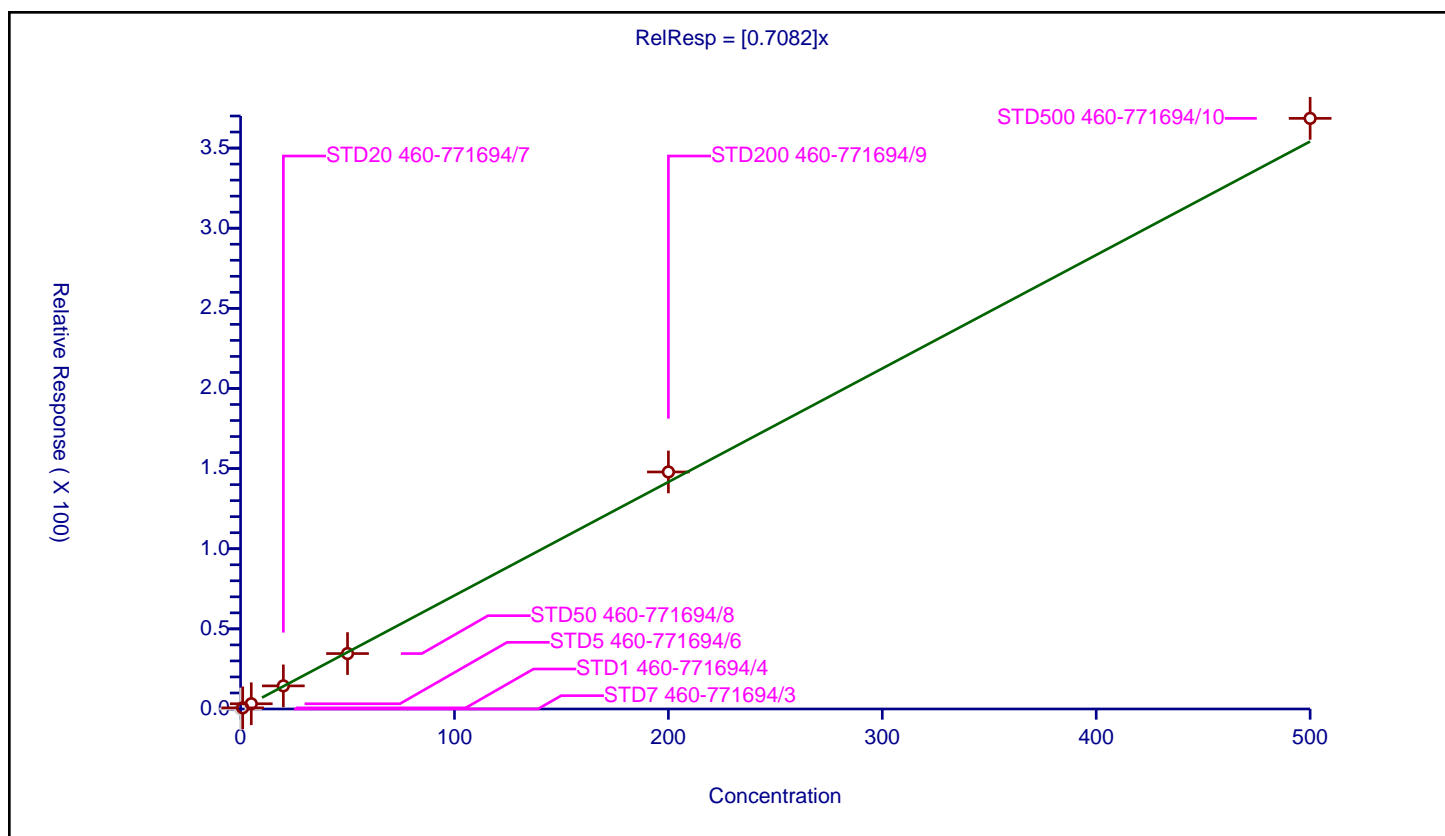
## Curve Coefficients

Intercept: 0  
 Slope: 0.7082

## Error Coefficients

Standard Error: 2280000  
 Relative Standard Error: 4.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.707031	50.0	555563.0	0.707031	Y
3	STD5 460-771694/6	5.0	3.264569	50.0	550578.0	0.652914	Y
4	STD20 460-771694/7	20.0	14.422264	50.0	578283.0	0.721113	Y
5	STD50 460-771694/8	50.0	34.58468	50.0	601885.0	0.691694	Y
6	STD200 460-771694/9	200.0	147.893247	50.0	622878.0	0.739466	Y
7	STD500 460-771694/10	500.0	368.542741	50.0	641135.0	0.737085	Y



# Calibration

/ Isopropyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

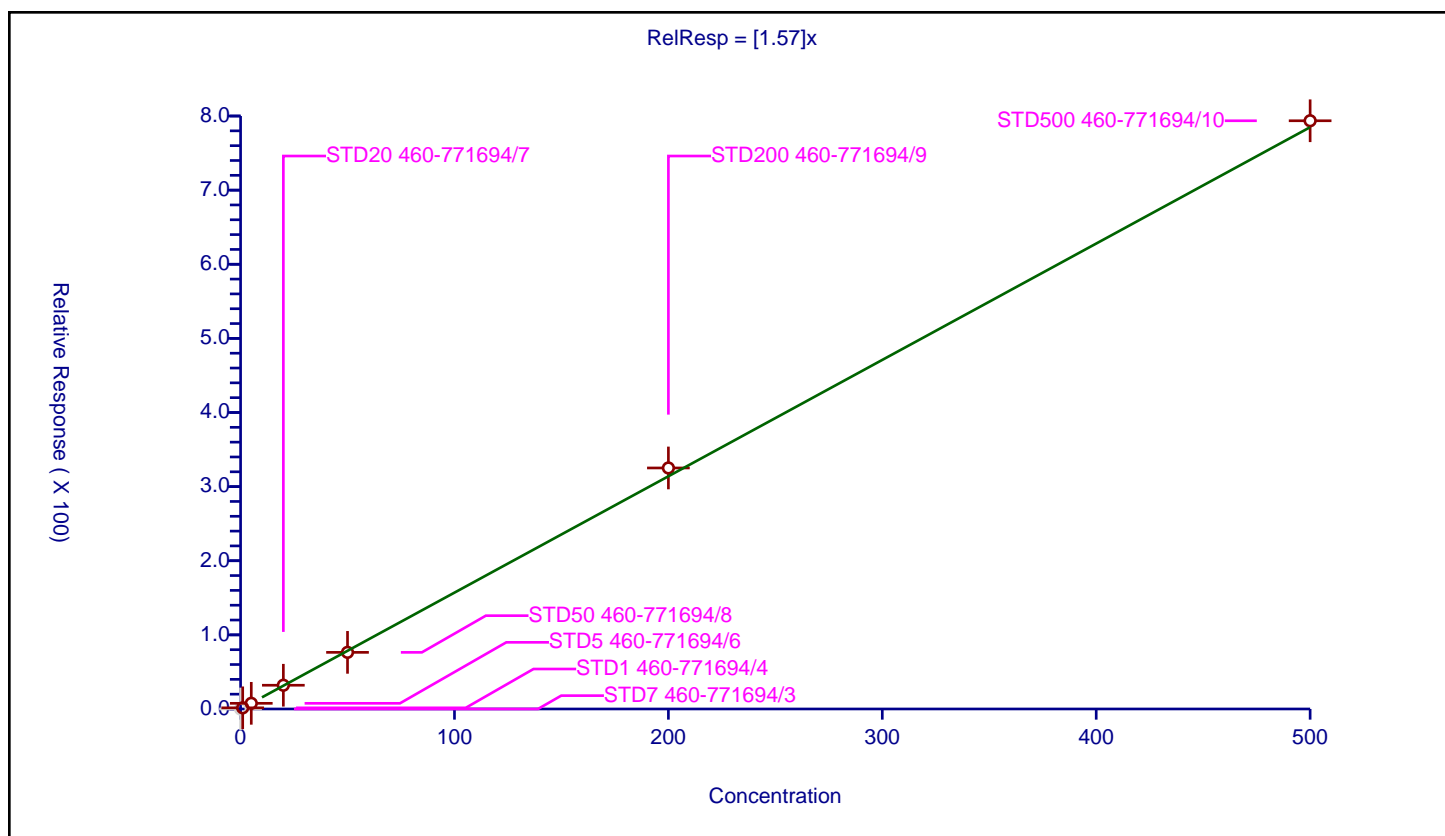
## Curve Coefficients

Intercept: 0  
 Slope: 1.57

## Error Coefficients

Standard Error: 4920000  
 Relative Standard Error: 2.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	1.547709	50.0	555563.0	1.547709	Y
3	STD5 460-771694/6	5.0	7.641969	50.0	550578.0	1.528394	Y
4	STD20 460-771694/7	20.0	32.028695	50.0	578283.0	1.601435	Y
5	STD50 460-771694/8	50.0	76.41277	50.0	601885.0	1.528255	Y
6	STD200 460-771694/9	200.0	325.17684	50.0	622878.0	1.625884	Y
7	STD500 460-771694/10	500.0	793.601504	50.0	641135.0	1.587203	Y



# Calibration

/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

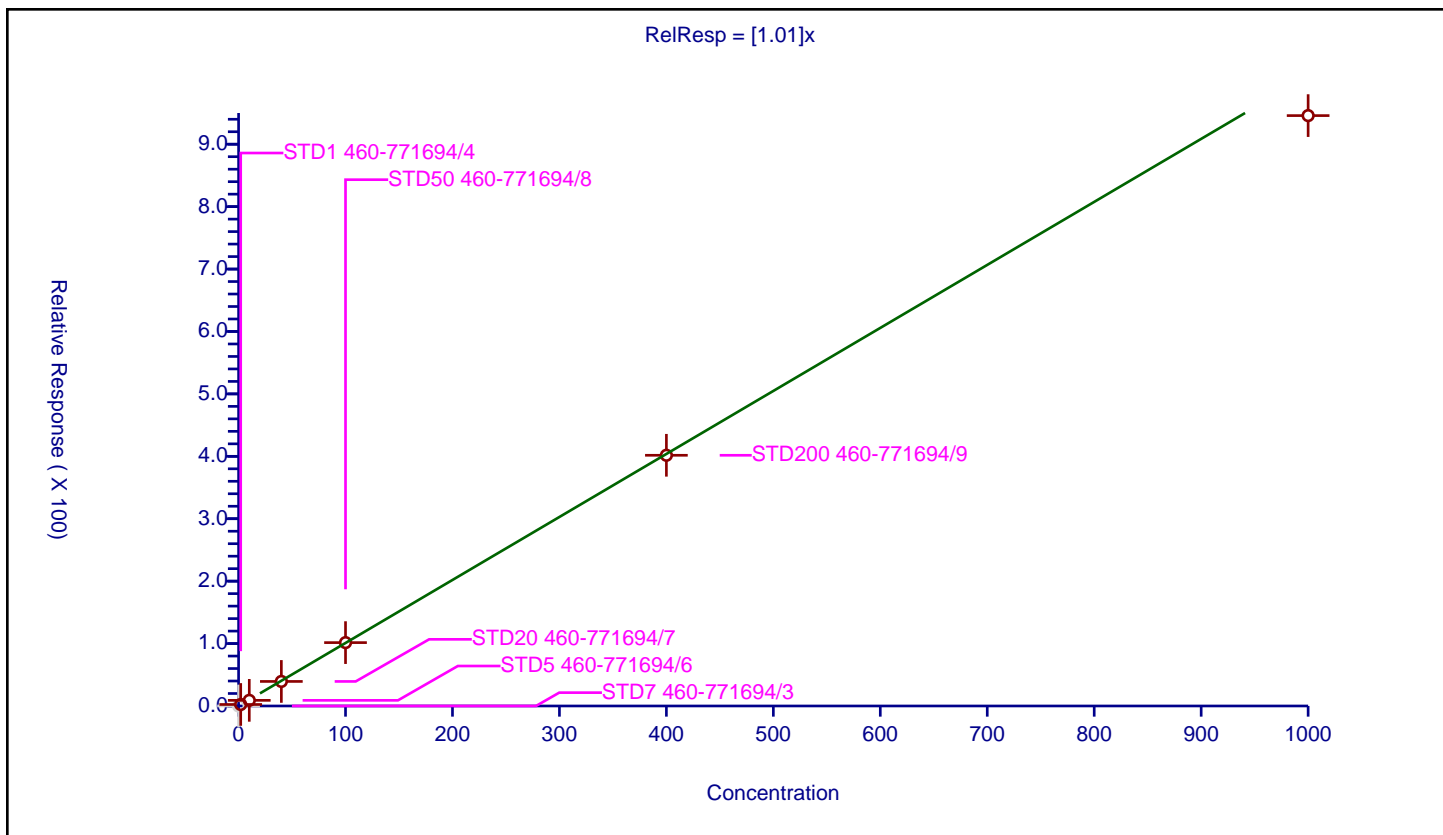
## Curve Coefficients

Intercept: 0  
 Slope: 1.01

## Error Coefficients

Standard Error: 757000  
 Relative Standard Error: 10.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	2.0	2.407868	250.0	285730.0	1.203934	Y
3	STD5 460-771694/6	10.0	9.047872	250.0	261194.0	0.904787	Y
4	STD20 460-771694/7	40.0	39.323355	250.0	315010.0	0.983084	Y
5	STD50 460-771694/8	100.0	101.521557	250.0	327822.0	1.015216	Y
6	STD200 460-771694/9	400.0	401.662834	250.0	367445.0	1.004157	Y
7	STD500 460-771694/10	1000.0	945.846379	250.0	417756.0	0.945846	Y



# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

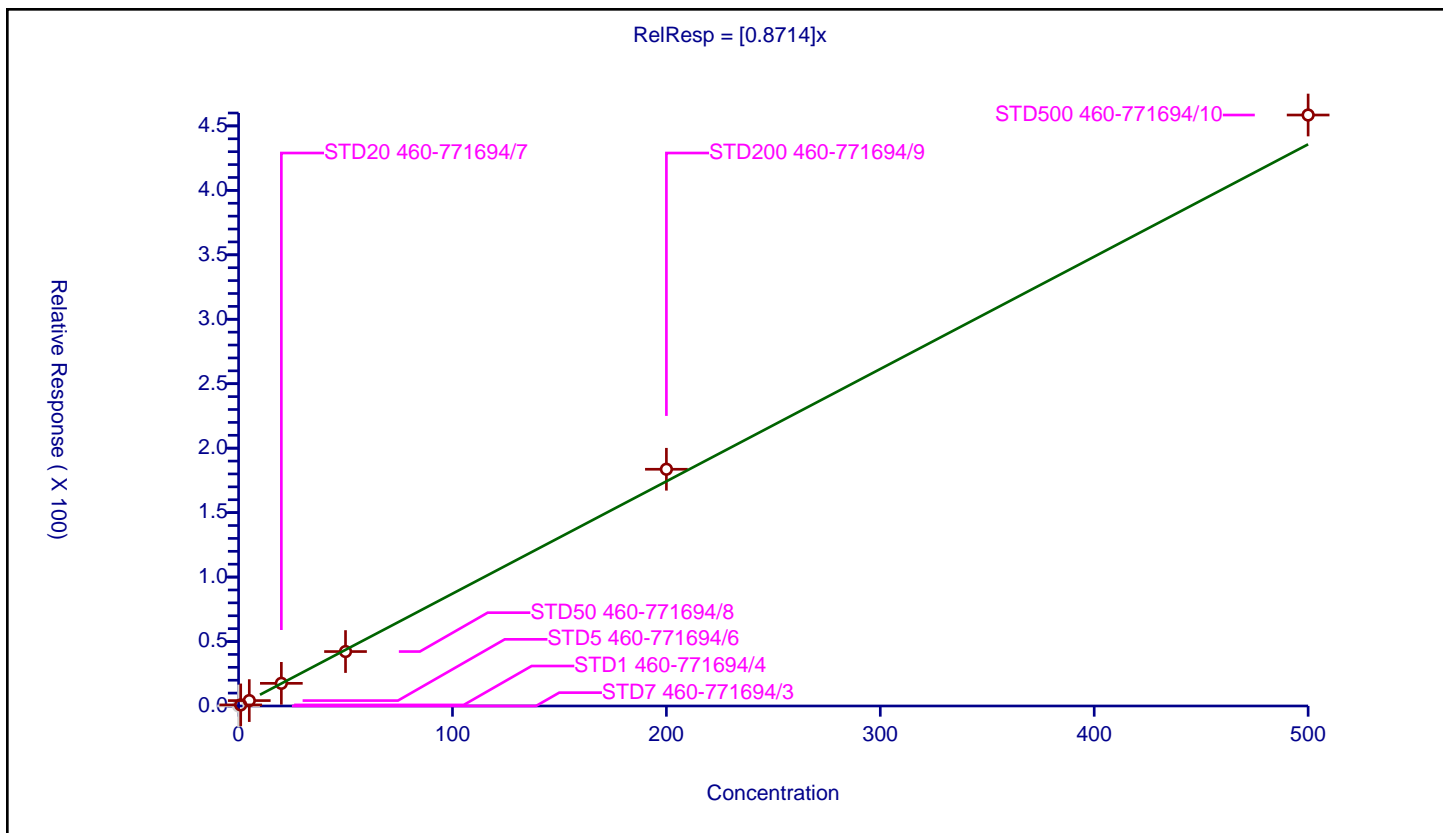
## Curve Coefficients

Intercept: 0  
 Slope: 0.8714

## Error Coefficients

Standard Error: 2830000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.830959	50.0	555563.0	0.830959	Y
3	STD5 460-771694/6	5.0	4.197044	50.0	550578.0	0.839409	Y
4	STD20 460-771694/7	20.0	17.568301	50.0	578283.0	0.878415	Y
5	STD50 460-771694/8	50.0	42.230493	50.0	601885.0	0.84461	Y
6	STD200 460-771694/9	200.0	183.649366	50.0	622878.0	0.918247	Y
7	STD500 460-771694/10	500.0	458.449547	50.0	641135.0	0.916899	Y



# Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

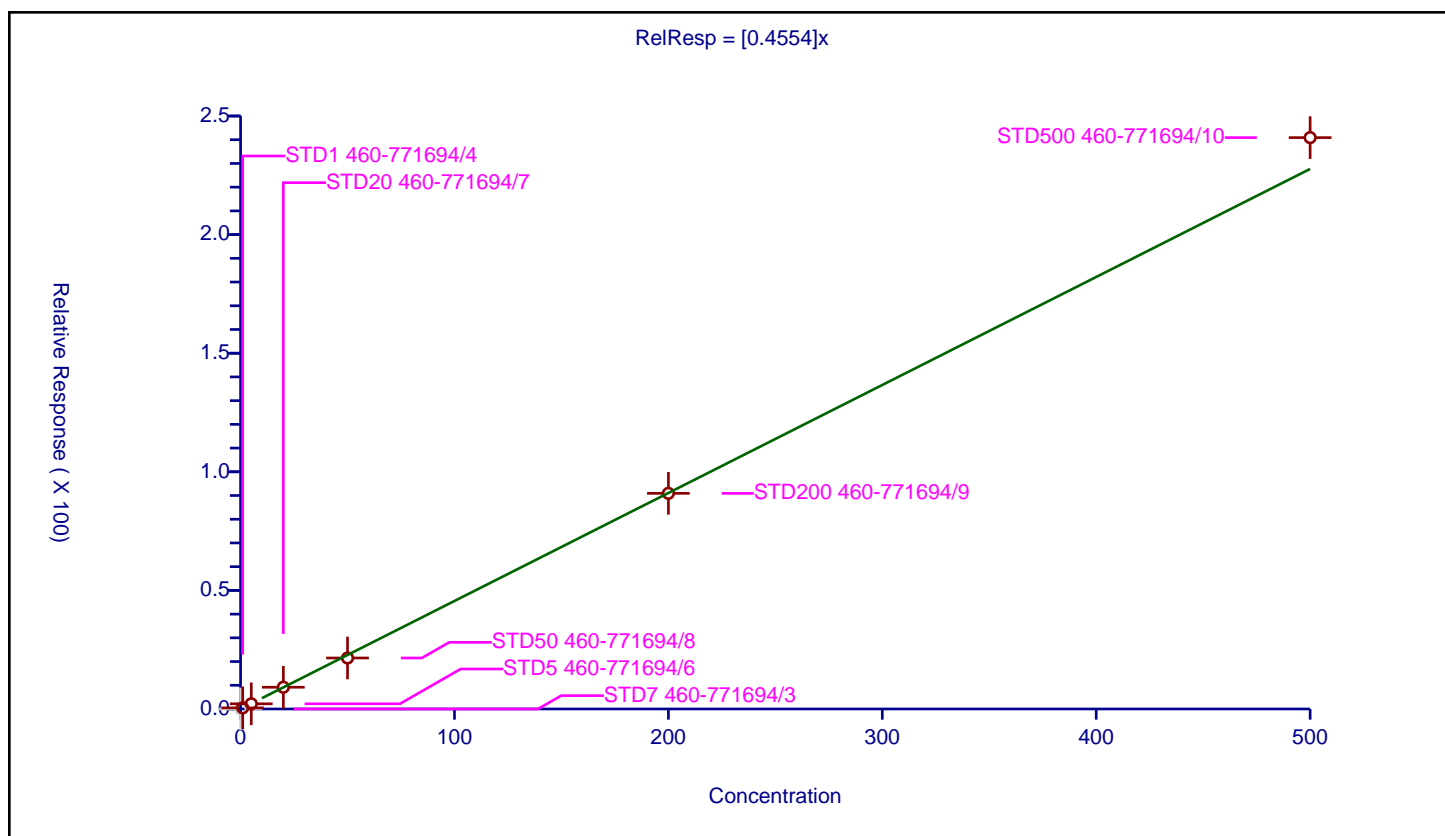
## Curve Coefficients

Intercept: 0  
 Slope: 0.4554

## Error Coefficients

Standard Error: 1480000  
 Relative Standard Error: 4.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.468984	50.0	555563.0	0.468984	Y
3	STD5 460-771694/6	5.0	2.191243	50.0	550578.0	0.438249	Y
4	STD20 460-771694/7	20.0	9.172066	50.0	578283.0	0.458603	Y
5	STD50 460-771694/8	50.0	21.497379	50.0	601885.0	0.429948	Y
6	STD200 460-771694/9	200.0	90.917884	50.0	622878.0	0.454589	Y
7	STD500 460-771694/10	500.0	240.888736	50.0	641135.0	0.481777	Y



# Calibration

/ Tert-butyl ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

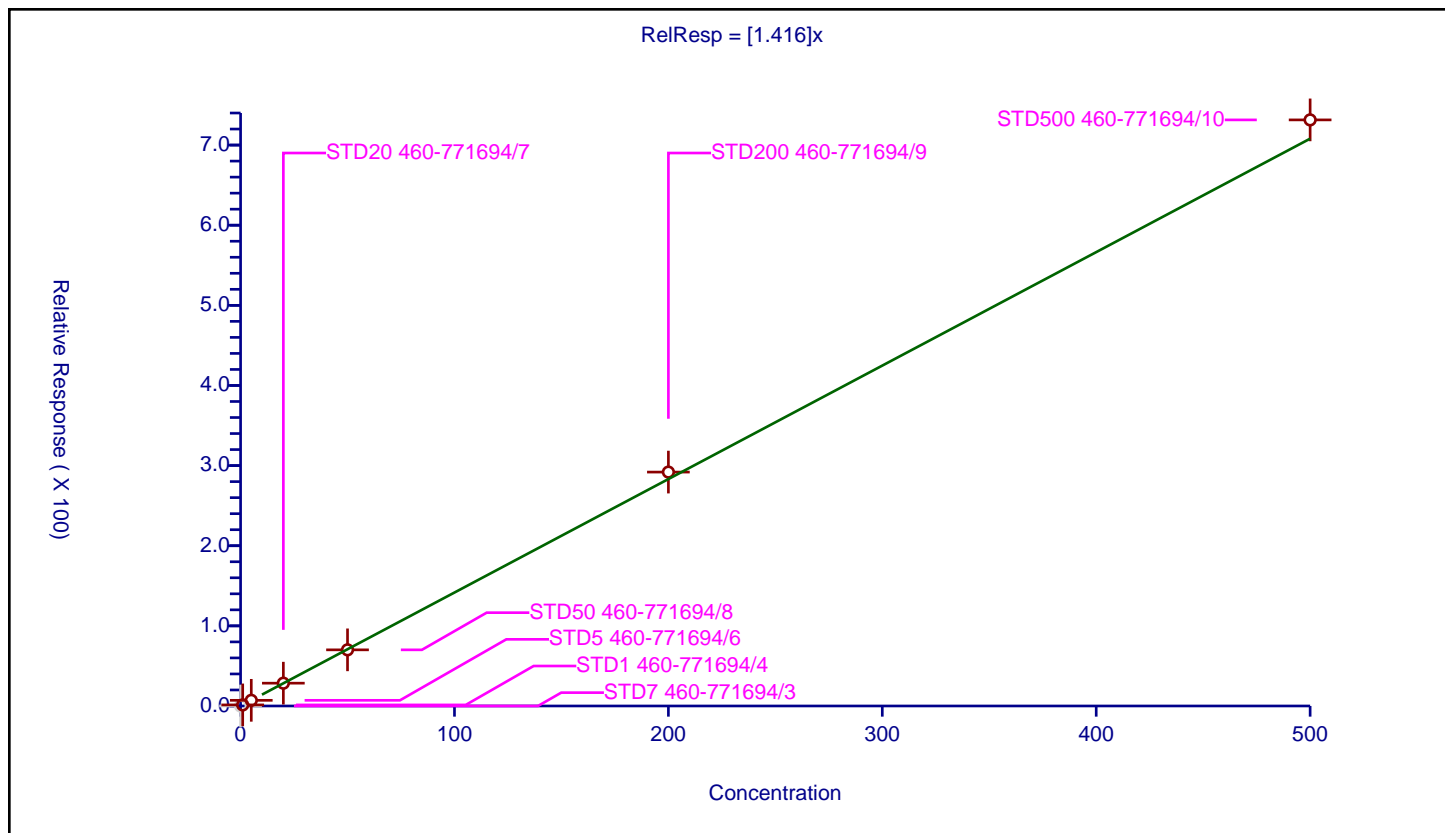
## Curve Coefficients

Intercept: 0  
 Slope: 1.416

## Error Coefficients

Standard Error: 4520000  
 Relative Standard Error: 3.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	1.337022	50.0	555563.0	1.337022	Y
3	STD5 460-771694/6	5.0	7.06058	50.0	550578.0	1.412116	Y
4	STD20 460-771694/7	20.0	28.455445	50.0	578283.0	1.422772	Y
5	STD50 460-771694/8	50.0	70.07842	50.0	601885.0	1.401568	Y
6	STD200 460-771694/9	200.0	291.899537	50.0	622878.0	1.459498	Y
7	STD500 460-771694/10	500.0	731.420294	50.0	641135.0	1.462841	Y



## Calibration

/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

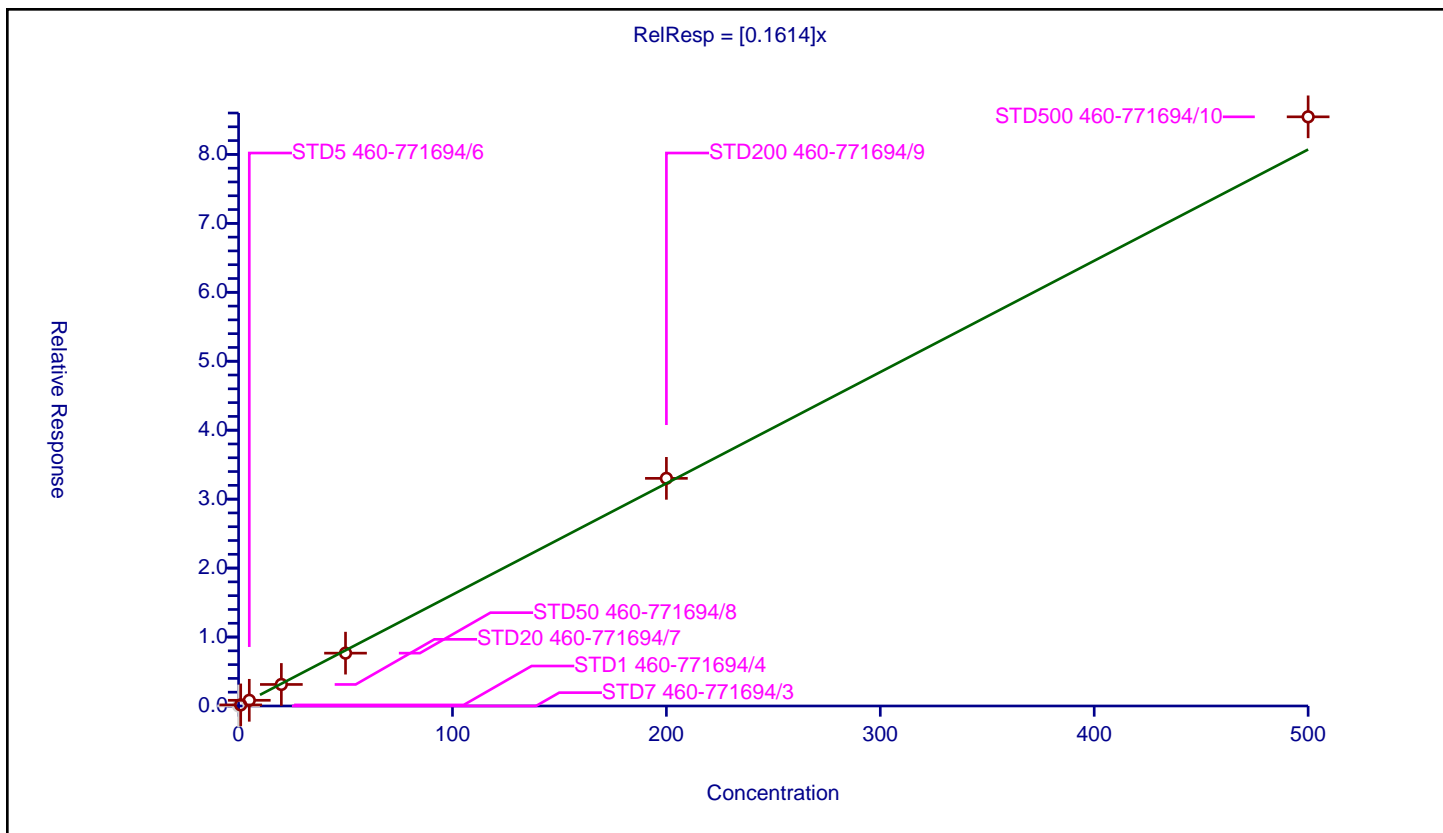
### Curve Coefficients

Intercept: 0  
 Slope: 0.1614

### Error Coefficients

Standard Error: 525000  
 Relative Standard Error: 4.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.157588	50.0	555563.0	0.157588	Y
3	STD5 460-771694/6	5.0	0.827494	50.0	550578.0	0.165499	Y
4	STD20 460-771694/7	20.0	3.123557	50.0	578283.0	0.156178	Y
5	STD50 460-771694/8	50.0	7.664172	50.0	601885.0	0.153283	Y
6	STD200 460-771694/9	200.0	33.016016	50.0	622878.0	0.16508	Y
7	STD500 460-771694/10	500.0	85.448151	50.0	641135.0	0.170896	Y





## Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

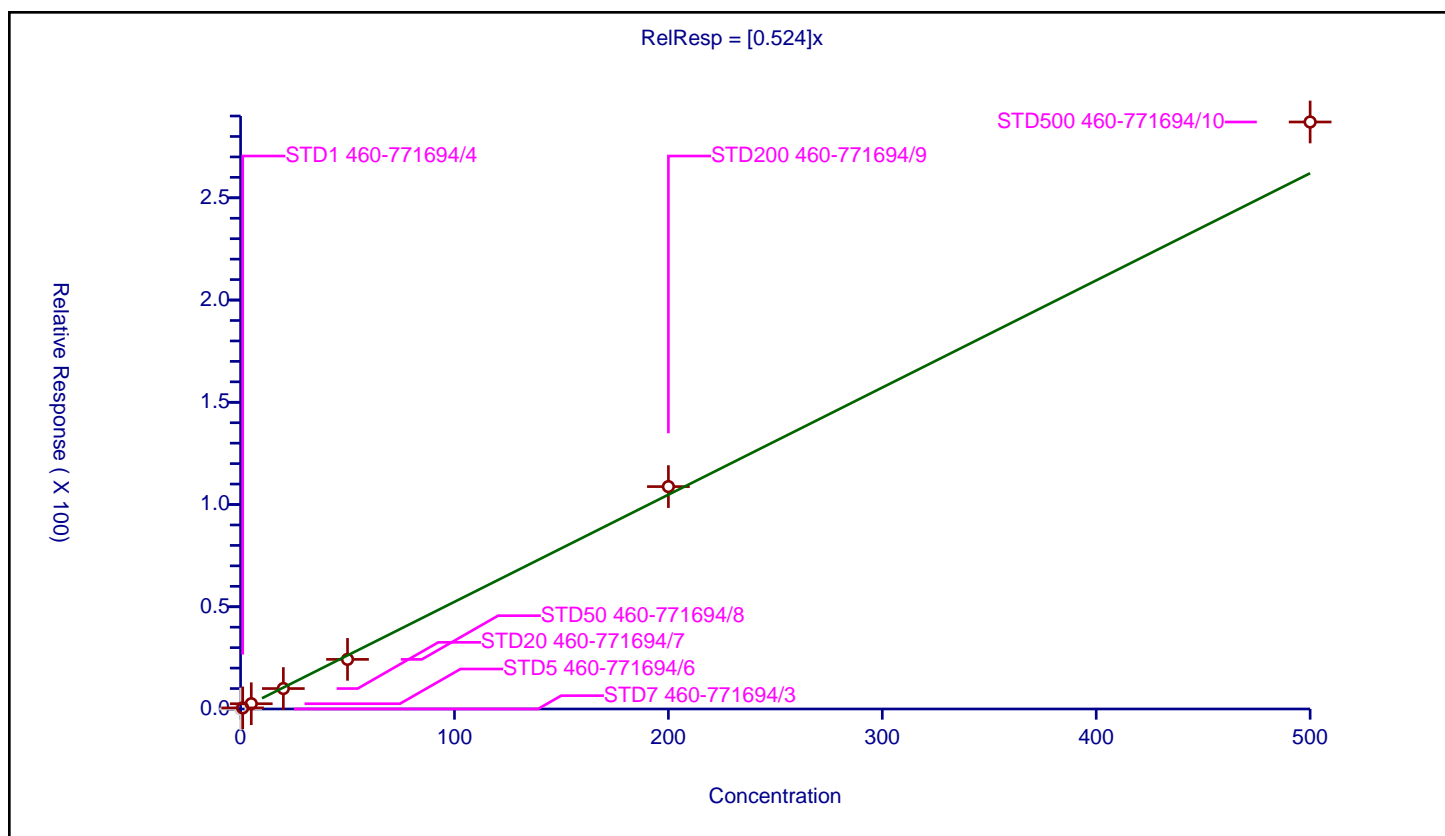
## Curve Coefficients

Intercept: 0  
Slope: 0.524

## Error Coefficients

Standard Error: 1760000  
Relative Standard Error: 6.1  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.526313	50.0	555563.0	0.526313	Y
3	STD5 460-771694/6	5.0	2.573568	50.0	550578.0	0.514714	Y
4	STD20 460-771694/7	20.0	9.996922	50.0	578283.0	0.499846	Y
5	STD50 460-771694/8	50.0	24.260033	50.0	601885.0	0.485201	Y
6	STD200 460-771694/9	200.0	108.766323	50.0	622878.0	0.543832	Y
7	STD500 460-771694/10	500.0	287.084389	50.0	641135.0	0.574169	Y



# Calibration

/ Ethyl acetate

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

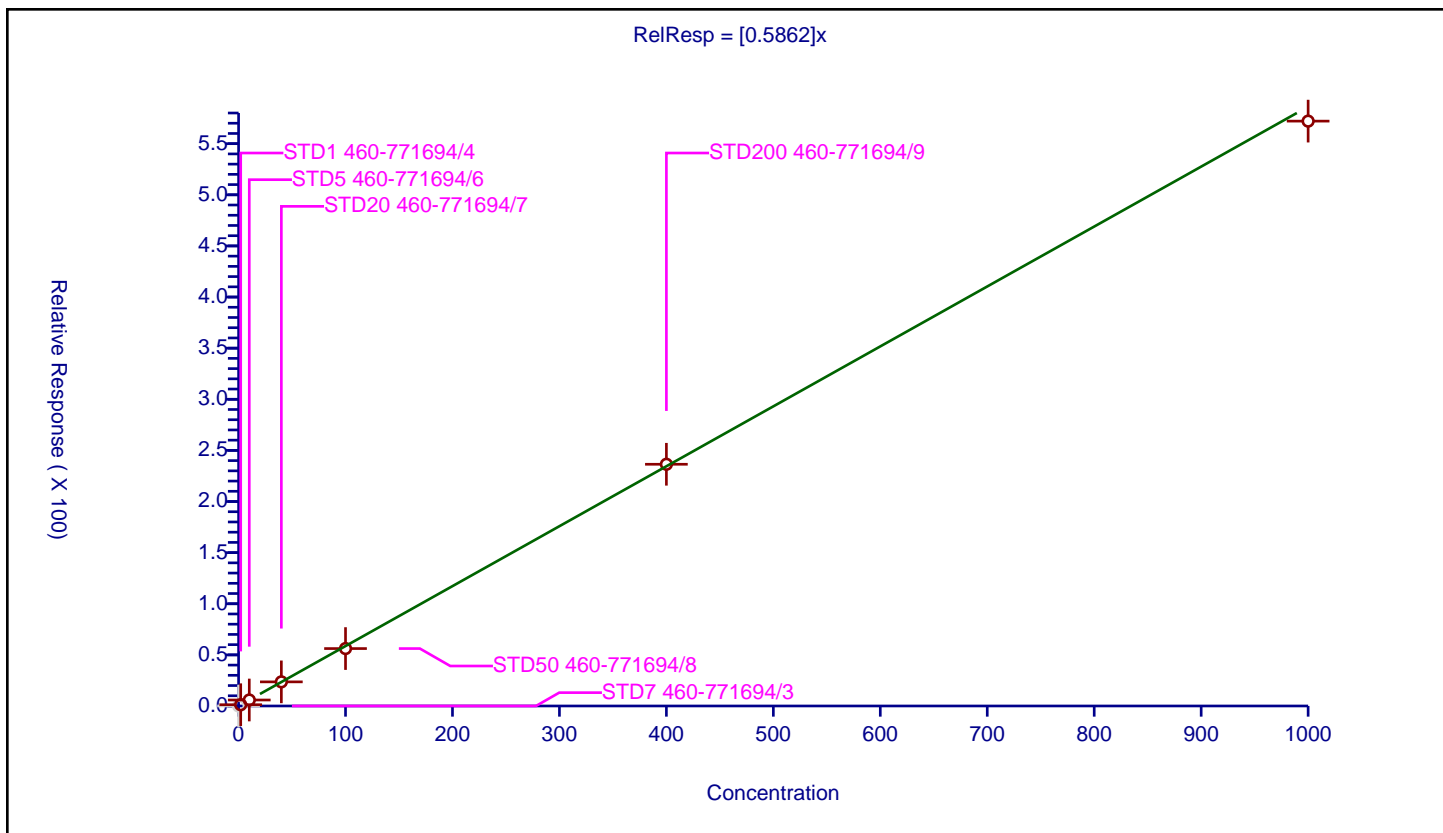
## Curve Coefficients

Intercept: 0  
Slope: 0.5862

## Error Coefficients

Standard Error: 456000  
Relative Standard Error: 3.2  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	2.0	1.231932	250.0	285730.0	0.615966	Y
3	STD5 460-771694/6	10.0	5.863458	250.0	261194.0	0.586346	Y
4	STD20 460-771694/7	40.0	23.59687	250.0	315010.0	0.589922	Y
5	STD50 460-771694/8	100.0	56.175302	250.0	327822.0	0.561753	Y
6	STD200 460-771694/9	400.0	236.425179	250.0	367445.0	0.591063	Y
7	STD500 460-771694/10	1000.0	572.063597	250.0	417756.0	0.572064	Y



# Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

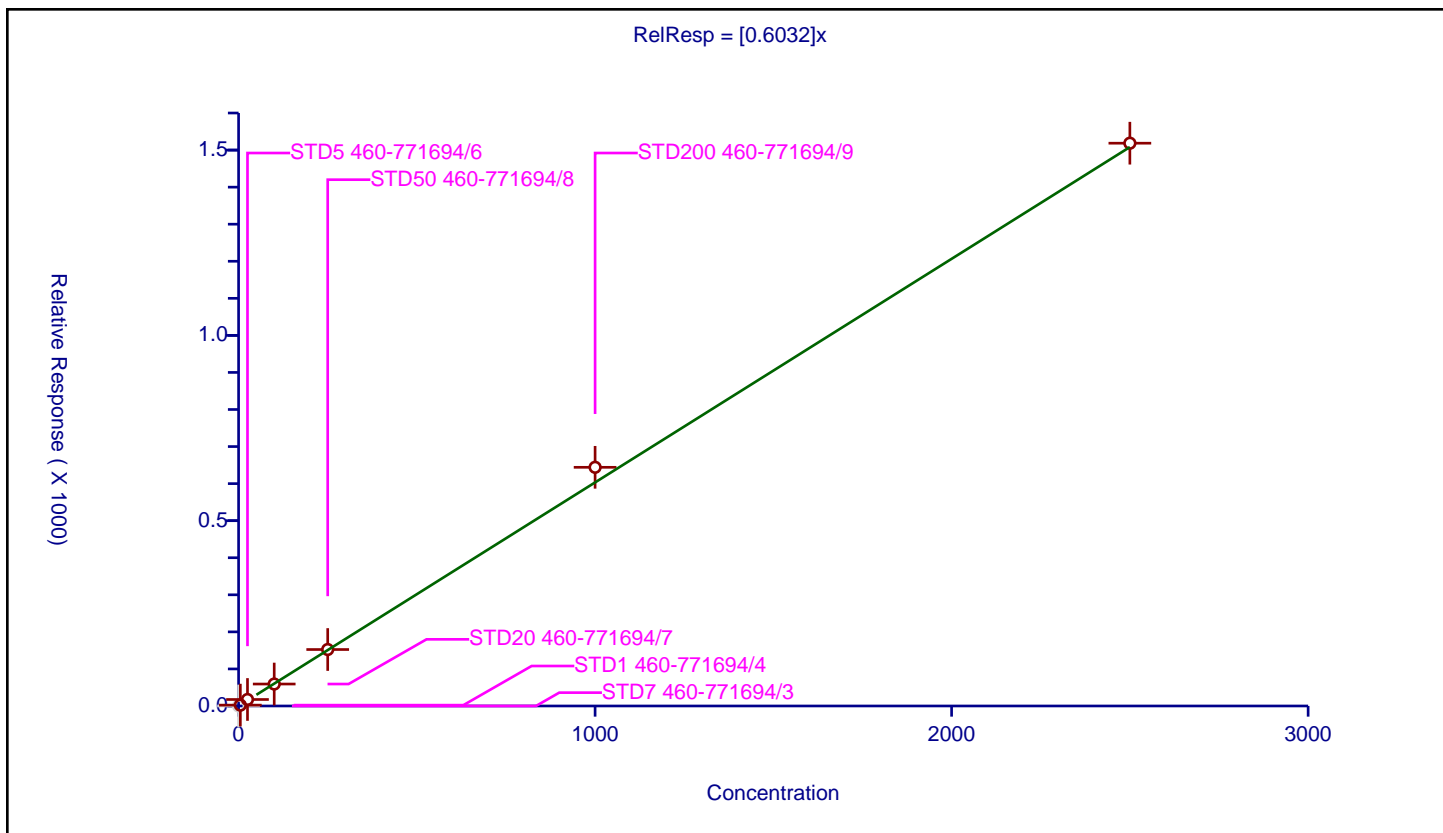
## Curve Coefficients

Intercept: 0  
 Slope: 0.6032

## Error Coefficients

Standard Error: 1210000  
 Relative Standard Error: 12.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	5.0	2.325622	250.0	285730.0	0.465124	Y
3	STD5 460-771694/6	25.0	17.529116	250.0	261194.0	0.701165	Y
4	STD20 460-771694/7	100.0	59.229866	250.0	315010.0	0.592299	Y
5	STD50 460-771694/8	250.0	152.352496	250.0	327822.0	0.60941	Y
6	STD200 460-771694/9	1000.0	644.048769	250.0	367445.0	0.644049	Y
7	STD500 460-771694/10	2500.0	1518.567058	250.0	417756.0	0.607427	Y



# Calibration

/ Methyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

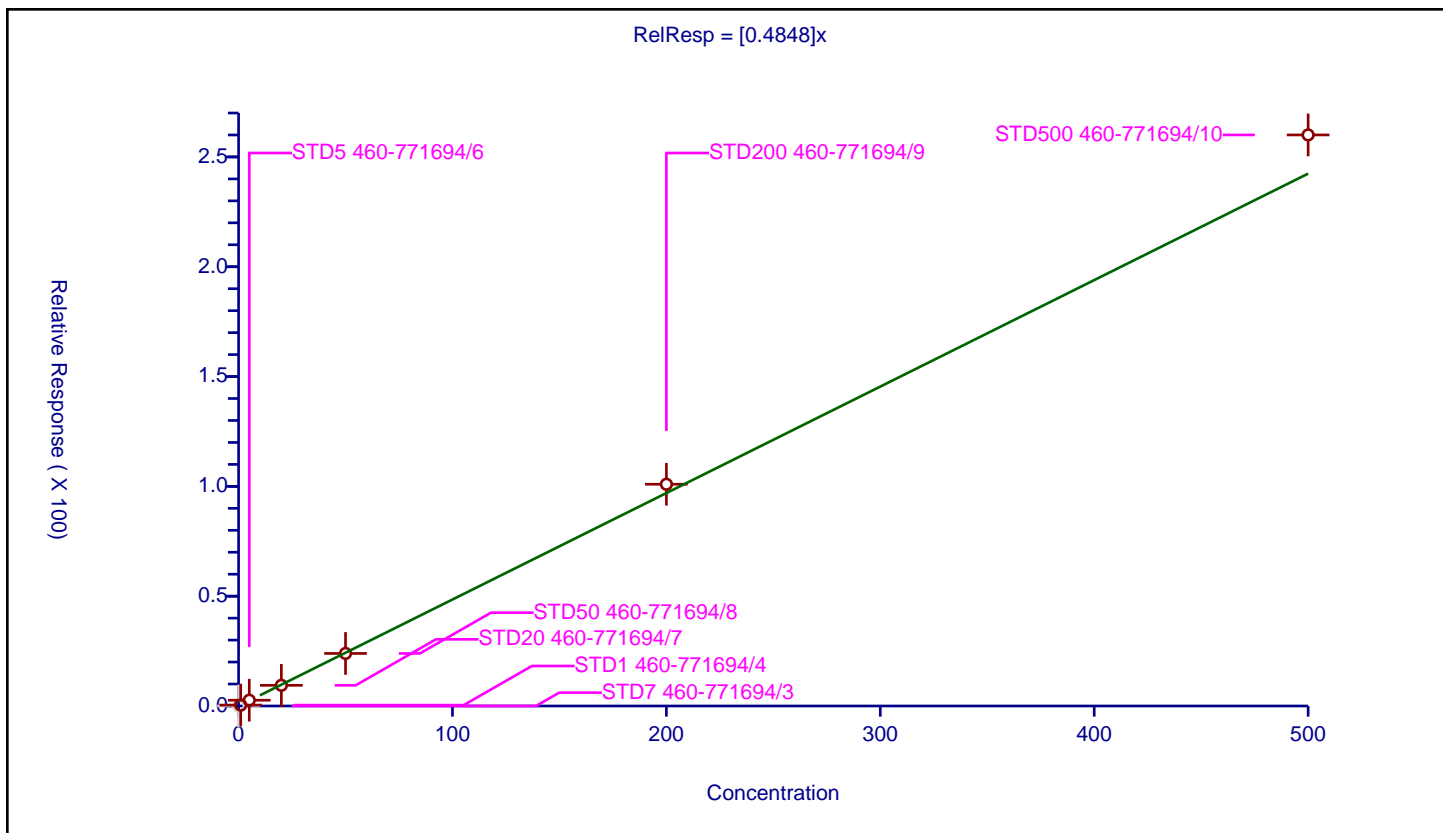
## Curve Coefficients

Intercept: 0  
 Slope: 0.4848

## Error Coefficients

Standard Error: 1600000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.408775	50.0	555563.0	0.408775	Y
3	STD5 460-771694/6	5.0	2.631326	50.0	550578.0	0.526265	Y
4	STD20 460-771694/7	20.0	9.406986	50.0	578283.0	0.470349	Y
5	STD50 460-771694/8	50.0	23.923507	50.0	601885.0	0.47847	Y
6	STD200 460-771694/9	200.0	100.966802	50.0	622878.0	0.504834	Y
7	STD500 460-771694/10	500.0	260.021992	50.0	641135.0	0.520044	Y



## Calibration

/ Propionitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

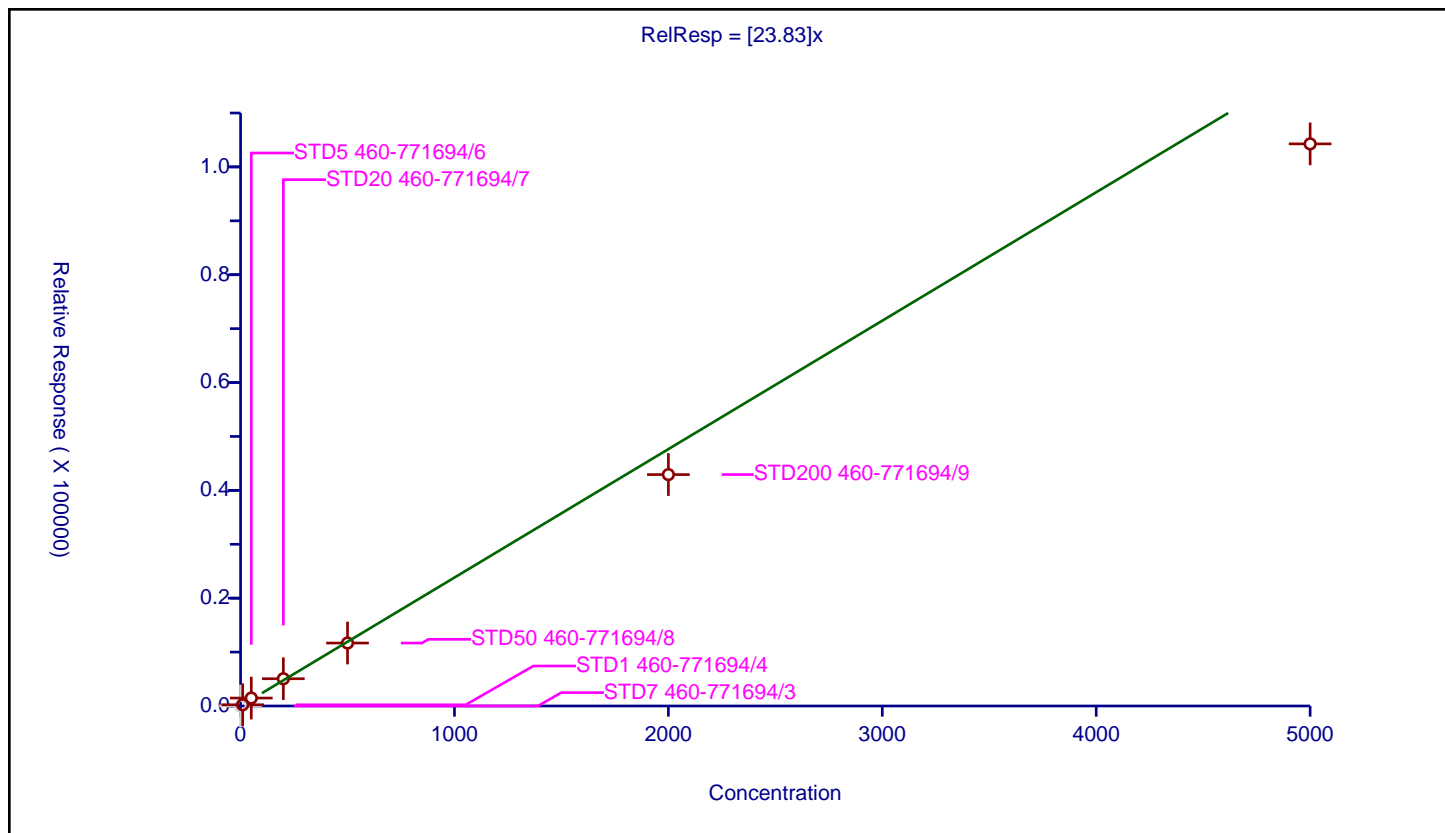
## Curve Coefficients

Intercept: 0  
Slope: 23.83

## Error Coefficients

Standard Error: 2440000  
Relative Standard Error: 13.3  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	40248.0	NaN	N
2	STD1 460-771694/4	10.0	225.241253	1000.0	37098.0	22.524125	Y
3	STD5 460-771694/6	50.0	1473.870823	1000.0	31306.0	29.477416	Y
4	STD20 460-771694/7	200.0	5054.969195	1000.0	39604.0	25.274846	Y
5	STD50 460-771694/8	500.0	11678.17162	1000.0	41895.0	23.356343	Y
6	STD200 460-771694/9	2000.0	42927.242705	1000.0	47844.0	21.463621	Y
7	STD500 460-771694/10	5000.0	104278.499919	1000.0	49544.0	20.8557	Y



# Calibration

/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

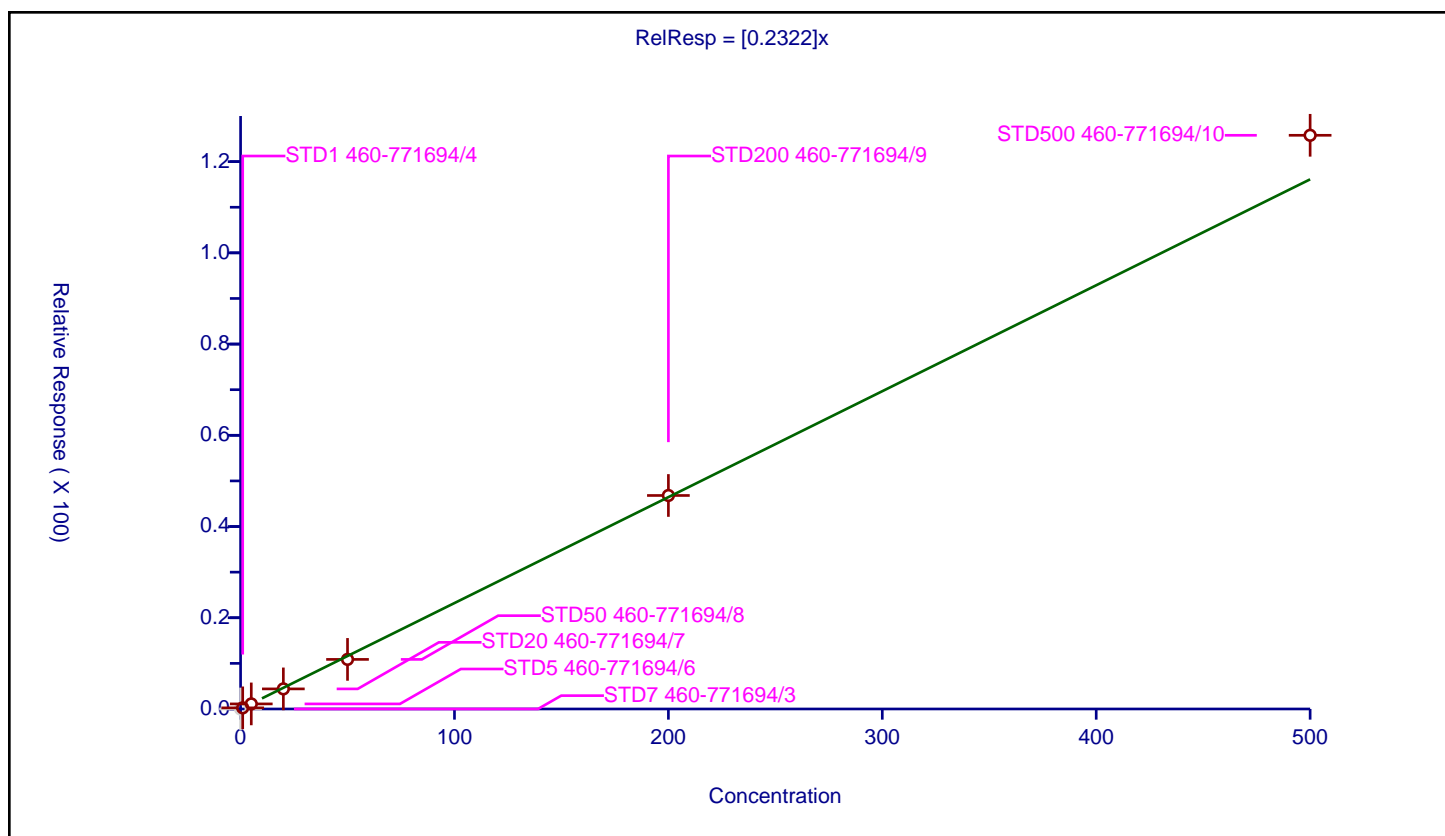
## Curve Coefficients

Intercept: 0  
 Slope: 0.2322

## Error Coefficients

Standard Error: 769000  
 Relative Standard Error: 6.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.247947	50.0	555563.0	0.247947	Y
3	STD5 460-771694/6	5.0	1.111014	50.0	550578.0	0.222203	Y
4	STD20 460-771694/7	20.0	4.405542	50.0	578283.0	0.220277	Y
5	STD50 460-771694/8	50.0	10.868521	50.0	601885.0	0.21737	Y
6	STD200 460-771694/9	200.0	46.807802	50.0	622878.0	0.234039	Y
7	STD500 460-771694/10	500.0	125.775617	50.0	641135.0	0.251551	Y



# Calibration

/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

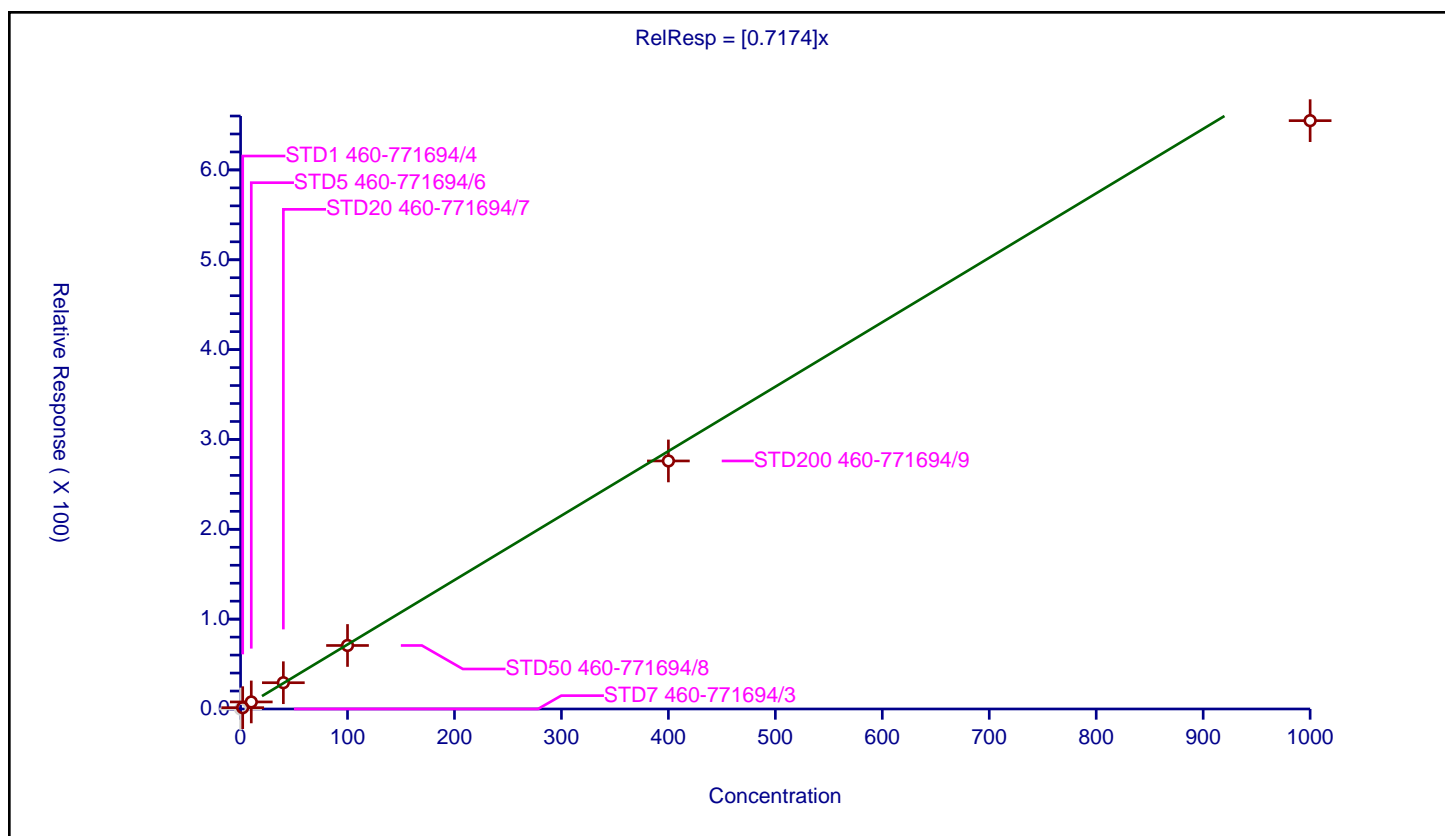
## Curve Coefficients

Intercept: 0  
 Slope: 0.7174

## Error Coefficients

Standard Error: 524000  
 Relative Standard Error: 6.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	2.0	1.472544	250.0	285730.0	0.736272	Y
3	STD5 460-771694/6	10.0	7.849529	250.0	261194.0	0.784953	Y
4	STD20 460-771694/7	40.0	29.263357	250.0	315010.0	0.731584	Y
5	STD50 460-771694/8	100.0	70.680125	250.0	327822.0	0.706801	Y
6	STD200 460-771694/9	400.0	276.076011	250.0	367445.0	0.69019	Y
7	STD500 460-771694/10	1000.0	654.847567	250.0	417756.0	0.654848	Y



# Calibration

/ Methacrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

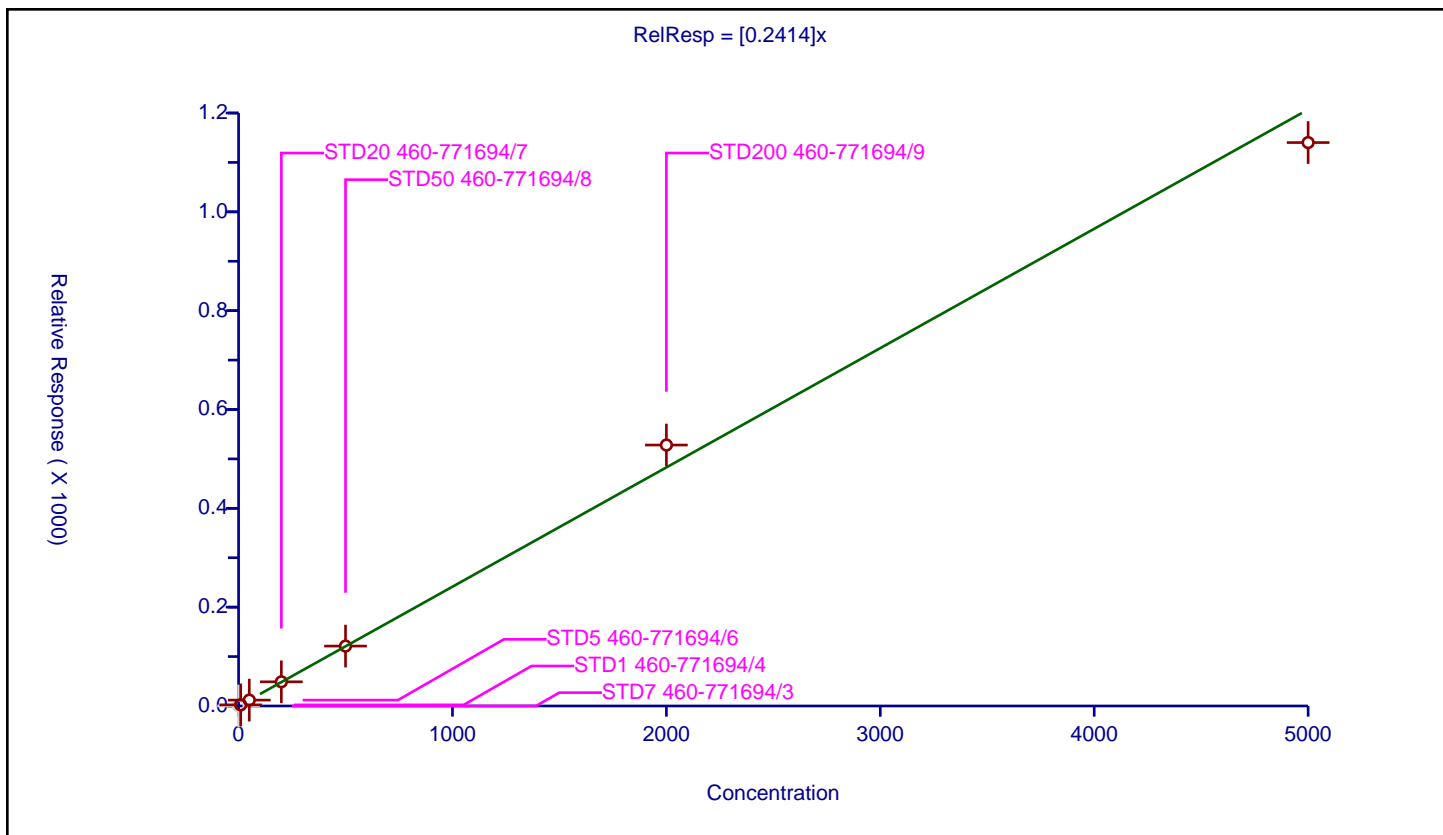
## Curve Coefficients

Intercept: 0  
 Slope: 0.2414

## Error Coefficients

Standard Error: 7200000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	10.0	2.316479	50.0	555563.0	0.231648	Y
3	STD5 460-771694/6	50.0	11.886327	50.0	550578.0	0.237727	Y
4	STD20 460-771694/7	200.0	48.908061	50.0	578283.0	0.24454	Y
5	STD50 460-771694/8	500.0	121.245421	50.0	601885.0	0.242491	Y
6	STD200 460-771694/9	2000.0	528.063682	50.0	622878.0	0.264032	Y
7	STD500 460-771694/10	5000.0	1140.188962	50.0	641135.0	0.228038	Y





# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

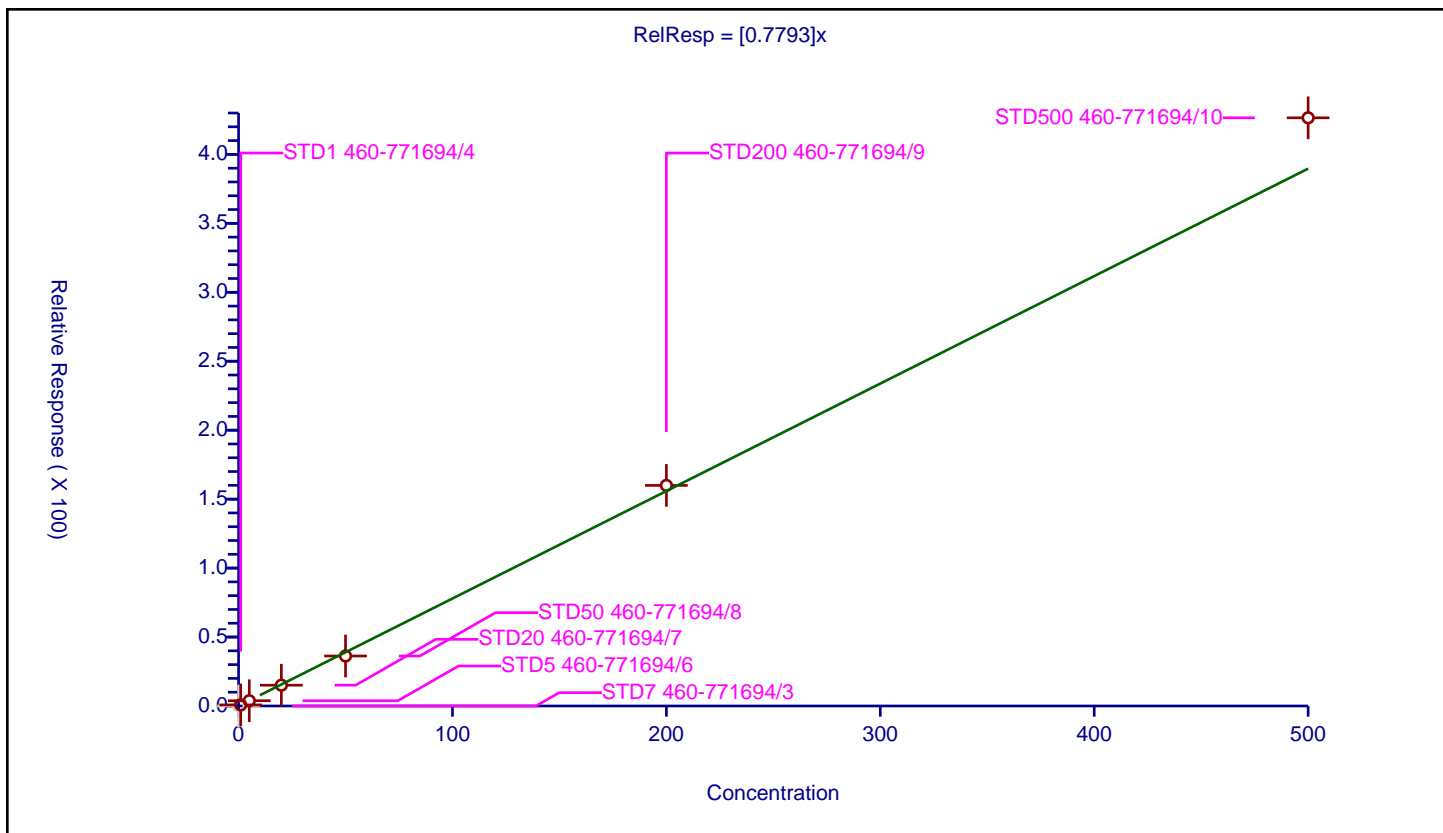
## Curve Coefficients

Intercept: 0  
 Slope: 0.7793

## Error Coefficients

Standard Error: 2610000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.78101	50.0	555563.0	0.78101	Y
3	STD5 460-771694/6	5.0	3.817897	50.0	550578.0	0.763579	Y
4	STD20 460-771694/7	20.0	15.073761	50.0	578283.0	0.753688	Y
5	STD50 460-771694/8	50.0	36.243635	50.0	601885.0	0.724873	Y
6	STD200 460-771694/9	200.0	159.95532	50.0	622878.0	0.799777	Y
7	STD500 460-771694/10	500.0	426.522963	50.0	641135.0	0.853046	Y



# Calibration

/ Cyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

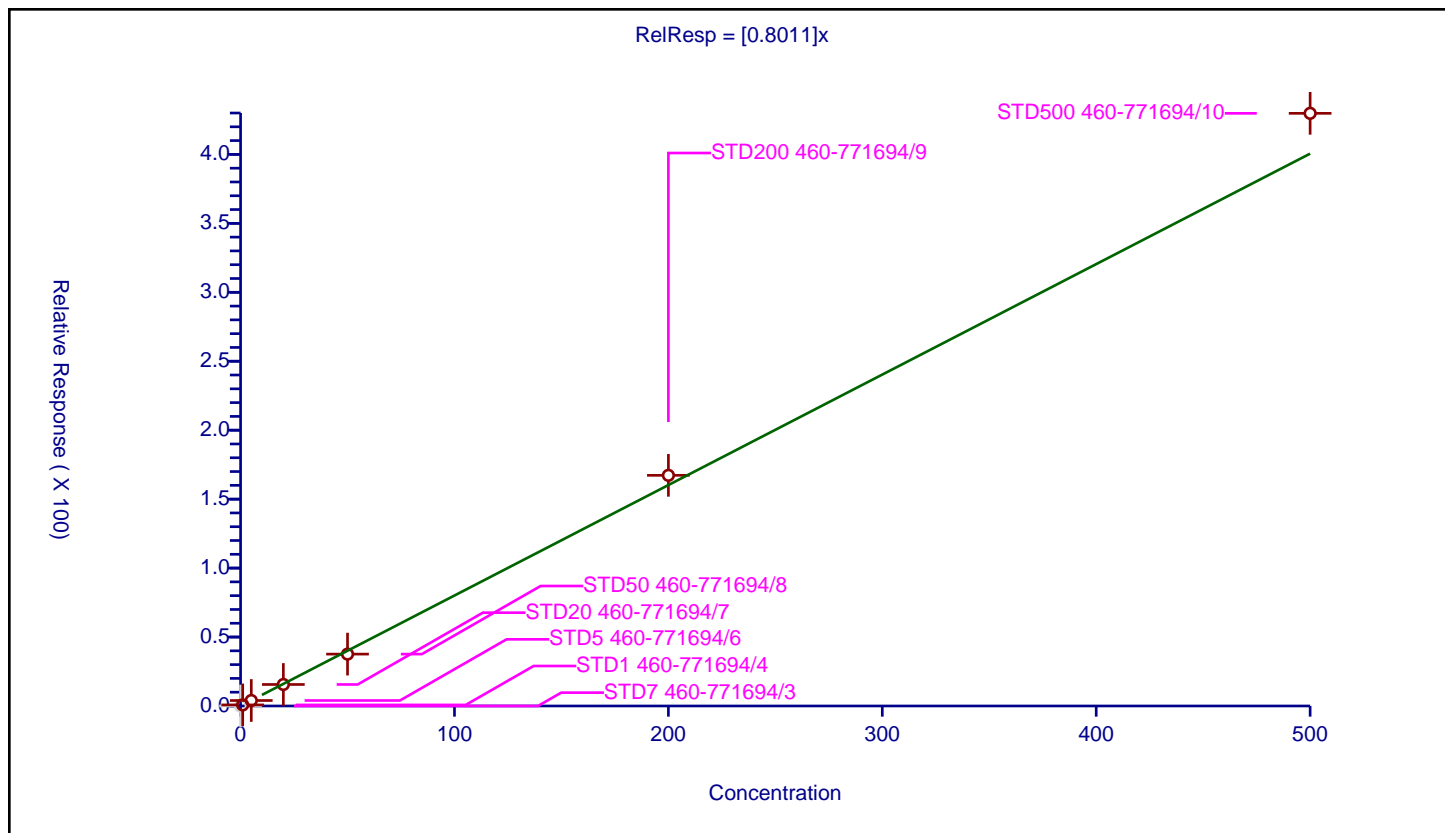
## Curve Coefficients

Intercept: 0  
 Slope: 0.8011

## Error Coefficients

Standard Error: 2640000  
 Relative Standard Error: 5.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.78218	50.0	555563.0	0.78218	Y
3	STD5 460-771694/6	5.0	3.982996	50.0	550578.0	0.796599	Y
4	STD20 460-771694/7	20.0	15.589858	50.0	578283.0	0.779493	Y
5	STD50 460-771694/8	50.0	37.617153	50.0	601885.0	0.752343	Y
6	STD200 460-771694/9	200.0	167.254583	50.0	622878.0	0.836273	Y
7	STD500 460-771694/10	500.0	429.773449	50.0	641135.0	0.859547	Y



# Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

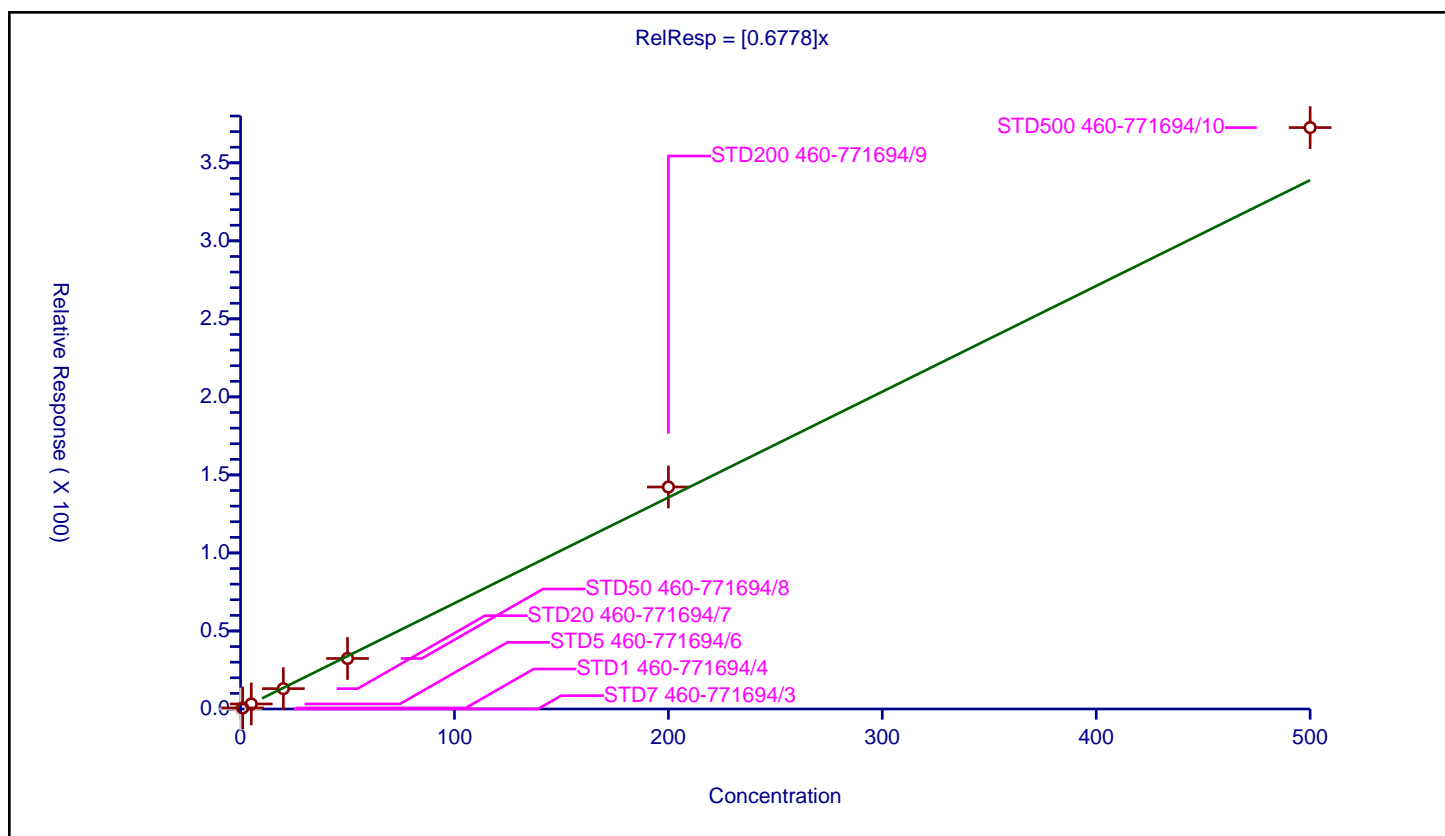
## Curve Coefficients

Intercept: 0  
 Slope: 0.6778

## Error Coefficients

Standard Error: 2290000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.665901	50.0	555563.0	0.665901	Y
3	STD5 460-771694/6	5.0	3.2267	50.0	550578.0	0.64534	Y
4	STD20 460-771694/7	20.0	13.031768	50.0	578283.0	0.651588	Y
5	STD50 460-771694/8	50.0	32.368725	50.0	601885.0	0.647374	Y
6	STD200 460-771694/9	200.0	142.248803	50.0	622878.0	0.711244	Y
7	STD500 460-771694/10	500.0	372.580736	50.0	641135.0	0.745161	Y



# Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

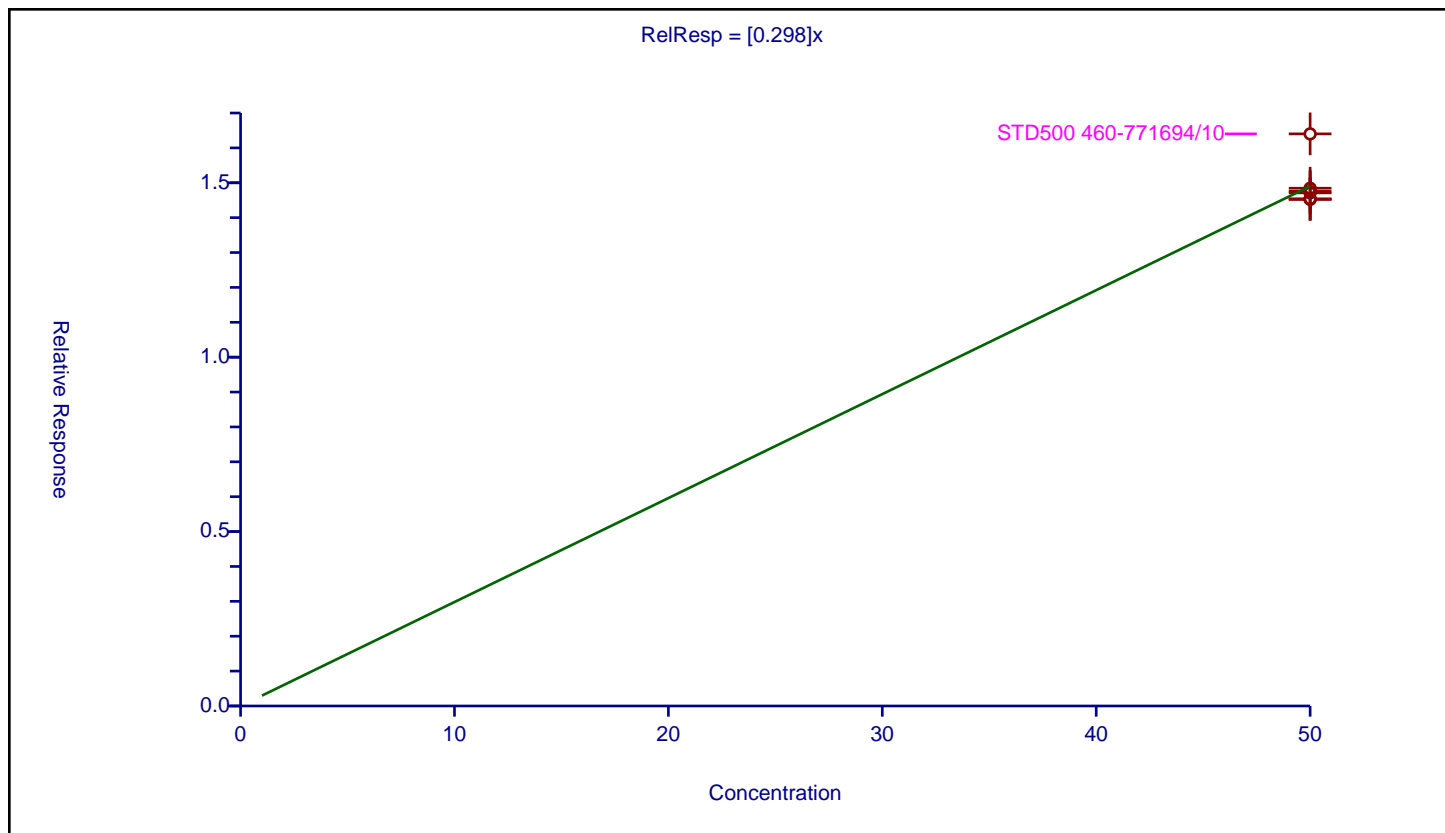
## Curve Coefficients

Intercept: 0  
 Slope: 0.298

## Error Coefficients

Standard Error: 191000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 0.00000000000000000000  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	50.0	14.529094	50.0	581485.0	0.290582	Y
2	STD1 460-771694/4	50.0	14.710843	50.0	555563.0	0.294217	Y
3	STD5 460-771694/6	50.0	14.526734	50.0	550578.0	0.290535	Y
4	STD20 460-771694/7	50.0	14.754022	50.0	578283.0	0.29508	Y
5	STD50 460-771694/8	50.0	14.843782	50.0	601885.0	0.296876	Y
6	STD200 460-771694/9	50.0	14.53808	50.0	622878.0	0.290762	Y
7	STD500 460-771694/10	50.0	16.402006	50.0	641135.0	0.32804	Y



# Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

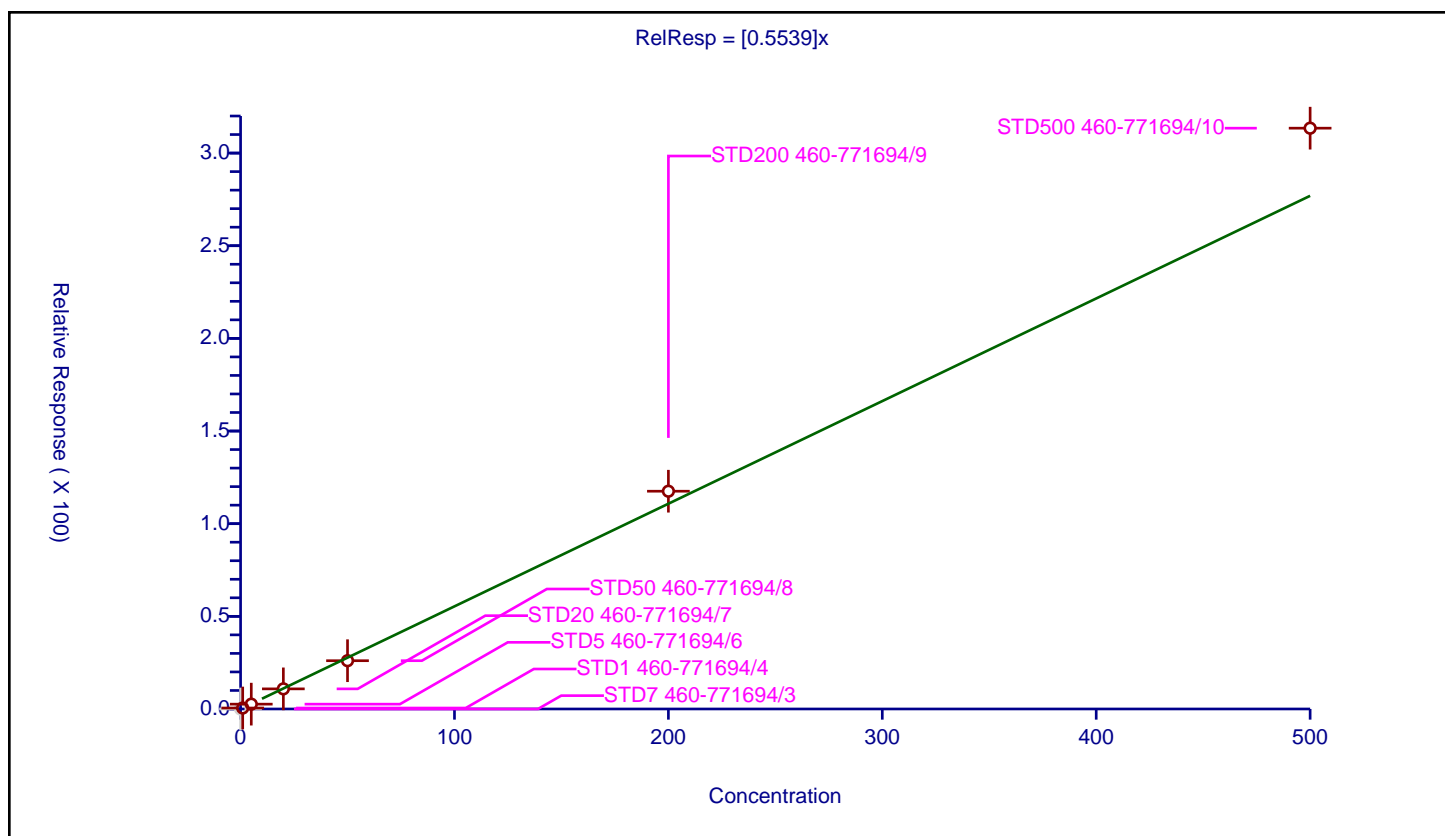
## Curve Coefficients

Intercept: 0  
 Slope: 0.5539

## Error Coefficients

Standard Error: 1920000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.523253	50.0	555563.0	0.523253	Y
3	STD5 460-771694/6	5.0	2.605625	50.0	550578.0	0.521125	Y
4	STD20 460-771694/7	20.0	10.861637	50.0	578283.0	0.543082	Y
5	STD50 460-771694/8	50.0	26.058383	50.0	601885.0	0.521168	Y
6	STD200 460-771694/9	200.0	117.519241	50.0	622878.0	0.587596	Y
7	STD500 460-771694/10	500.0	313.438979	50.0	641135.0	0.626878	Y



# Calibration

/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

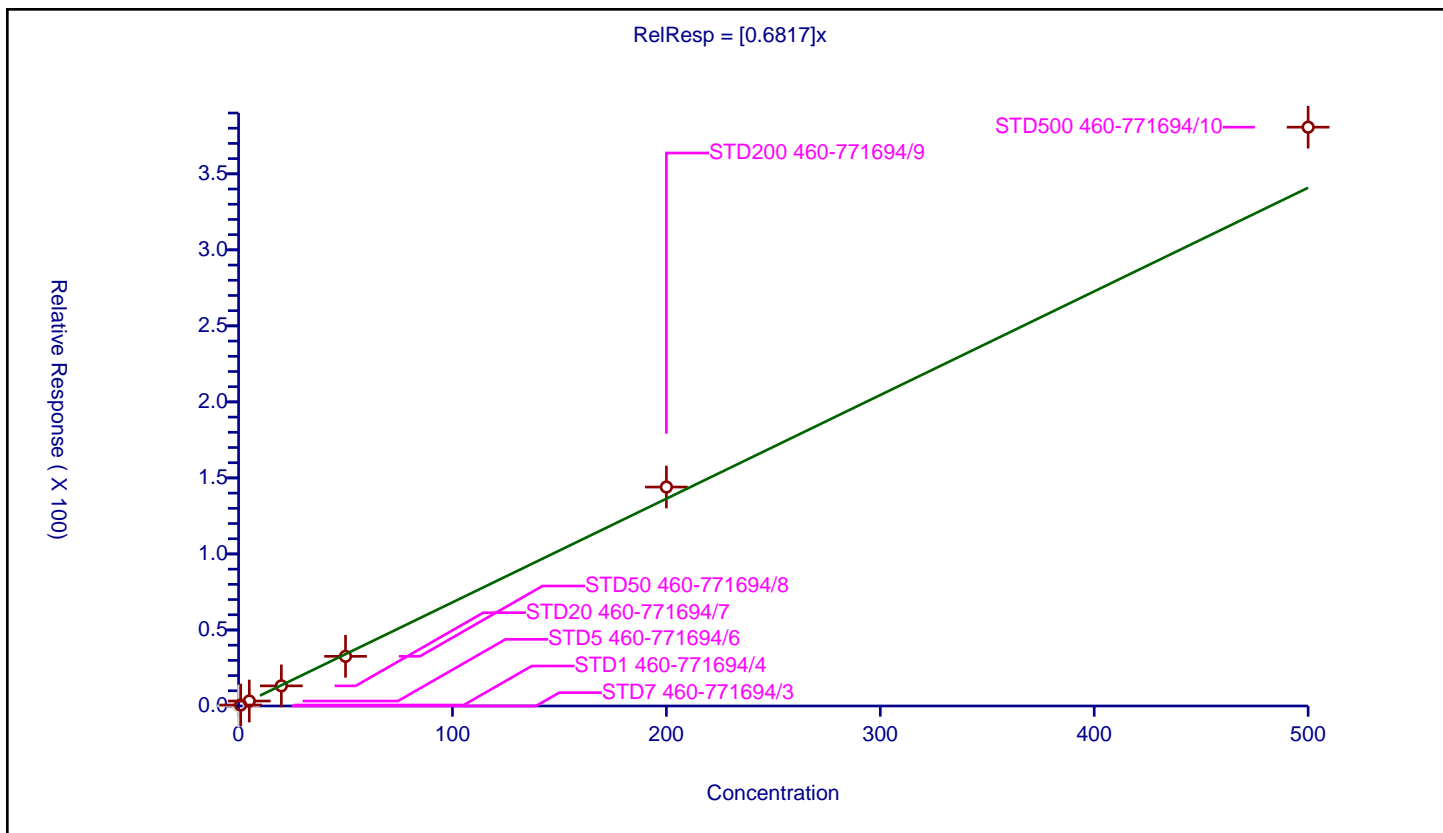
## Curve Coefficients

Intercept: 0  
 Slope: 0.6817

## Error Coefficients

Standard Error: 2330000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.639531	50.0	555563.0	0.639531	Y
3	STD5 460-771694/6	5.0	3.273197	50.0	550578.0	0.654639	Y
4	STD20 460-771694/7	20.0	13.229682	50.0	578283.0	0.661484	Y
5	STD50 460-771694/8	50.0	32.665044	50.0	601885.0	0.653301	Y
6	STD200 460-771694/9	200.0	143.99754	50.0	622878.0	0.719988	Y
7	STD500 460-771694/10	500.0	380.680278	50.0	641135.0	0.761361	Y



# Calibration

/ Isobutyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

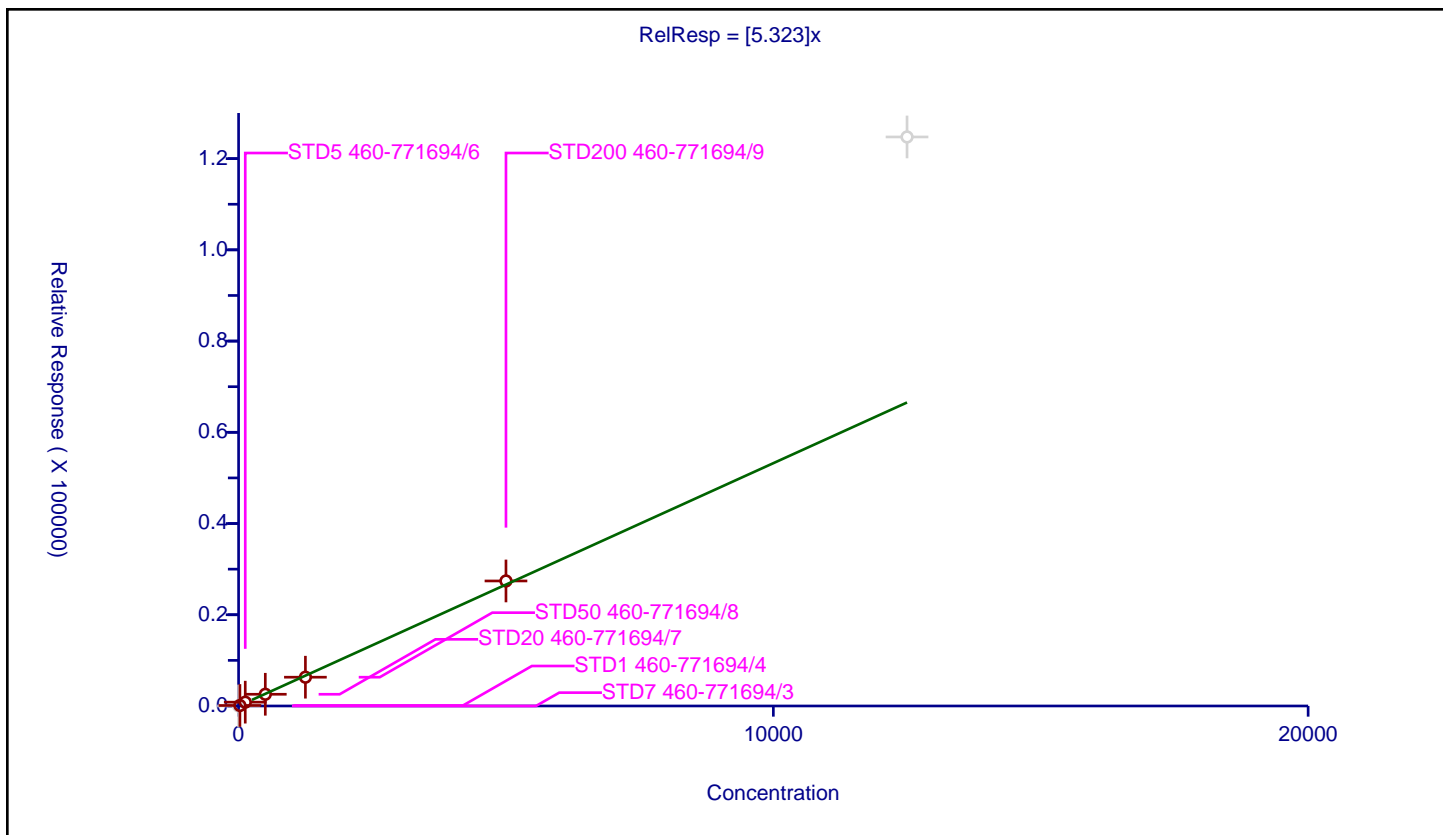
## Curve Coefficients

Intercept: 0  
 Slope: 5.323

## Error Coefficients

Standard Error: 657000  
 Relative Standard Error: 17.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	40248.0	NaN	N
2	STD1 460-771694/4	25.0	105.531295	1000.0	37098.0	4.221252	Y
3	STD5 460-771694/6	125.0	840.861177	1000.0	31306.0	6.726889	Y
4	STD20 460-771694/7	500.0	2569.68993	1000.0	39604.0	5.13938	Y
5	STD50 460-771694/8	1250.0	6308.867407	1000.0	41895.0	5.047094	Y
6	STD200 460-771694/9	5000.0	27408.264359	1000.0	47844.0	5.481653	Y
7	STD500 460-771694/10	12500.0	124751.554174	1000.0	49544.0	9.980124	N



# Calibration

/ Isooctane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

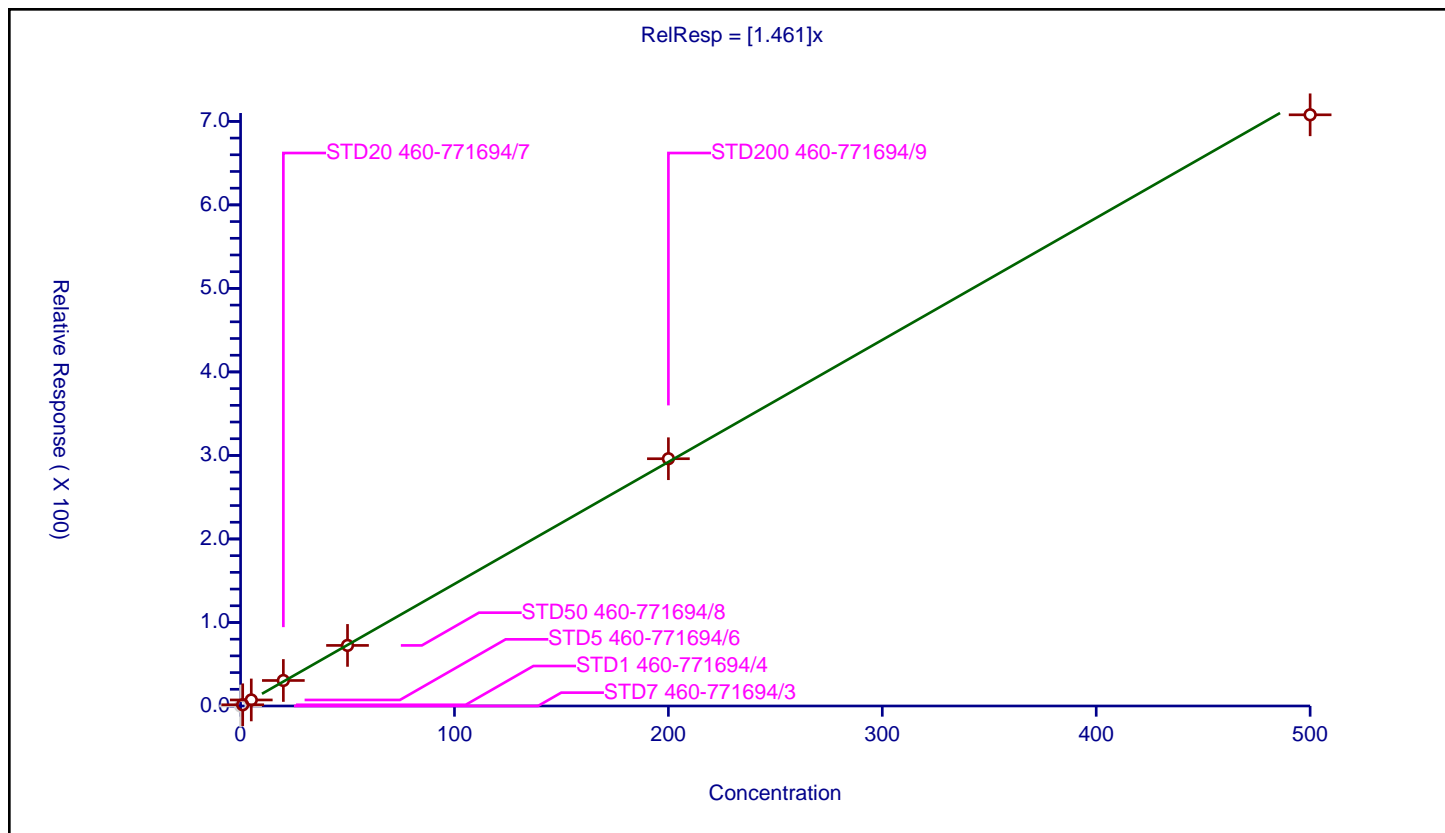
## Curve Coefficients

Intercept: 0  
 Slope: 1.461

## Error Coefficients

Standard Error: 4400000  
 Relative Standard Error: 2.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	1.447631	50.0	555563.0	1.447631	Y
3	STD5 460-771694/6	5.0	7.229312	50.0	550578.0	1.445862	Y
4	STD20 460-771694/7	20.0	30.531072	50.0	578283.0	1.526554	Y
5	STD50 460-771694/8	50.0	72.516012	50.0	601885.0	1.45032	Y
6	STD200 460-771694/9	200.0	296.066084	50.0	622878.0	1.48033	Y
7	STD500 460-771694/10	500.0	707.856302	50.0	641135.0	1.415713	Y





# Calibration

/ Benzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

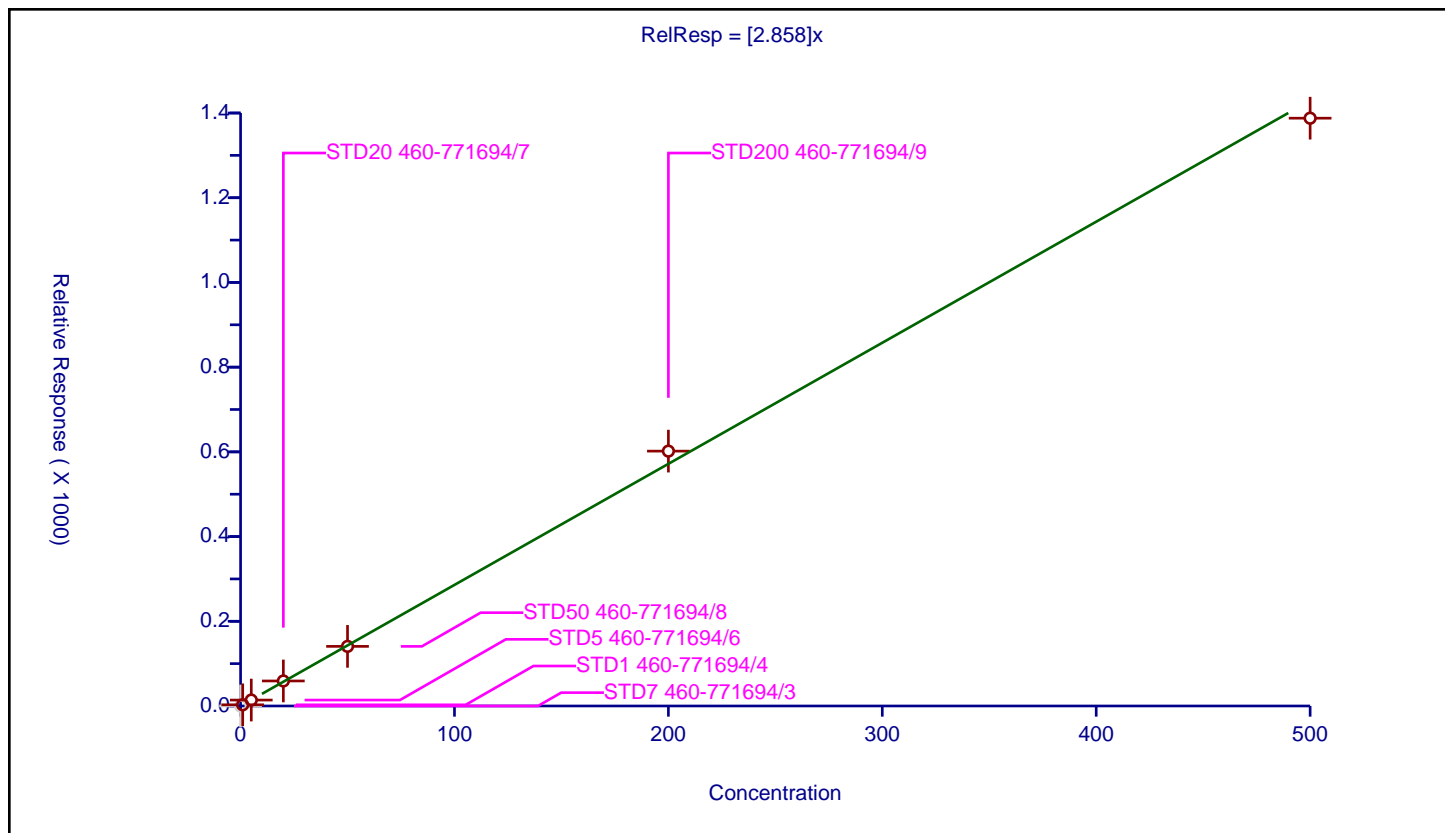
## Curve Coefficients

Intercept: 0  
 Slope: 2.858

## Error Coefficients

Standard Error: 6010000  
 Relative Standard Error: 3.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	2.796131	50.0	374893.0	2.796131	Y
3	STD5 460-771694/6	5.0	14.006121	50.0	377692.0	2.801224	Y
4	STD20 460-771694/7	20.0	59.084826	50.0	396755.0	2.954241	Y
5	STD50 460-771694/8	50.0	140.724385	50.0	416215.0	2.814488	Y
6	STD200 460-771694/9	200.0	601.761467	50.0	429131.0	3.008807	Y
7	STD500 460-771694/10	500.0	1387.79239	50.0	444612.0	2.775585	Y



# Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

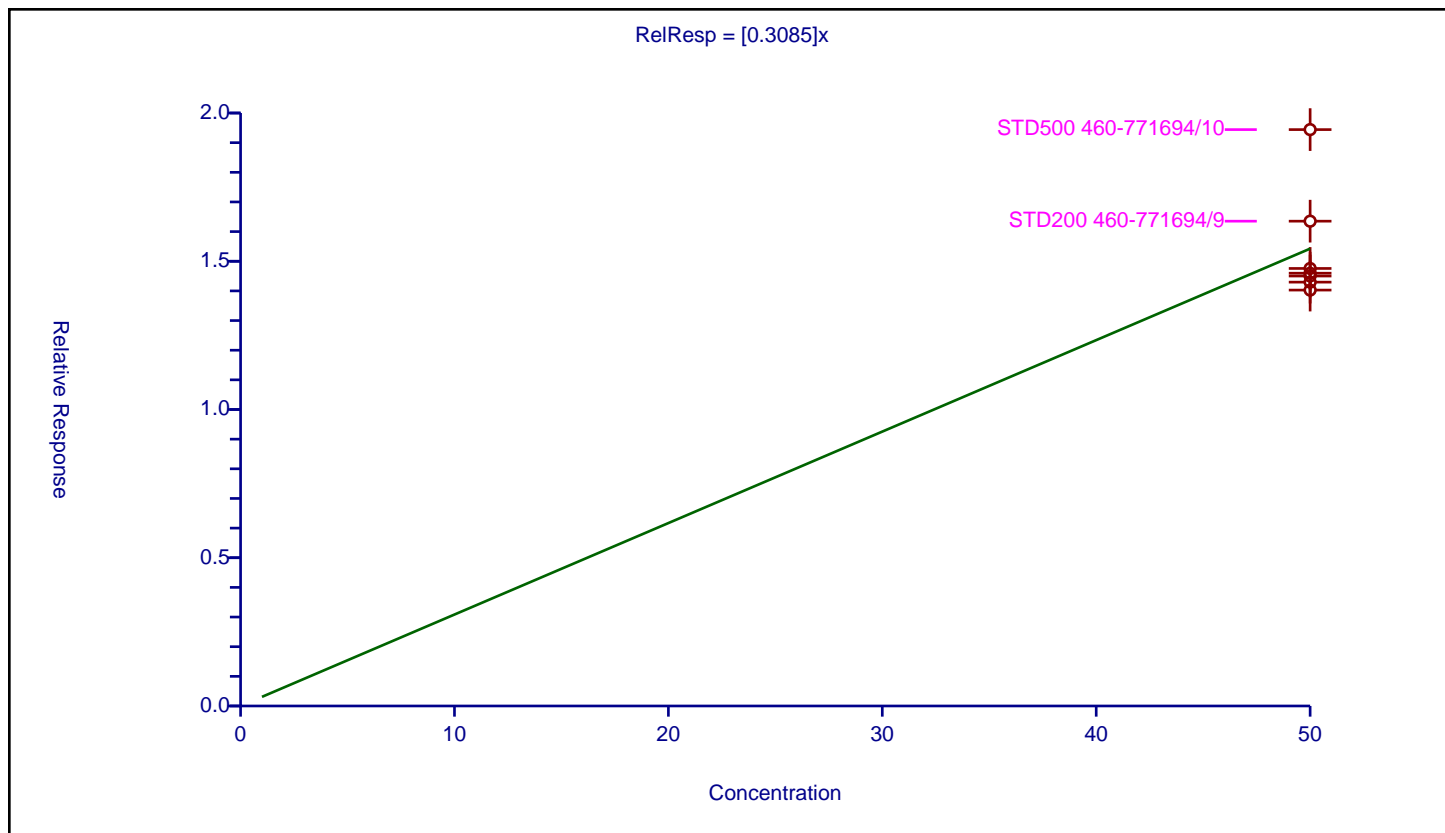
## Curve Coefficients

Intercept: 0  
 Slope: 0.3085

## Error Coefficients

Standard Error: 200000  
 Relative Standard Error: 12.5  
 Correlation Coefficient: 0.00000000000000000000  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	50.0	14.501836	50.0	581485.0	0.290037	Y
2	STD1 460-771694/4	50.0	14.295588	50.0	555563.0	0.285912	Y
3	STD5 460-771694/6	50.0	14.027804	50.0	550578.0	0.280556	Y
4	STD20 460-771694/7	50.0	14.597265	50.0	578283.0	0.291945	Y
5	STD50 460-771694/8	50.0	14.756972	50.0	601885.0	0.295139	Y
6	STD200 460-771694/9	50.0	16.351838	50.0	622878.0	0.327037	Y
7	STD500 460-771694/10	50.0	19.440913	50.0	641135.0	0.388818	Y



## Calibration

/ Isopropyl acetate

Curve Type: Quadratic  
Weighting: None  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

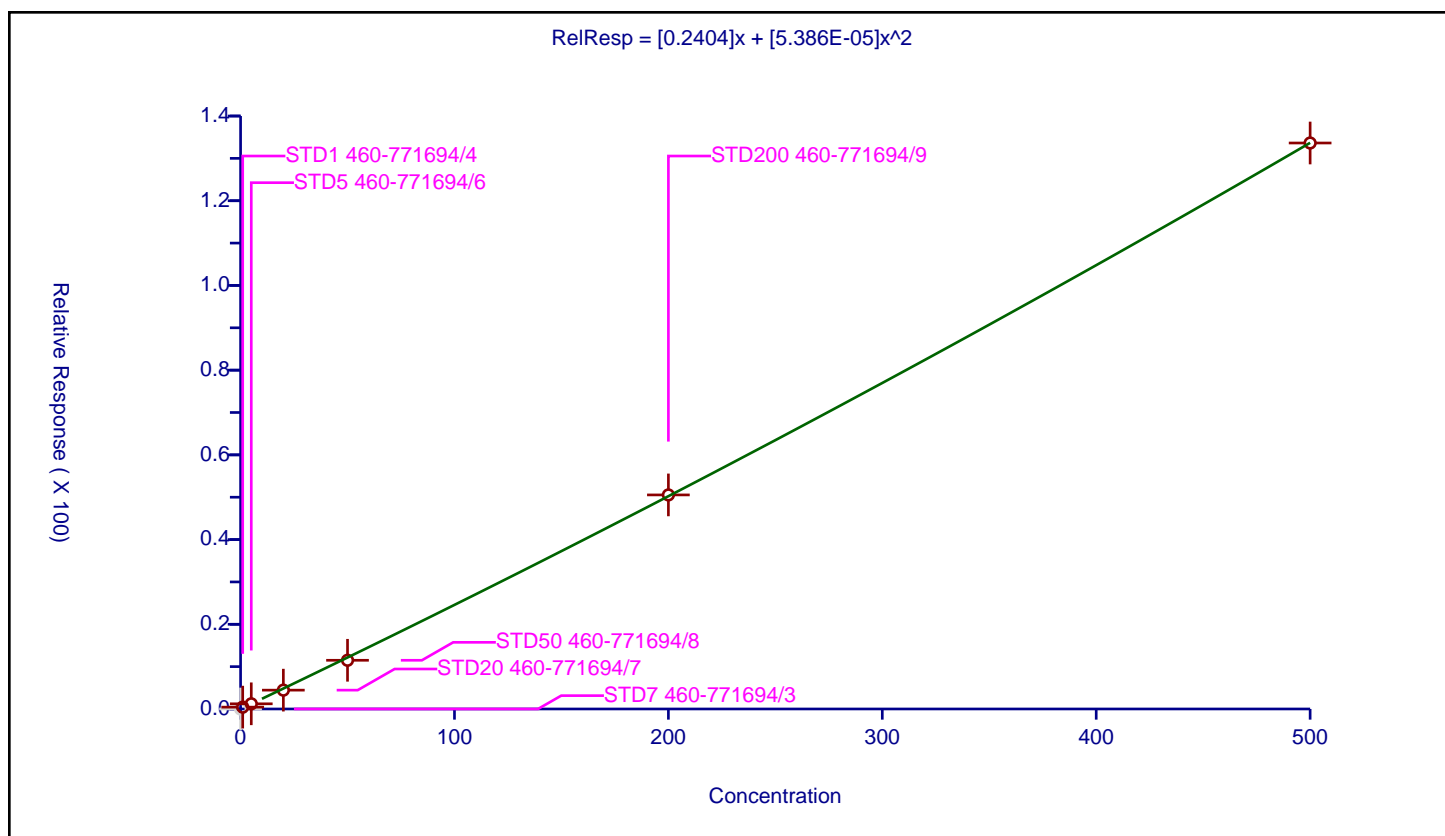
## Curve Coefficients

Intercept: 0  
Slope: 0.2404  
Second Order: 5.386E-05

## Error Coefficients

Standard Error: 916000  
Relative Standard Error: 41.7  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.439734	50.0	555563.0	0.439734	Y
3	STD5 460-771694/6	5.0	1.225349	50.0	550578.0	0.24507	Y
4	STD20 460-771694/7	20.0	4.448946	50.0	578283.0	0.222447	Y
5	STD50 460-771694/8	50.0	11.500453	50.0	601885.0	0.230009	Y
6	STD200 460-771694/9	200.0	50.539913	50.0	622878.0	0.2527	Y
7	STD500 460-771694/10	500.0	133.628487	50.0	641135.0	0.267257	Y



# Calibration

/ Tert-amyl methyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

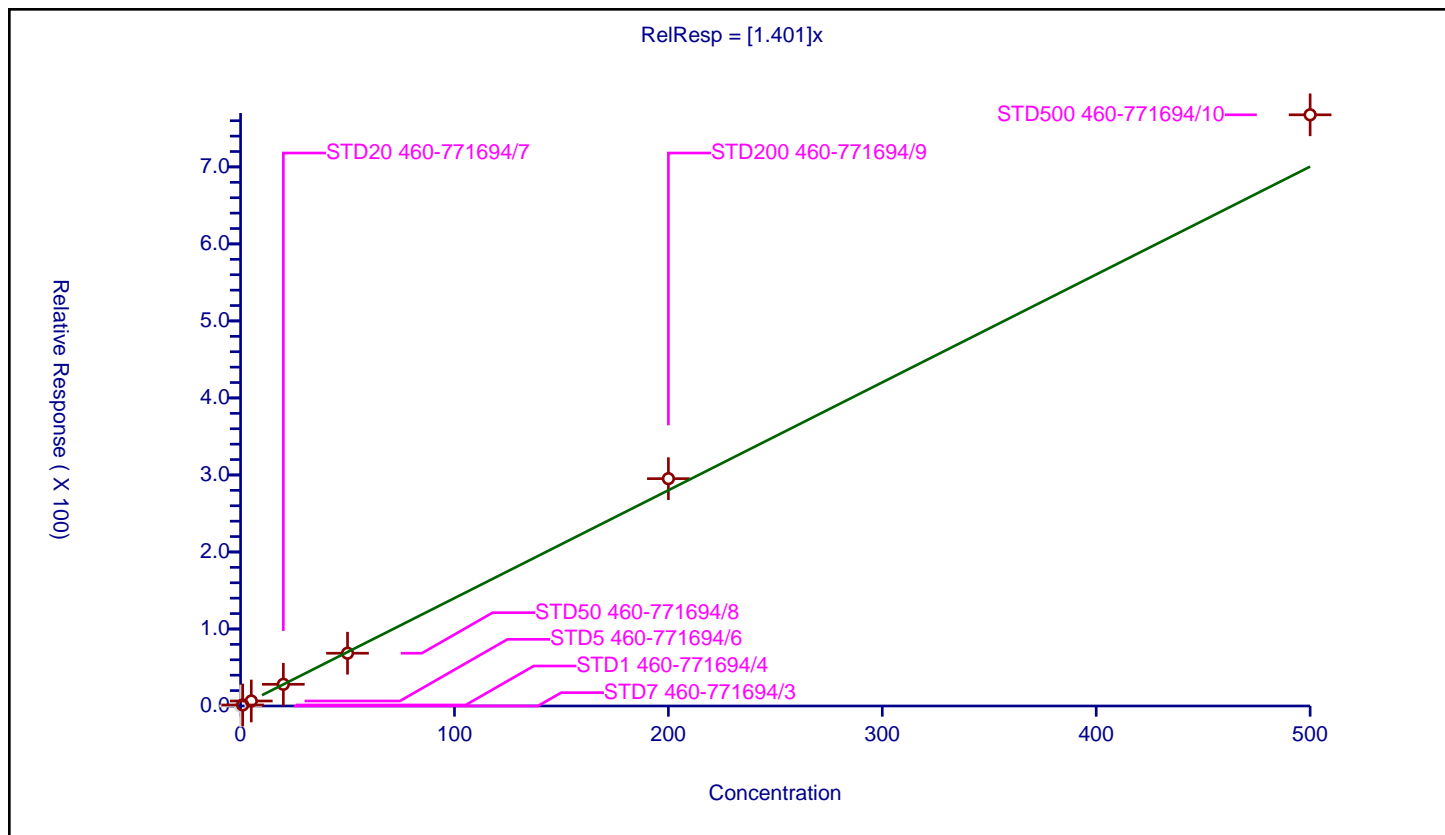
## Curve Coefficients

Intercept: 0  
 Slope: 1.401

## Error Coefficients

Standard Error: 4720000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	1.317582	50.0	555563.0	1.317582	Y
3	STD5 460-771694/6	5.0	6.48246	50.0	550578.0	1.296492	Y
4	STD20 460-771694/7	20.0	28.184557	50.0	578283.0	1.409228	Y
5	STD50 460-771694/8	50.0	68.497803	50.0	601885.0	1.369956	Y
6	STD200 460-771694/9	200.0	295.206605	50.0	622878.0	1.476033	Y
7	STD500 460-771694/10	500.0	767.691594	50.0	641135.0	1.535383	Y



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

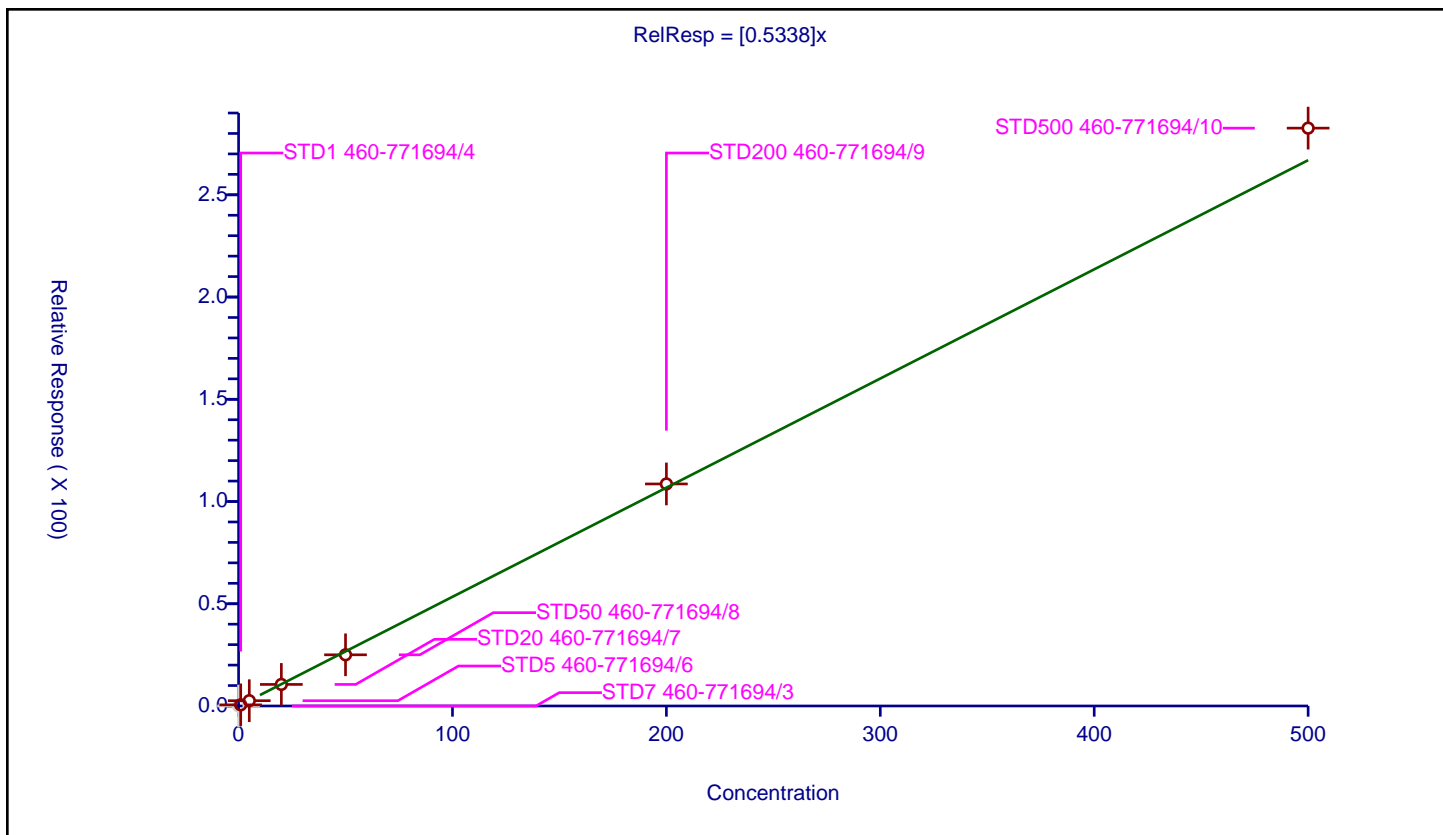
## Curve Coefficients

Intercept: 0  
 Slope: 0.5338

## Error Coefficients

Standard Error: 1740000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.550433	50.0	555563.0	0.550433	Y
3	STD5 460-771694/6	5.0	2.583739	50.0	550578.0	0.516748	Y
4	STD20 460-771694/7	20.0	10.537747	50.0	578283.0	0.526887	Y
5	STD50 460-771694/8	50.0	25.038172	50.0	601885.0	0.500763	Y
6	STD200 460-771694/9	200.0	108.597189	50.0	622878.0	0.542986	Y
7	STD500 460-771694/10	500.0	282.601324	50.0	641135.0	0.565203	Y



# Calibration

/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

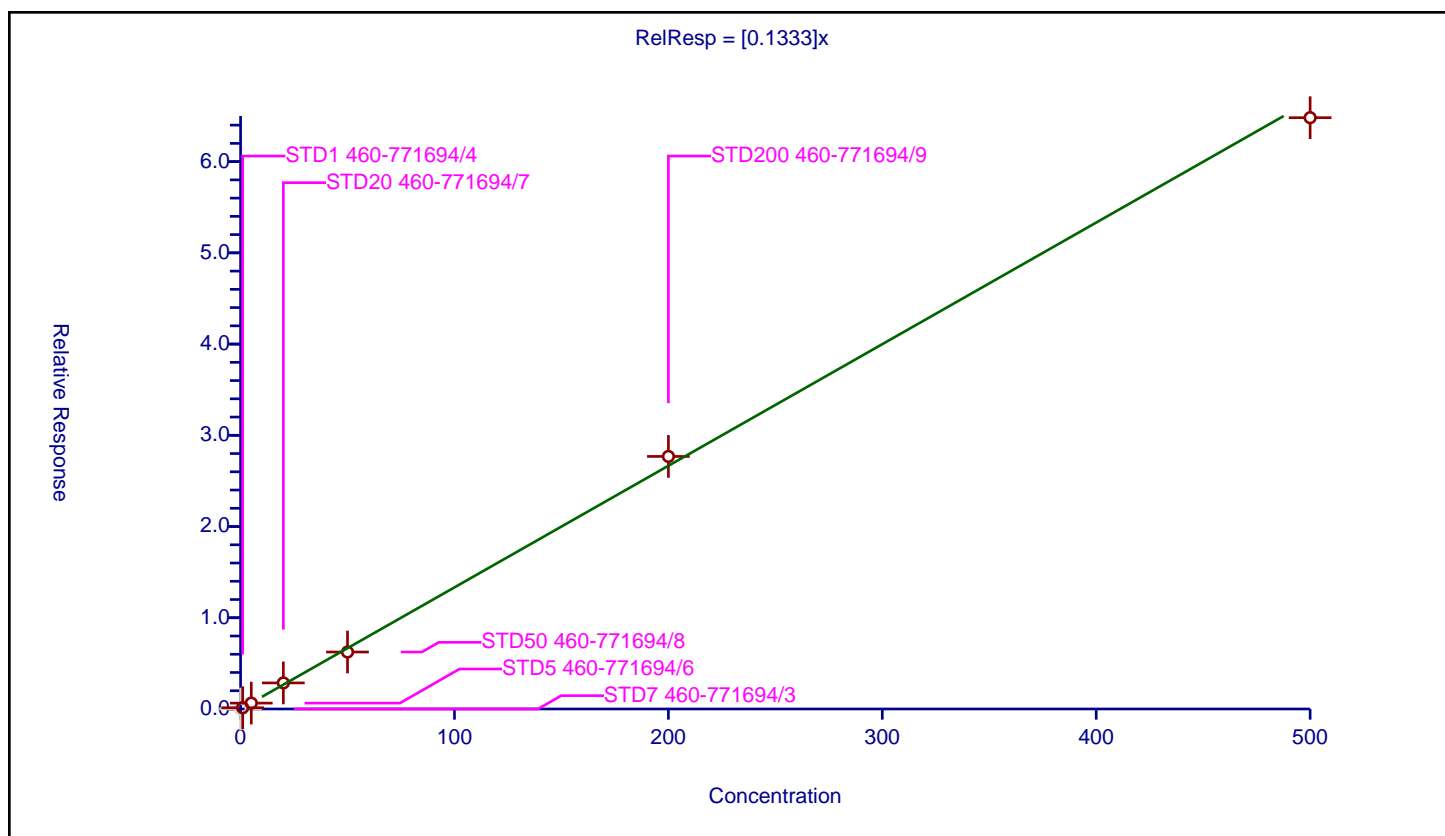
## Curve Coefficients

Intercept: 0  
 Slope: 0.1333

## Error Coefficients

Standard Error: 404000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.135178	50.0	555563.0	0.135178	Y
3	STD5 460-771694/6	5.0	0.643778	50.0	550578.0	0.128756	Y
4	STD20 460-771694/7	20.0	2.857943	50.0	578283.0	0.142897	Y
5	STD50 460-771694/8	50.0	6.244382	50.0	601885.0	0.124888	Y
6	STD200 460-771694/9	200.0	27.684394	50.0	622878.0	0.138422	Y
7	STD500 460-771694/10	500.0	64.81638	50.0	641135.0	0.129633	Y



# Calibration

/ n-Butanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

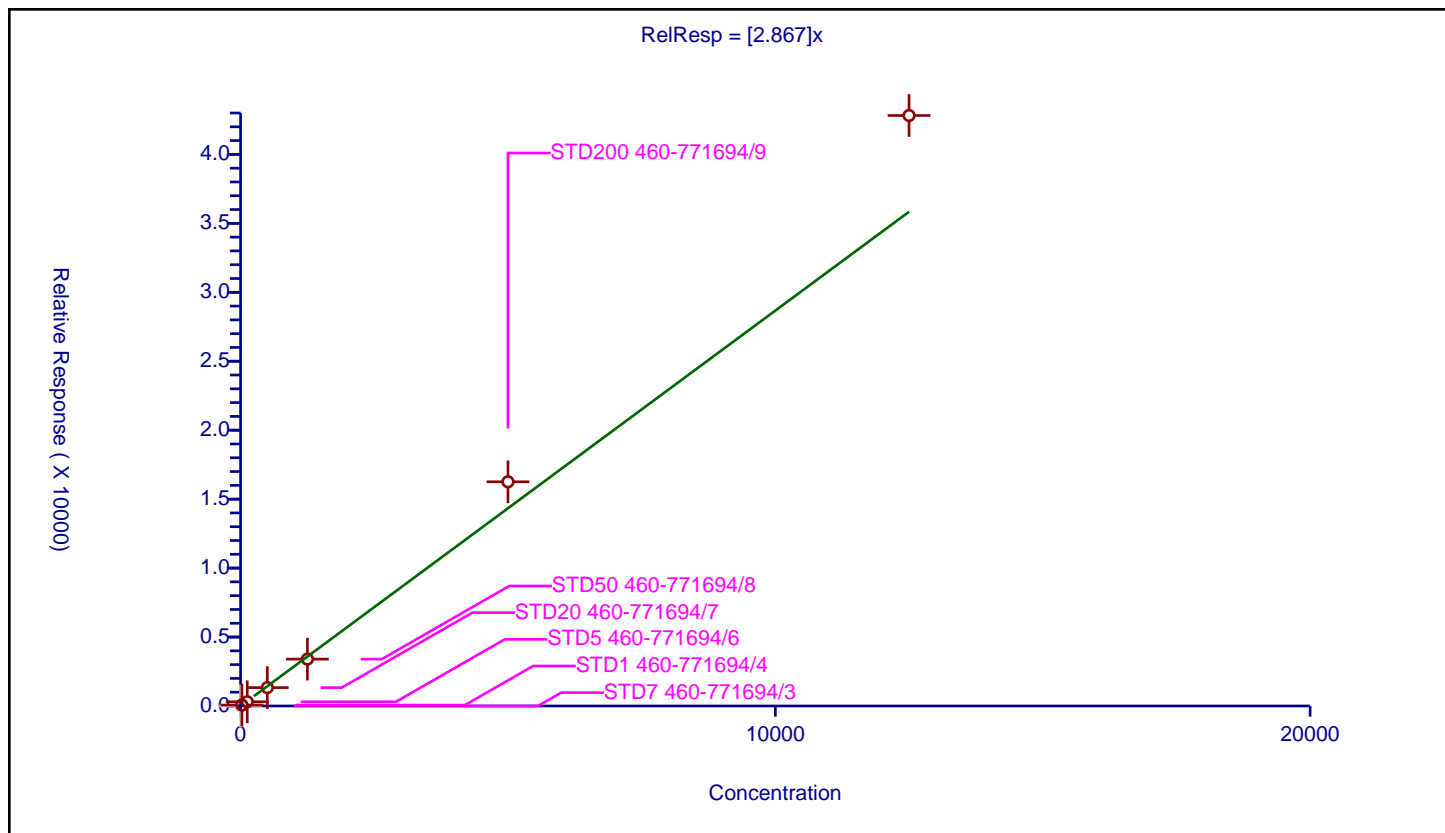
## Curve Coefficients

Intercept: 0  
 Slope: 2.867

## Error Coefficients

Standard Error: 995000  
 Relative Standard Error: 13.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	40248.0	NaN	N
2	STD1 460-771694/4	25.0	67.119521	1000.0	37098.0	2.684781	Y
3	STD5 460-771694/6	125.0	307.353223	1000.0	31306.0	2.458826	Y
4	STD20 460-771694/7	500.0	1331.456419	1000.0	39604.0	2.662913	Y
5	STD50 460-771694/8	1250.0	3399.021363	1000.0	41895.0	2.719217	Y
6	STD200 460-771694/9	5000.0	16257.231837	1000.0	47844.0	3.251446	Y
7	STD500 460-771694/10	12500.0	42819.332311	1000.0	49544.0	3.425547	Y



# Calibration

/ Trichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

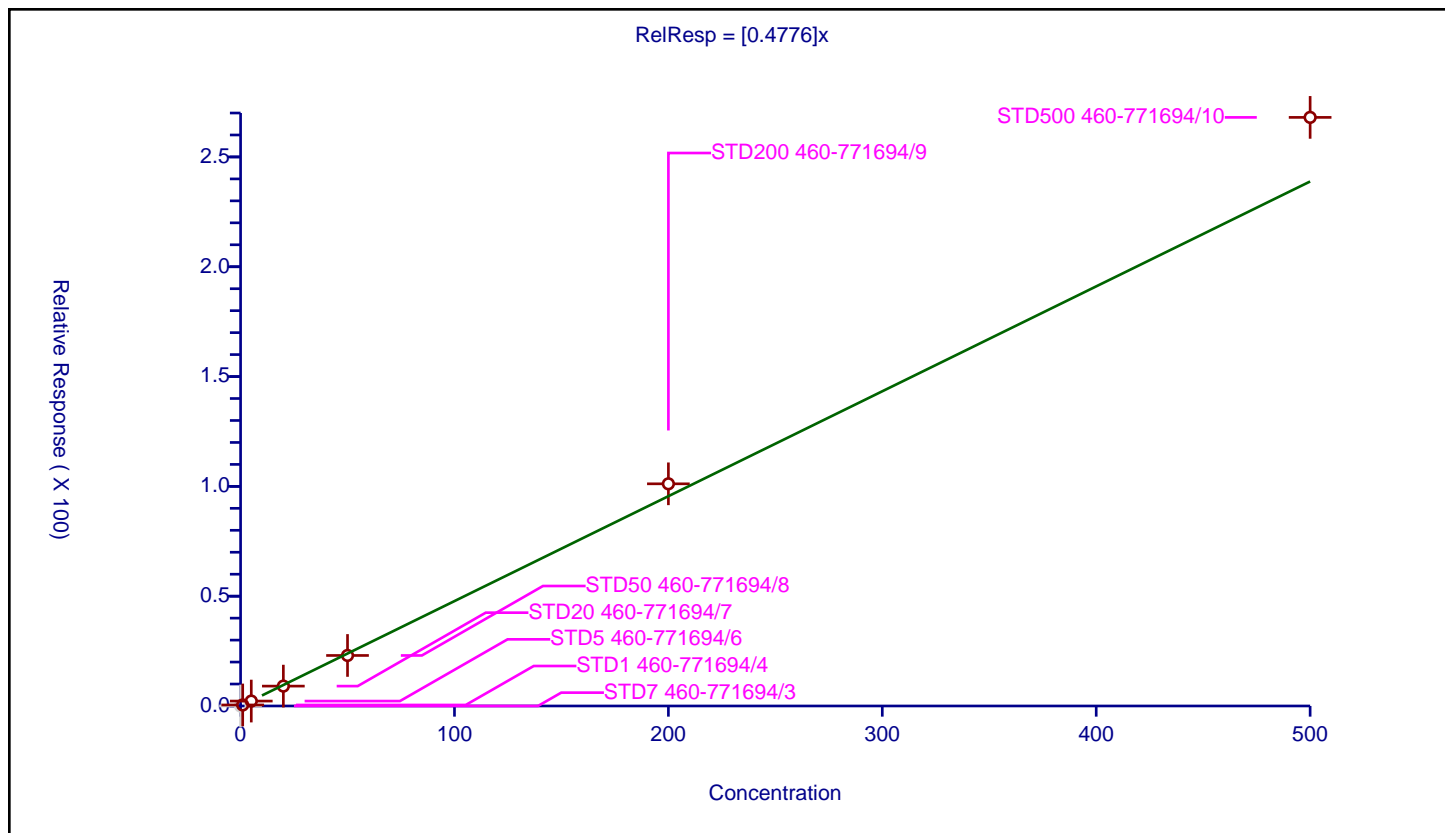
## Curve Coefficients

Intercept: 0  
 Slope: 0.4776

## Error Coefficients

Standard Error: 1640000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.462324	50.0	555563.0	0.462324	Y
3	STD5 460-771694/6	5.0	2.246276	50.0	550578.0	0.449255	Y
4	STD20 460-771694/7	20.0	9.048079	50.0	578283.0	0.452404	Y
5	STD50 460-771694/8	50.0	23.003481	50.0	601885.0	0.46007	Y
6	STD200 460-771694/9	200.0	101.163069	50.0	622878.0	0.505815	Y
7	STD500 460-771694/10	500.0	268.004398	50.0	641135.0	0.536009	Y





# Calibration

/ Ethyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

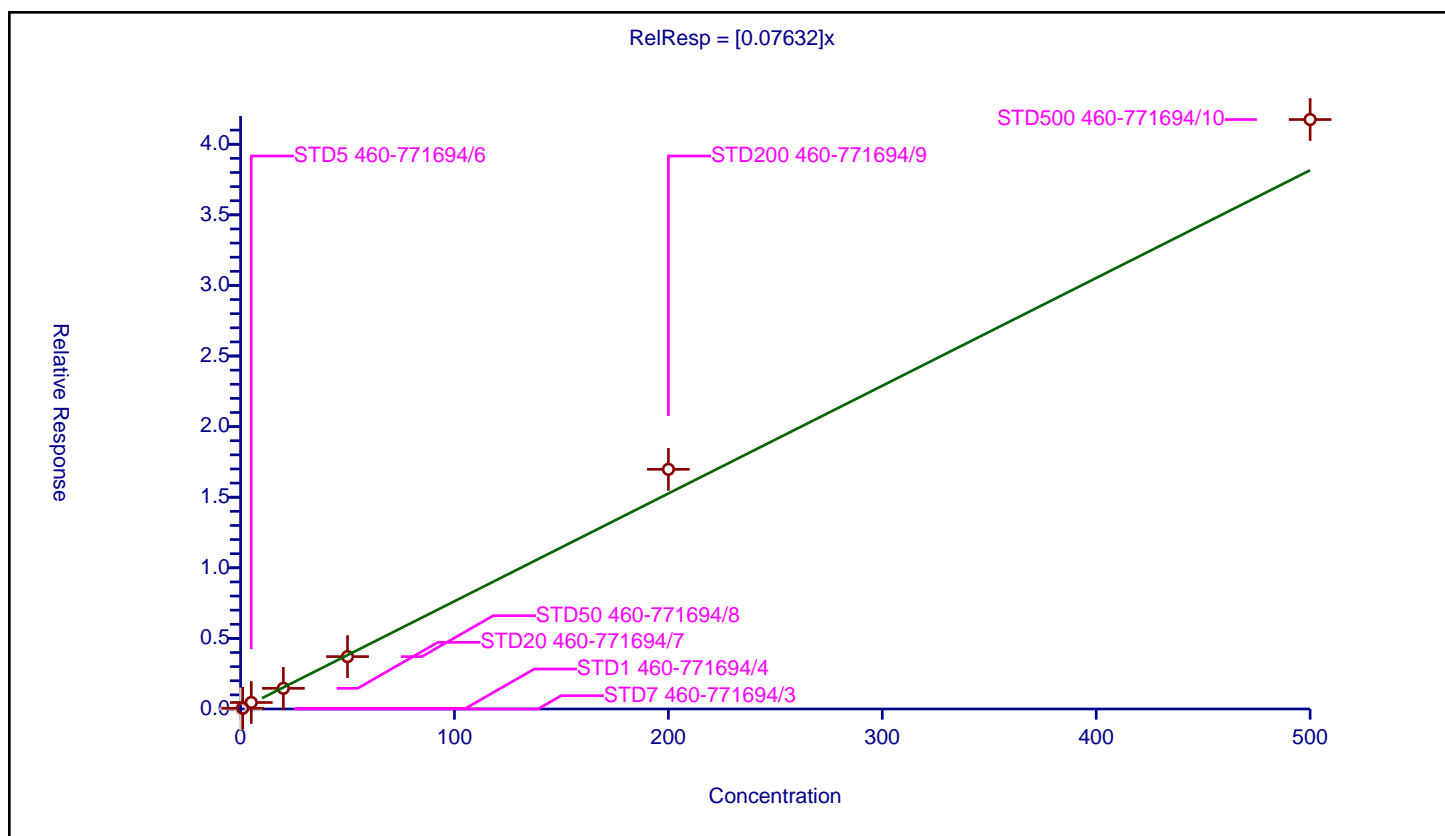
## Curve Coefficients

Intercept: 0  
 Slope: 0.07632

## Error Coefficients

Standard Error: 258000  
 Relative Standard Error: 19.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.050129	50.0	555563.0	0.050129	Y
3	STD5 460-771694/6	5.0	0.460153	50.0	550578.0	0.092031	Y
4	STD20 460-771694/7	20.0	1.463297	50.0	578283.0	0.073165	Y
5	STD50 460-771694/8	50.0	3.710759	50.0	601885.0	0.074215	Y
6	STD200 460-771694/9	200.0	16.97411	50.0	622878.0	0.084871	Y
7	STD500 460-771694/10	500.0	41.750021	50.0	641135.0	0.0835	Y



# Calibration

/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

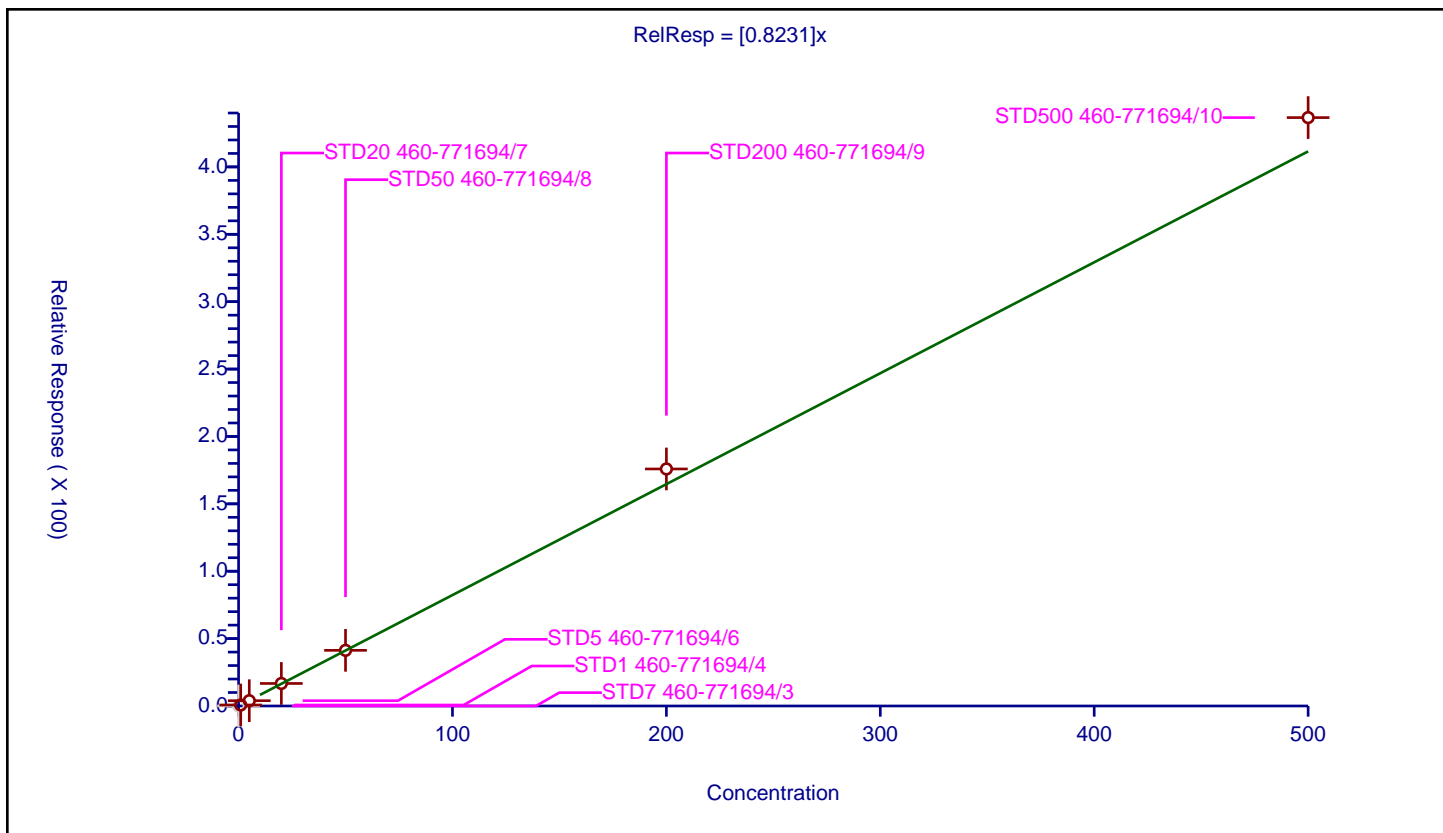
## Curve Coefficients

Intercept: 0  
 Slope: 0.8231

## Error Coefficients

Standard Error: 2700000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.73898	50.0	555563.0	0.73898	Y
3	STD5 460-771694/6	5.0	3.930233	50.0	550578.0	0.786047	Y
4	STD20 460-771694/7	20.0	16.70471	50.0	578283.0	0.835236	Y
5	STD50 460-771694/8	50.0	41.276988	50.0	601885.0	0.82554	Y
6	STD200 460-771694/9	200.0	175.877379	50.0	622878.0	0.879387	Y
7	STD500 460-771694/10	500.0	436.601574	50.0	641135.0	0.873203	Y



# Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

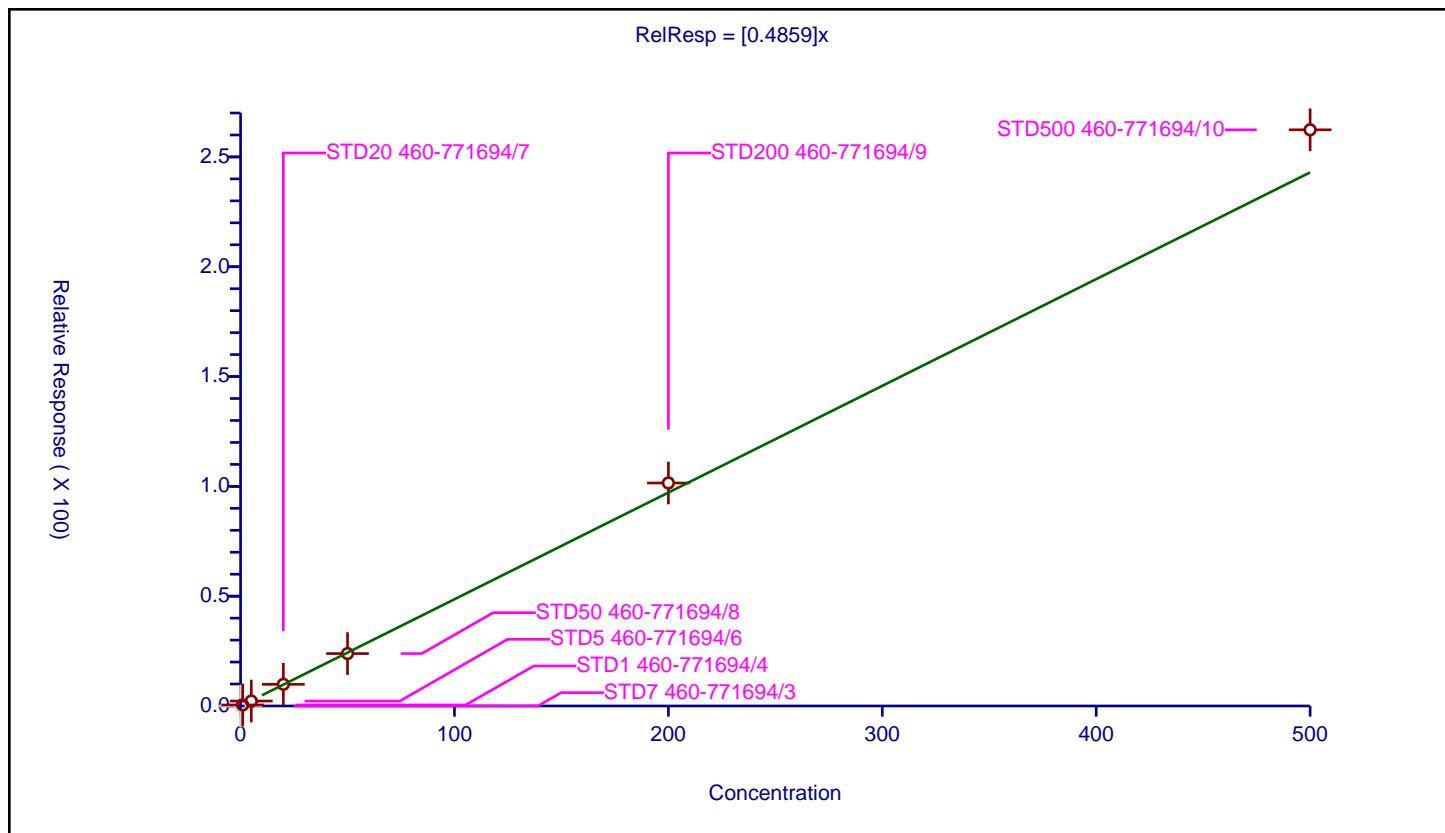
## Curve Coefficients

Intercept: 0  
 Slope: 0.4859

## Error Coefficients

Standard Error: 1610000  
 Relative Standard Error: 5.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.462414	50.0	555563.0	0.462414	Y
3	STD5 460-771694/6	5.0	2.250544	50.0	550578.0	0.450109	Y
4	STD20 460-771694/7	20.0	9.867401	50.0	578283.0	0.49337	Y
5	STD50 460-771694/8	50.0	23.860455	50.0	601885.0	0.477209	Y
6	STD200 460-771694/9	200.0	101.544845	50.0	622878.0	0.507724	Y
7	STD500 460-771694/10	500.0	262.350051	50.0	641135.0	0.5247	Y



# Calibration

/ Methyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

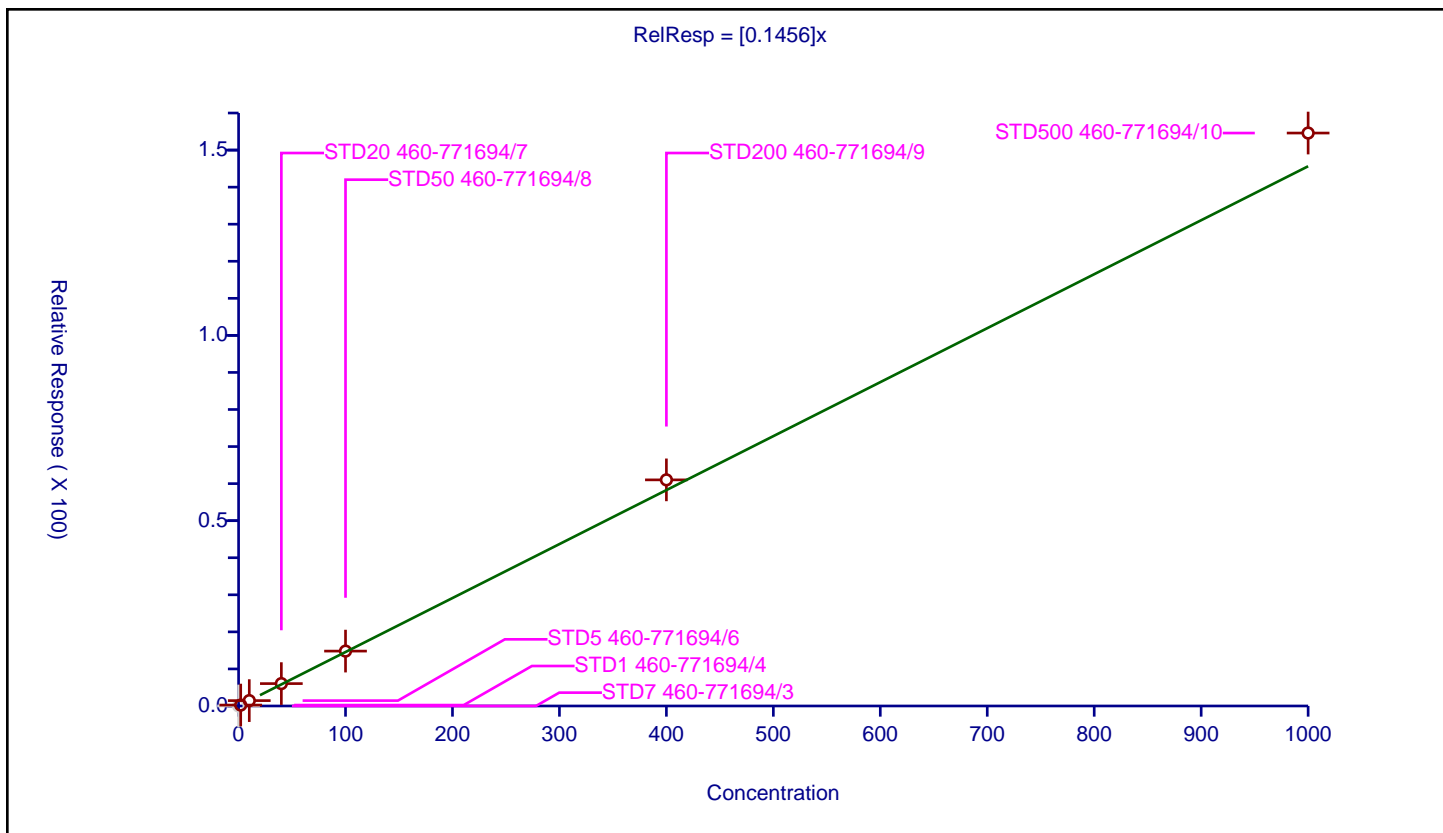
## Curve Coefficients

Intercept: 0  
 Slope: 0.1456

## Error Coefficients

Standard Error: 953000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	2.0	0.245787	50.0	555563.0	0.122893	Y
3	STD5 460-771694/6	10.0	1.447025	50.0	550578.0	0.144702	Y
4	STD20 460-771694/7	40.0	6.037961	50.0	578283.0	0.150949	Y
5	STD50 460-771694/8	100.0	14.808477	50.0	601885.0	0.148085	Y
6	STD200 460-771694/9	400.0	61.016684	50.0	622878.0	0.152542	Y
7	STD500 460-771694/10	1000.0	154.593962	50.0	641135.0	0.154594	Y



# Calibration

/ 1,4-Dioxane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

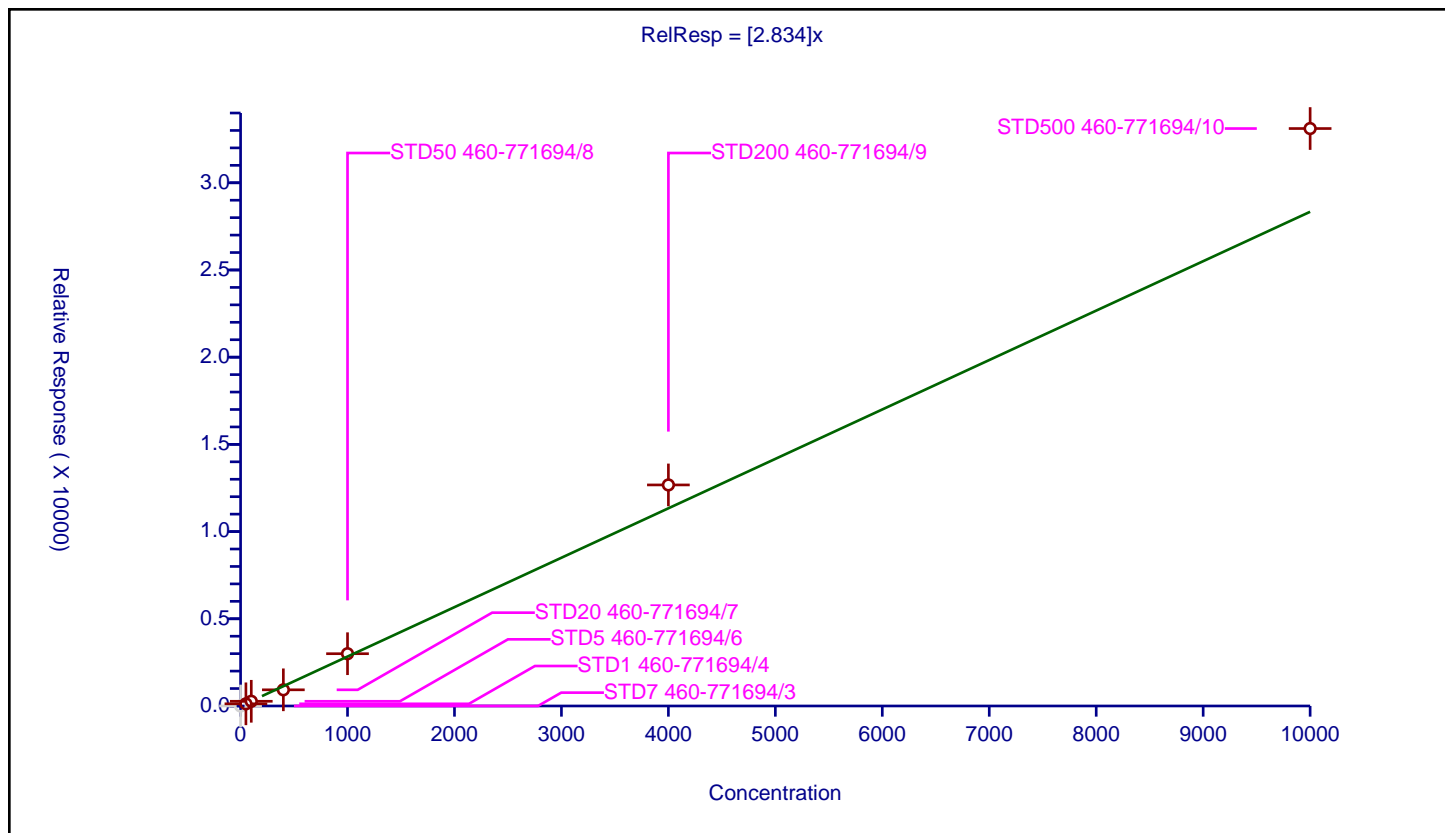
## Curve Coefficients

Intercept: 0  
 Slope: 2.834

## Error Coefficients

Standard Error: 332000  
 Relative Standard Error: 13.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	1000.0	29660.0	NaN	N
2	STD1 460-771694/4	50.000062	125.15445	1000.0	25089.0	2.503086	Y
3	STD5 460-771694/6	100.0	270.194553	1000.0	25700.0	2.701946	Y
4	STD20 460-771694/7	400.0	928.027556	1000.0	27580.0	2.320069	Y
5	STD50 460-771694/8	1000.0	2997.310149	1000.0	20819.0	2.99731	Y
6	STD200 460-771694/9	4000.0	12674.915849	1000.0	21093.0	3.168729	Y
7	STD500 460-771694/10	10000.0	33109.82659	1000.0	21798.0	3.310983	Y



# Calibration

/ n-Propyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

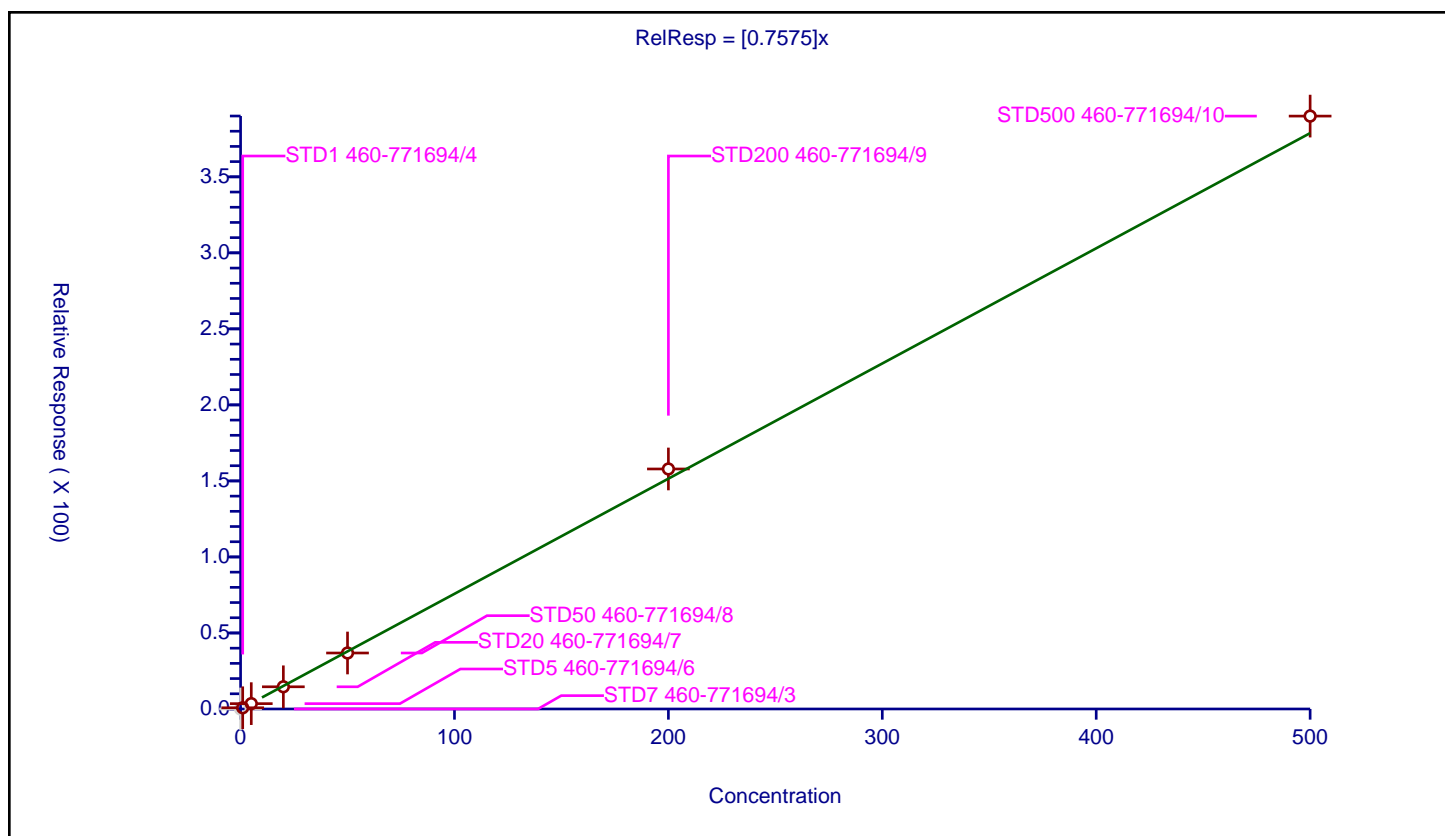
## Curve Coefficients

Intercept: 0  
 Slope: 0.7575

## Error Coefficients

Standard Error: 2410000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.805579	50.0	555563.0	0.805579	Y
3	STD5 460-771694/6	5.0	3.517849	50.0	550578.0	0.70357	Y
4	STD20 460-771694/7	20.0	14.604528	50.0	578283.0	0.730226	Y
5	STD50 460-771694/8	50.0	36.820738	50.0	601885.0	0.736415	Y
6	STD200 460-771694/9	200.0	157.85234	50.0	622878.0	0.789262	Y
7	STD500 460-771694/10	500.0	389.952428	50.0	641135.0	0.779905	Y



# Calibration

/ Dibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

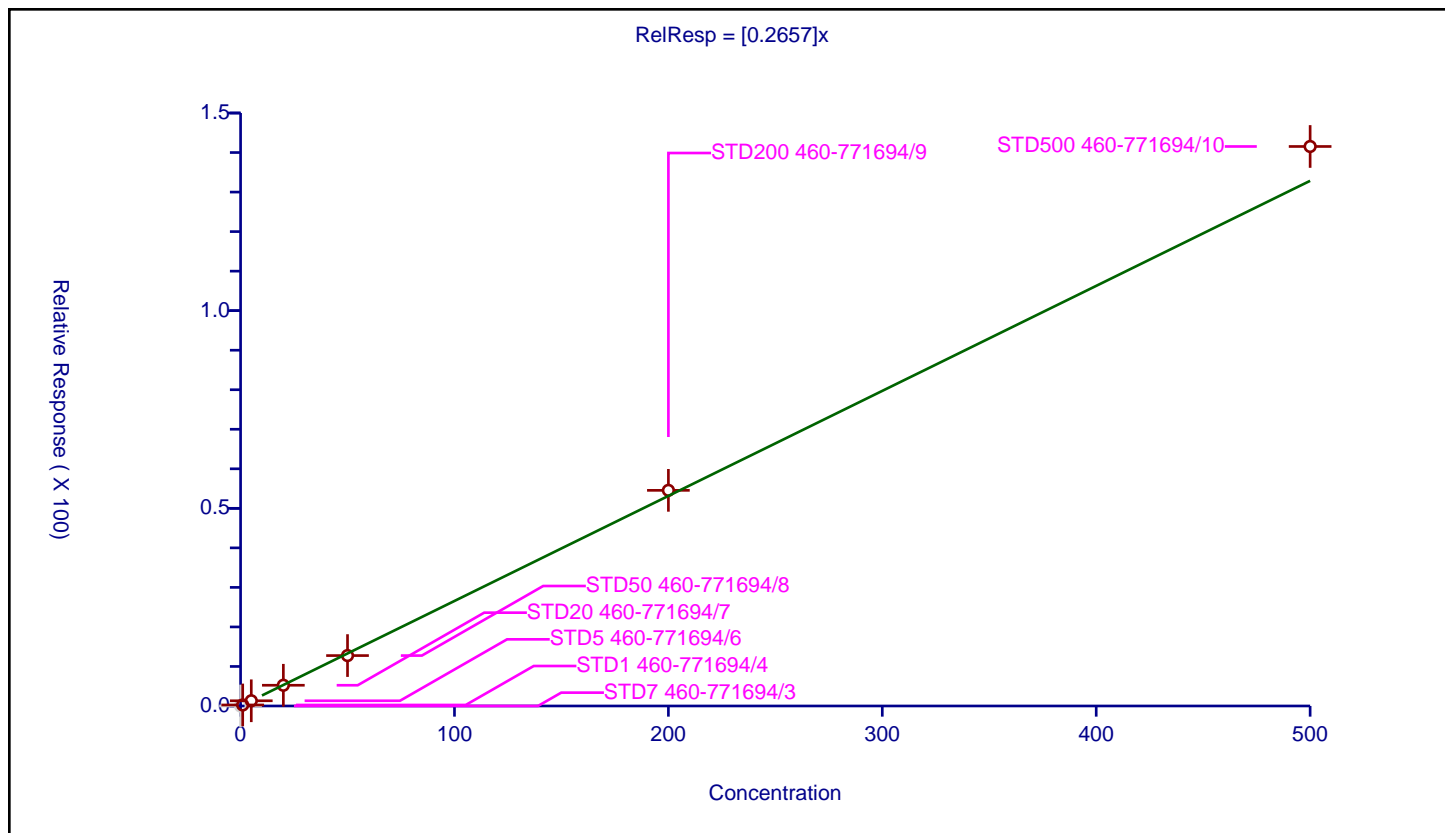
## Curve Coefficients

Intercept: 0  
 Slope: 0.2657

## Error Coefficients

Standard Error: 870000  
 Relative Standard Error: 4.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.256587	50.0	555563.0	0.256587	Y
3	STD5 460-771694/6	5.0	1.321793	50.0	550578.0	0.264359	Y
4	STD20 460-771694/7	20.0	5.247085	50.0	578283.0	0.262354	Y
5	STD50 460-771694/8	50.0	12.752021	50.0	601885.0	0.25504	Y
6	STD200 460-771694/9	200.0	54.548001	50.0	622878.0	0.27274	Y
7	STD500 460-771694/10	500.0	141.536728	50.0	641135.0	0.283073	Y



# Calibration

/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

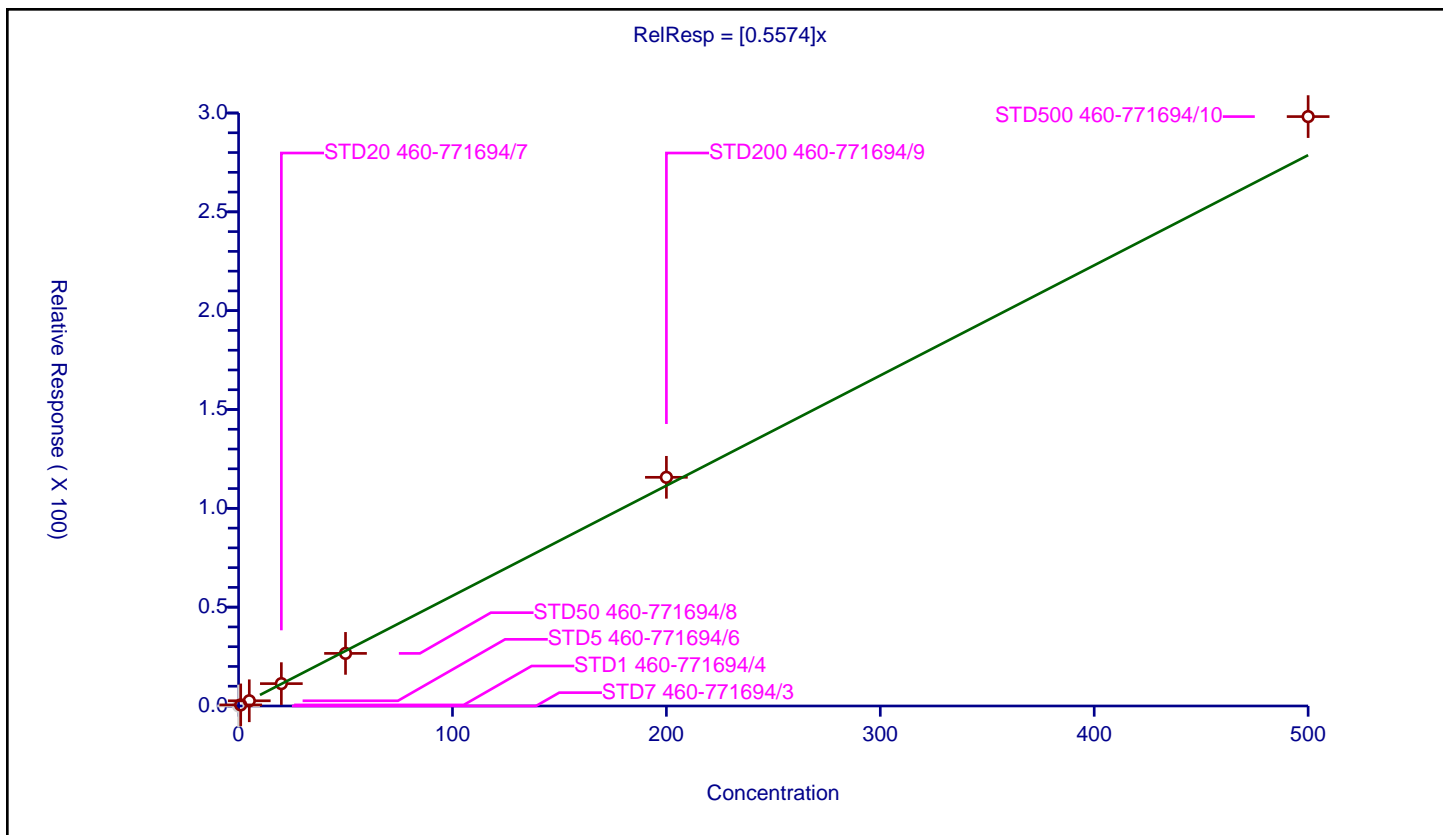
## Curve Coefficients

Intercept: 0  
 Slope: 0.5574

## Error Coefficients

Standard Error: 1830000  
 Relative Standard Error: 4.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0	0.545123	50.0	555563.0	0.545123	Y
3	STD5 460-771694/6	5.0	2.632779	50.0	550578.0	0.526556	Y
4	STD20 460-771694/7	20.0	11.311763	50.0	578283.0	0.565588	Y
5	STD50 460-771694/8	50.0	26.606578	50.0	601885.0	0.532132	Y
6	STD200 460-771694/9	200.0	115.689509	50.0	622878.0	0.578448	Y
7	STD500 460-771694/10	500.0	298.196246	50.0	641135.0	0.596392	Y





## Calibration

/ 2-Nitropropane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

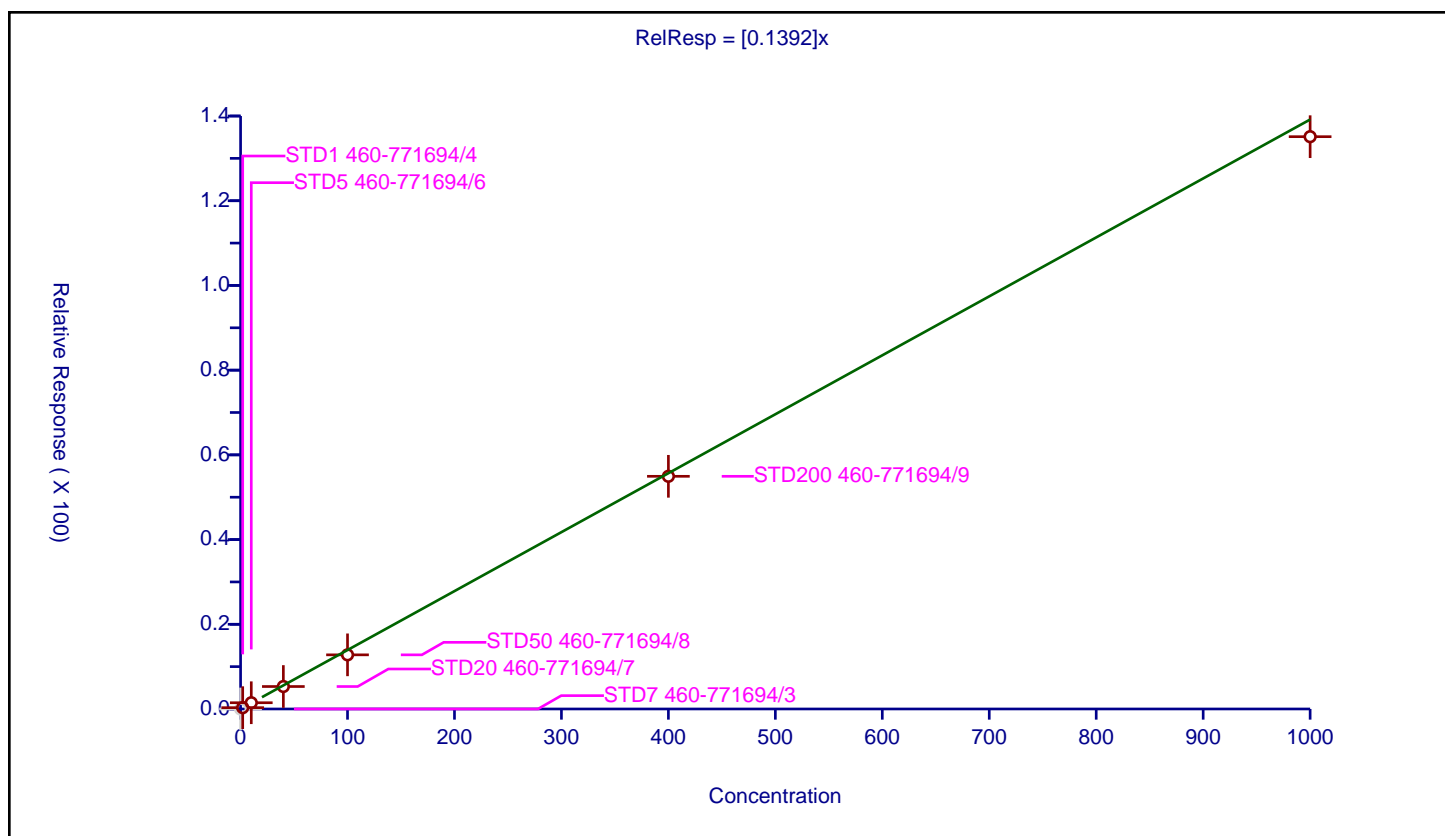
## Curve Coefficients

Intercept: 0  
Slope: 0.1392

## Error Coefficients

Standard Error: 836000  
Relative Standard Error: 7.2  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	2.0	0.309146	50.0	555563.0	0.154573	Y
3	STD5 460-771694/6	10.0	1.475904	50.0	550578.0	0.14759	Y
4	STD20 460-771694/7	40.0	5.302162	50.0	578283.0	0.132554	Y
5	STD50 460-771694/8	100.0	12.785914	50.0	601885.0	0.127859	Y
6	STD200 460-771694/9	400.0	54.934112	50.0	622878.0	0.137335	Y
7	STD500 460-771694/10	1000.0	135.117643	50.0	641135.0	0.135118	Y



# Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

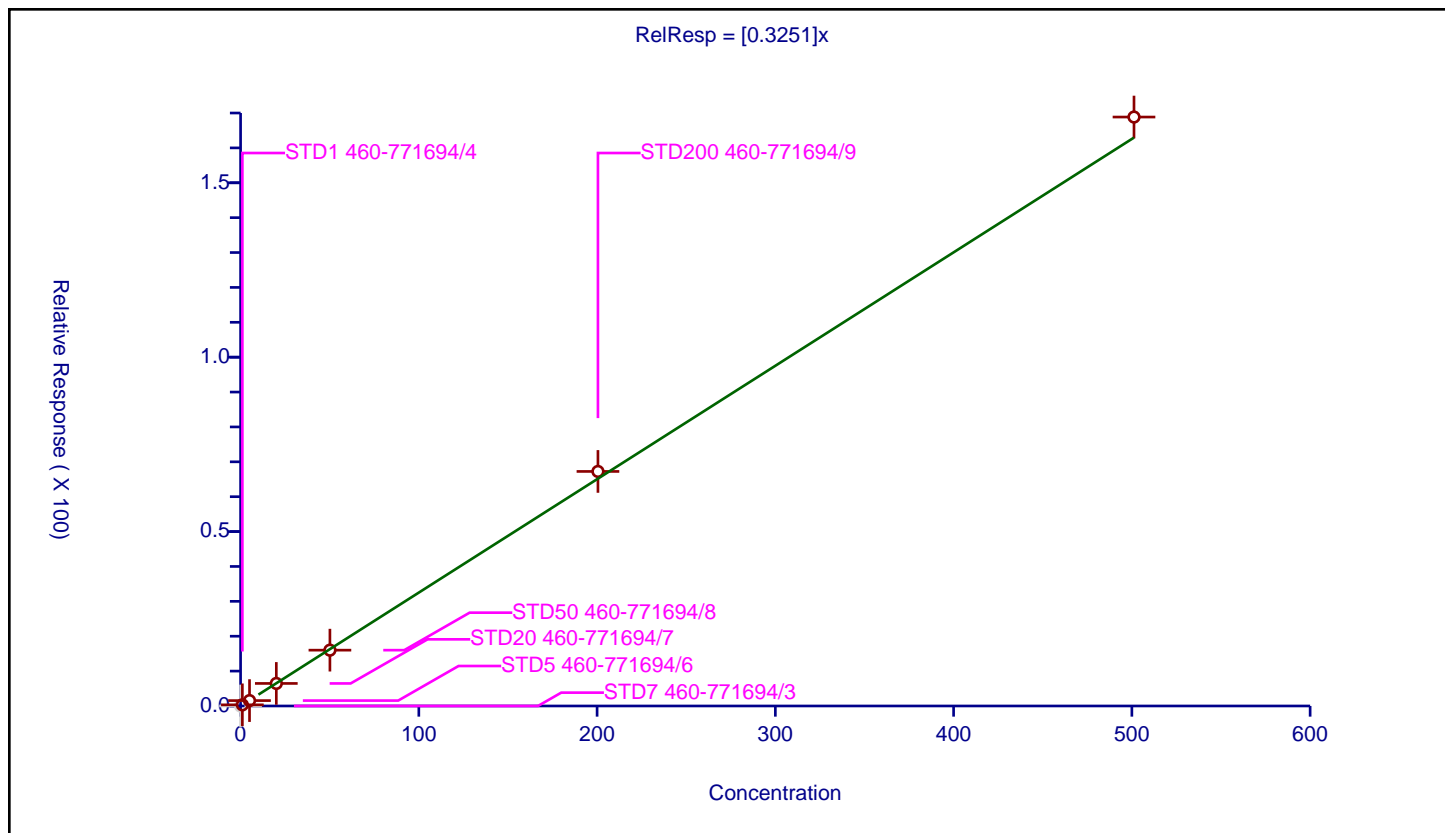
## Curve Coefficients

Intercept: 0  
 Slope: 0.3251

## Error Coefficients

Standard Error: 1040000  
 Relative Standard Error: 3.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	581485.0	NaN	N
2	STD1 460-771694/4	1.0024	0.328766	50.0	555563.0	0.327978	Y
3	STD5 460-771694/6	5.012	1.546557	50.0	550578.0	0.308571	Y
4	STD20 460-771694/7	20.048	6.466557	50.0	578283.0	0.322554	Y
5	STD50 460-771694/8	50.12	16.007128	50.0	601885.0	0.319376	Y
6	STD200 460-771694/9	200.48	67.241498	50.0	622878.0	0.335403	Y
7	STD500 460-771694/10	501.2	168.849306	50.0	641135.0	0.33689	Y



# Calibration

/ Epichlorohydrin

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

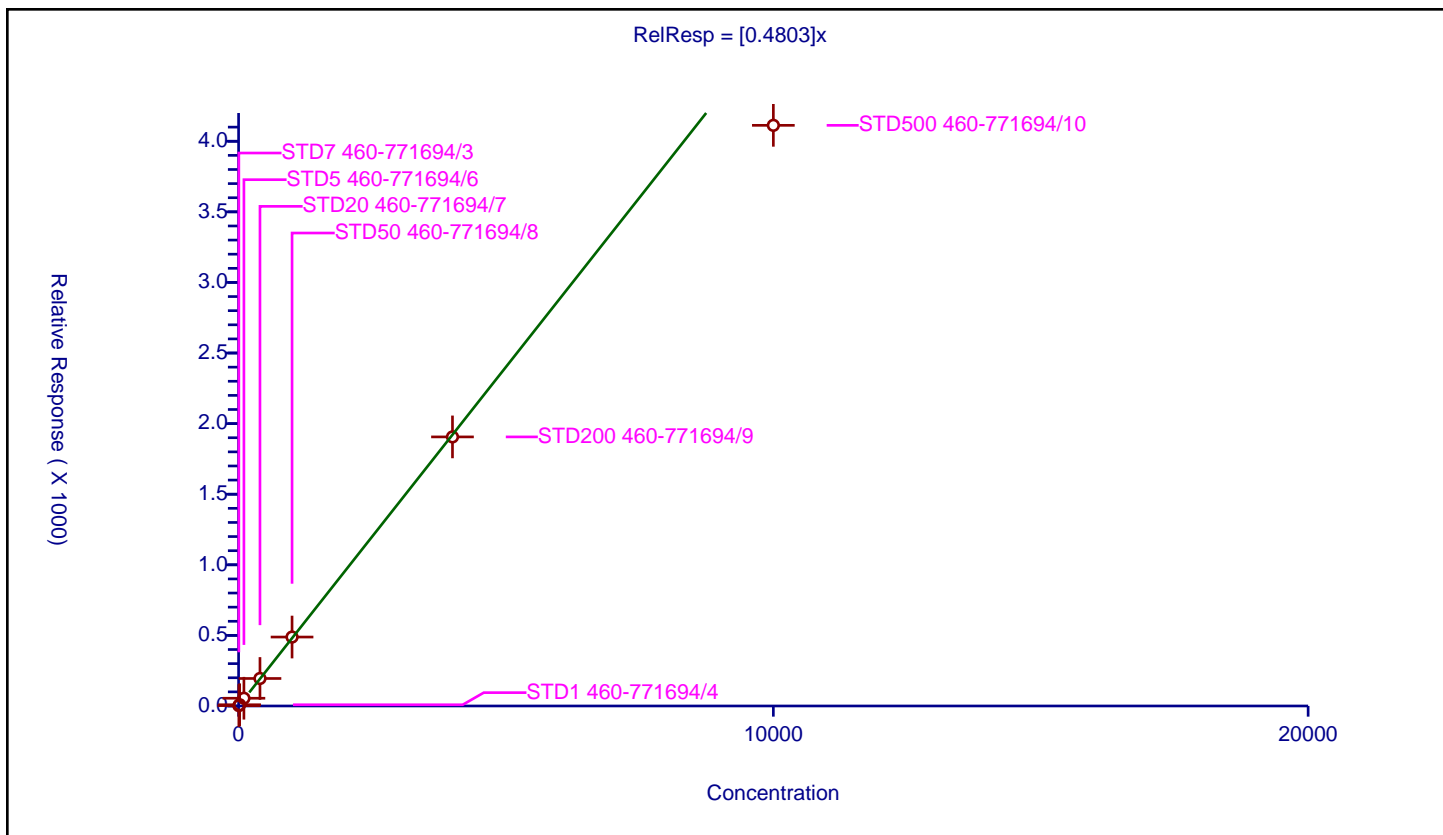
## Curve Coefficients

Intercept: 0  
 Slope: 0.4803

## Error Coefficients

Standard Error: 3040000  
 Relative Standard Error: 9.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	5.000009	2.551309	250.0	309547.0	0.510261	Y
2	STD1 460-771694/4	20.000035	8.802016	250.0	285730.0	0.4401	Y
3	STD5 460-771694/6	100.000173	54.865349	250.0	261194.0	0.548653	Y
4	STD20 460-771694/7	400.000692	194.861274	250.0	315010.0	0.487152	Y
5	STD50 460-771694/8	1000.00173	488.294715	250.0	327822.0	0.488294	Y
6	STD200 460-771694/9	4000.00692	1905.807672	250.0	367445.0	0.476451	Y
7	STD500 460-771694/10	10000.0173	4112.689584	250.0	417756.0	0.411268	Y



# Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

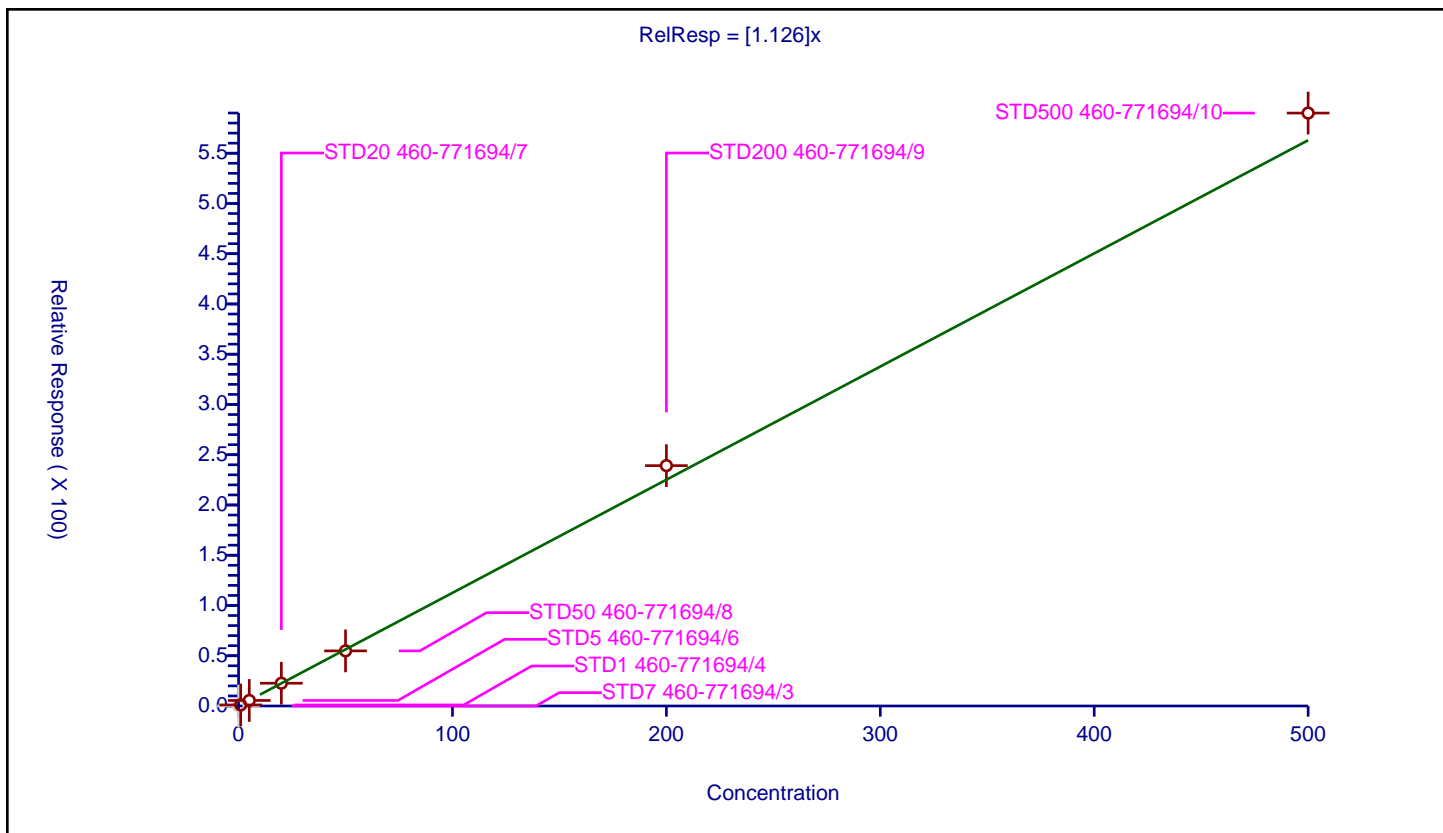
## Curve Coefficients

Intercept: 0  
 Slope: 1.126

## Error Coefficients

Standard Error: 2530000  
 Relative Standard Error: 4.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	1.048699	50.0	374893.0	1.048699	Y
3	STD5 460-771694/6	5.0	5.506471	50.0	377692.0	1.101294	Y
4	STD20 460-771694/7	20.0	22.651006	50.0	396755.0	1.13255	Y
5	STD50 460-771694/8	50.0	54.82455	50.0	416215.0	1.096491	Y
6	STD200 460-771694/9	200.0	239.141661	50.0	429131.0	1.195708	Y
7	STD500 460-771694/10	500.0	589.934145	50.0	444612.0	1.179868	Y



# Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

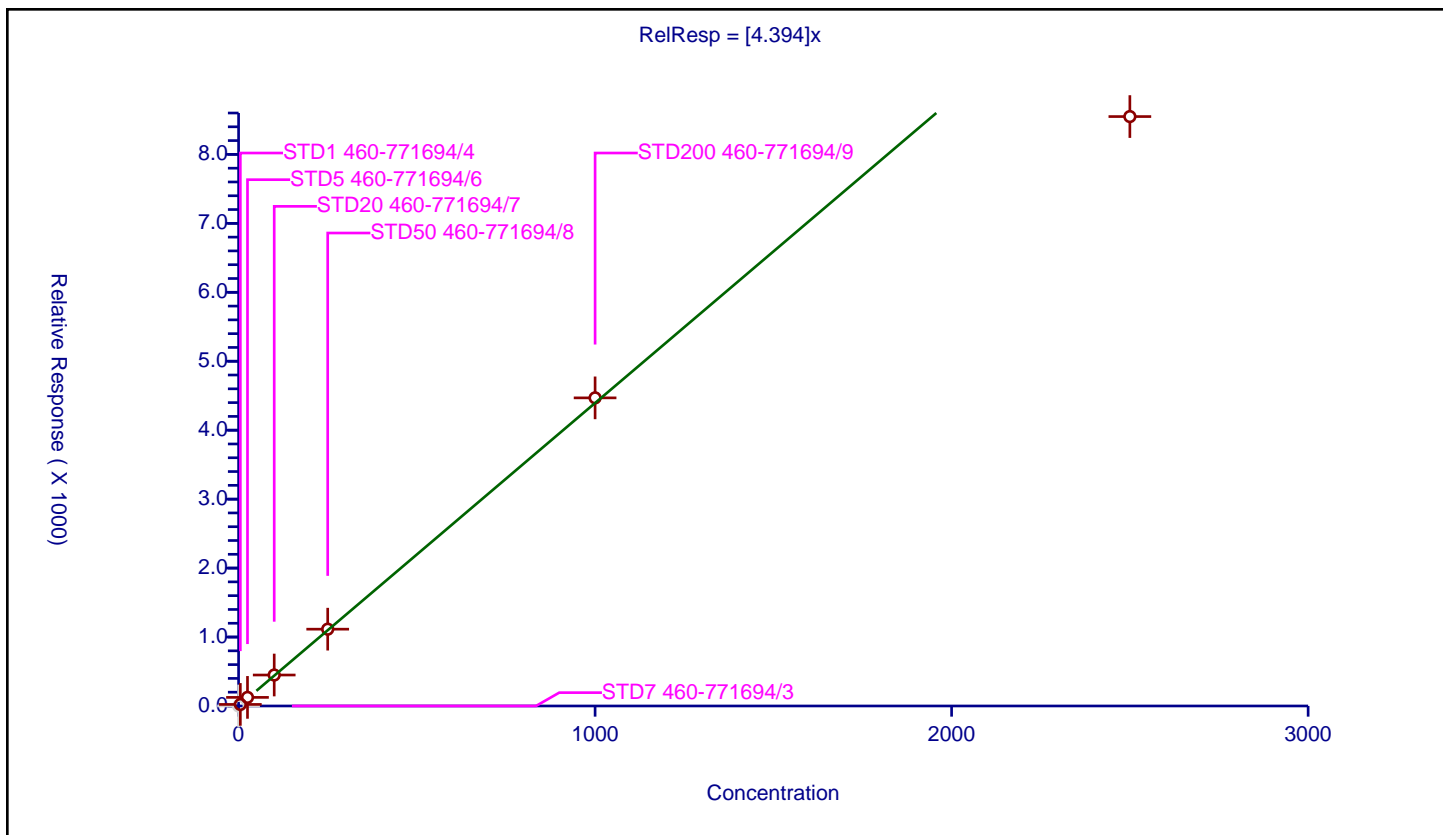
## Curve Coefficients

Intercept: 0  
 Slope: 4.394

## Error Coefficients

Standard Error: 7060000  
 Relative Standard Error: 11.8  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	5.0	22.684877	250.0	285730.0	4.536975	Y
3	STD5 460-771694/6	25.0	124.809529	250.0	261194.0	4.992381	Y
4	STD20 460-771694/7	100.0	449.121456	250.0	315010.0	4.491215	Y
5	STD50 460-771694/8	250.0	1114.009279	250.0	327822.0	4.456037	Y
6	STD200 460-771694/9	1000.0	4468.74158	250.0	367445.0	4.468742	Y
7	STD500 460-771694/10	2500.0	8548.66896	250.0	417756.0	3.419468	Y



# Calibration

/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

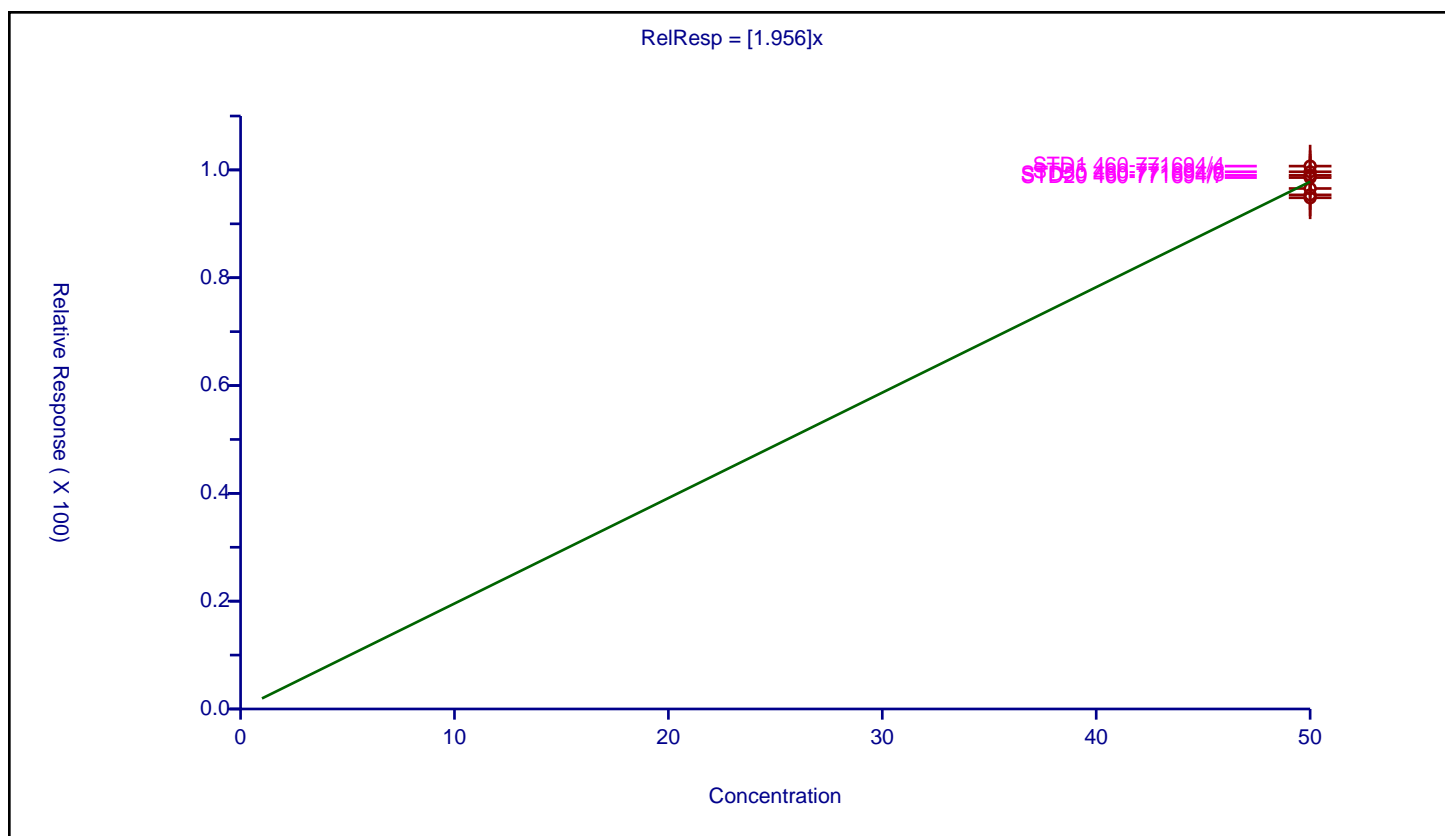
## Curve Coefficients

Intercept: 0  
 Slope: 1.956

## Error Coefficients

Standard Error: 858000  
 Relative Standard Error: 2.3  
 Correlation Coefficient: 0.00000000000000000000  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	50.0	94.833877	50.0	403736.0	1.896678	Y
2	STD1 460-771694/4	50.0	100.703134	50.0	374893.0	2.014063	Y
3	STD5 460-771694/6	50.0	99.654613	50.0	377692.0	1.993092	Y
4	STD20 460-771694/7	50.0	98.571663	50.0	396755.0	1.971433	Y
5	STD50 460-771694/8	50.0	98.991747	50.0	416215.0	1.979835	Y
6	STD200 460-771694/9	50.0	95.374023	50.0	429131.0	1.90748	Y
7	STD500 460-771694/10	50.0	96.554636	50.0	444612.0	1.931093	Y



## Calibration

/ Toluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

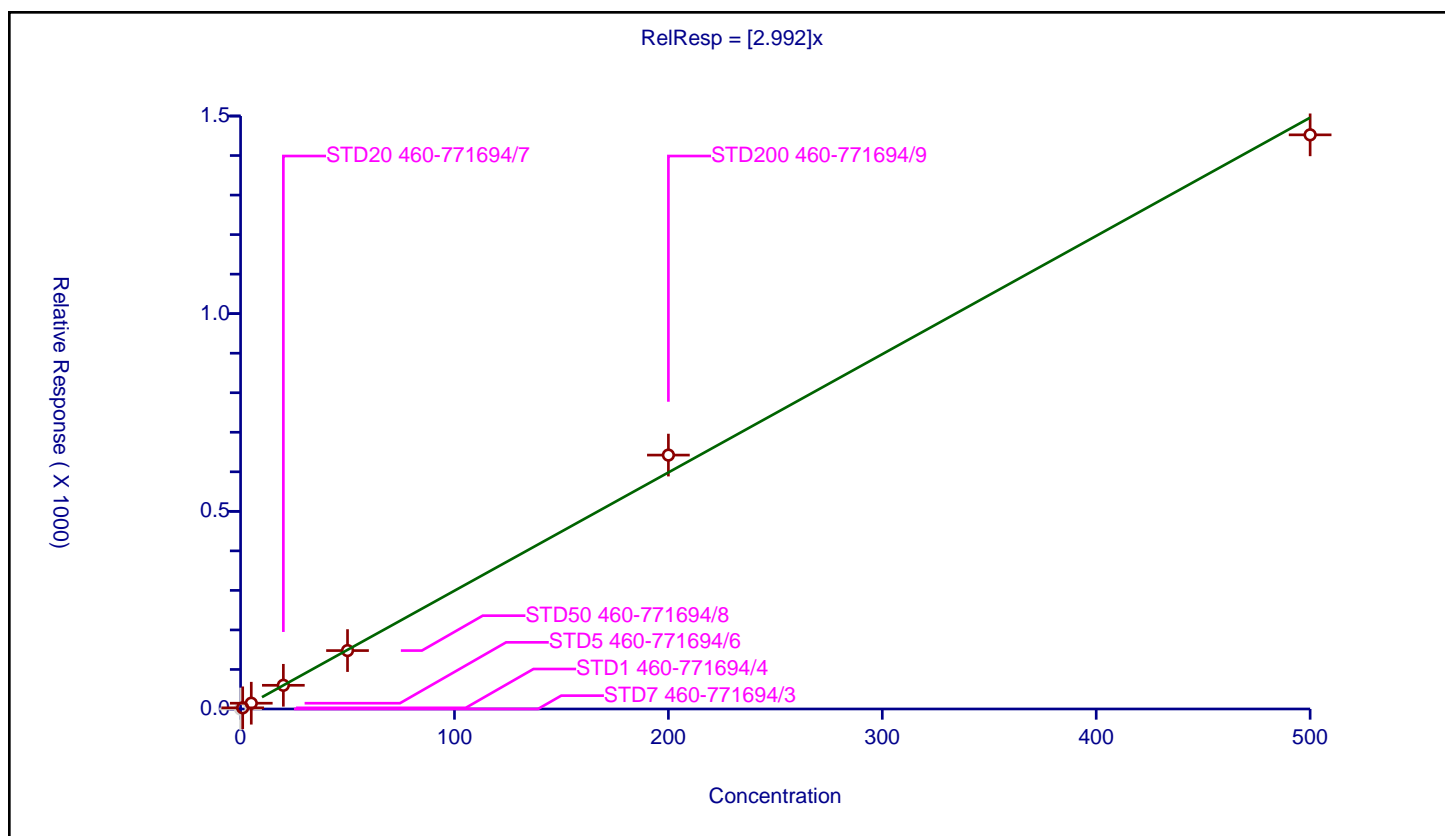
## Curve Coefficients

Intercept: 0  
Slope: 2.992

## Error Coefficients

Standard Error: 6310000  
Relative Standard Error: 3.8  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	2.963912	50.0	374893.0	2.963912	Y
3	STD5 460-771694/6	5.0	14.59046	50.0	377692.0	2.918092	Y
4	STD20 460-771694/7	20.0	59.949213	50.0	396755.0	2.997461	Y
5	STD50 460-771694/8	50.0	147.761734	50.0	416215.0	2.955235	Y
6	STD200 460-771694/9	200.0	642.297573	50.0	429131.0	3.211488	Y
7	STD500 460-771694/10	500.0	1452.382977	50.0	444612.0	2.904766	Y



# Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

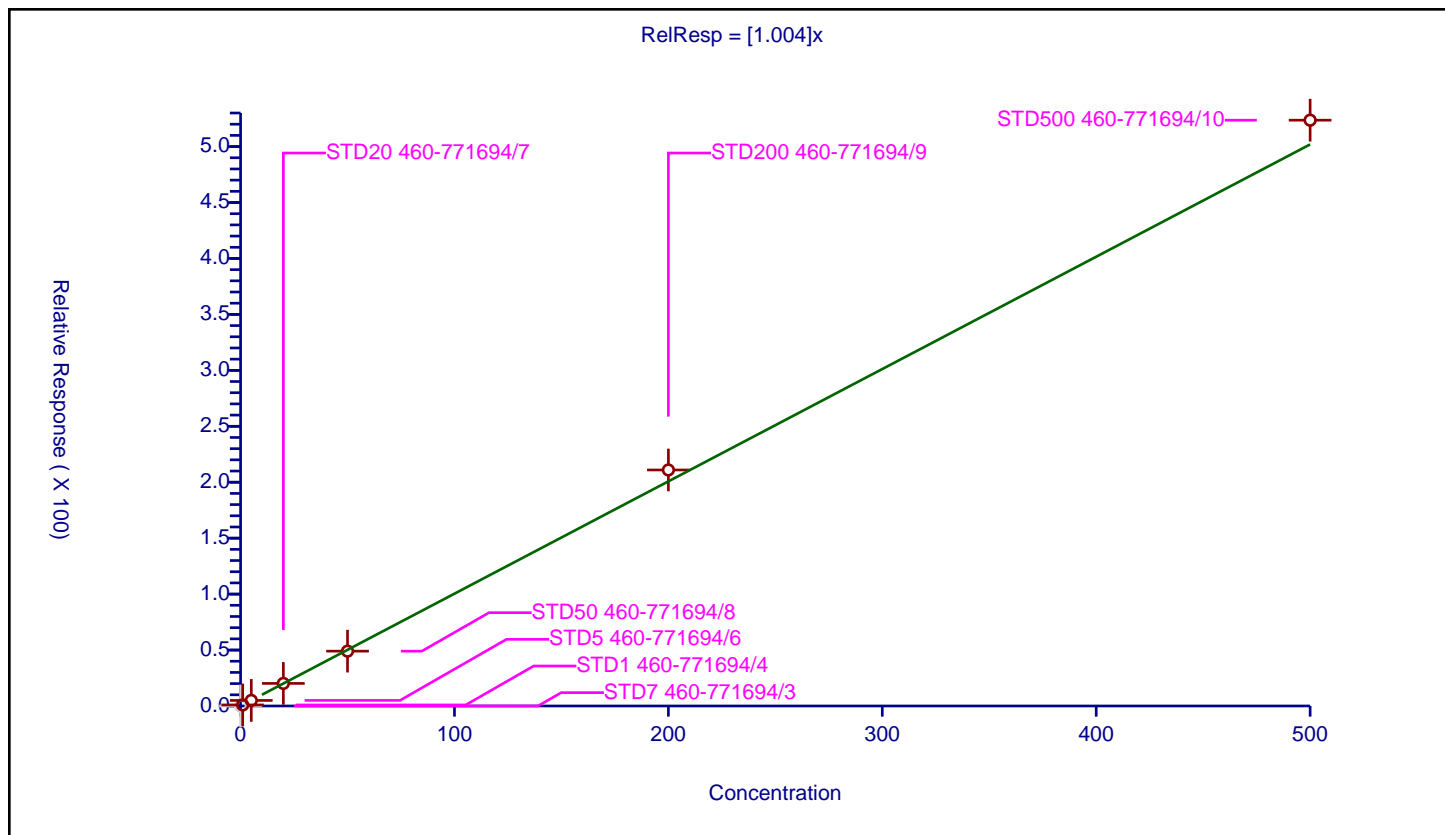
## Curve Coefficients

Intercept: 0  
 Slope: 1.004

## Error Coefficients

Standard Error: 2240000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.938134	50.0	374893.0	0.938134	Y
3	STD5 460-771694/6	5.0	4.969261	50.0	377692.0	0.993852	Y
4	STD20 460-771694/7	20.0	20.184371	50.0	396755.0	1.009219	Y
5	STD50 460-771694/8	50.0	49.005922	50.0	416215.0	0.980118	Y
6	STD200 460-771694/9	200.0	210.954813	50.0	429131.0	1.054774	Y
7	STD500 460-771694/10	500.0	523.577074	50.0	444612.0	1.047154	Y





# Calibration

/ Ethyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

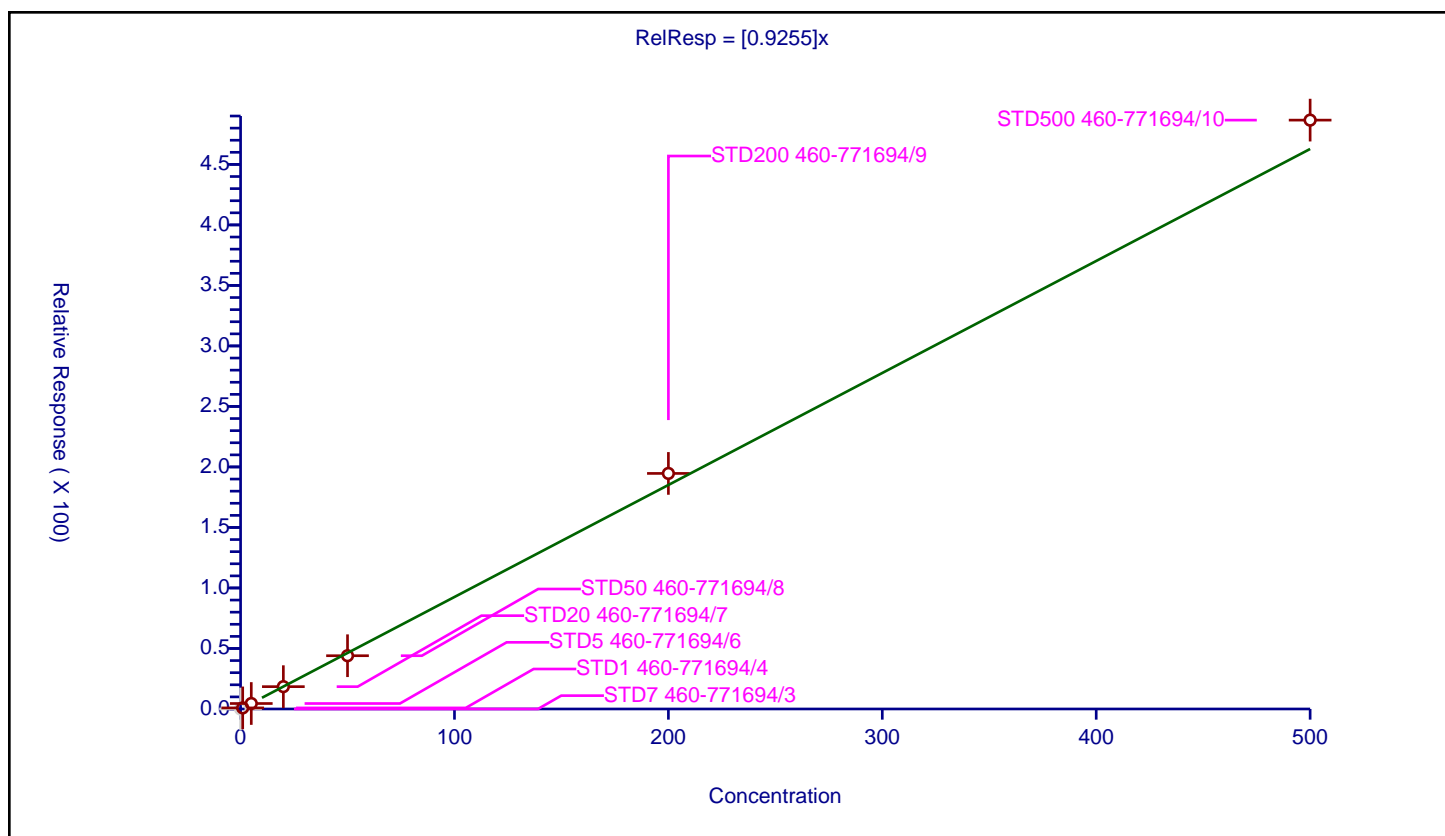
## Curve Coefficients

Intercept: 0  
 Slope: 0.9255

## Error Coefficients

Standard Error: 2080000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.896923	50.0	374893.0	0.896923	Y
3	STD5 460-771694/6	5.0	4.533191	50.0	377692.0	0.906638	Y
4	STD20 460-771694/7	20.0	18.45547	50.0	396755.0	0.922774	Y
5	STD50 460-771694/8	50.0	44.015953	50.0	416215.0	0.880319	Y
6	STD200 460-771694/9	200.0	194.652915	50.0	429131.0	0.973265	Y
7	STD500 460-771694/10	500.0	486.605512	50.0	444612.0	0.973211	Y



# Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

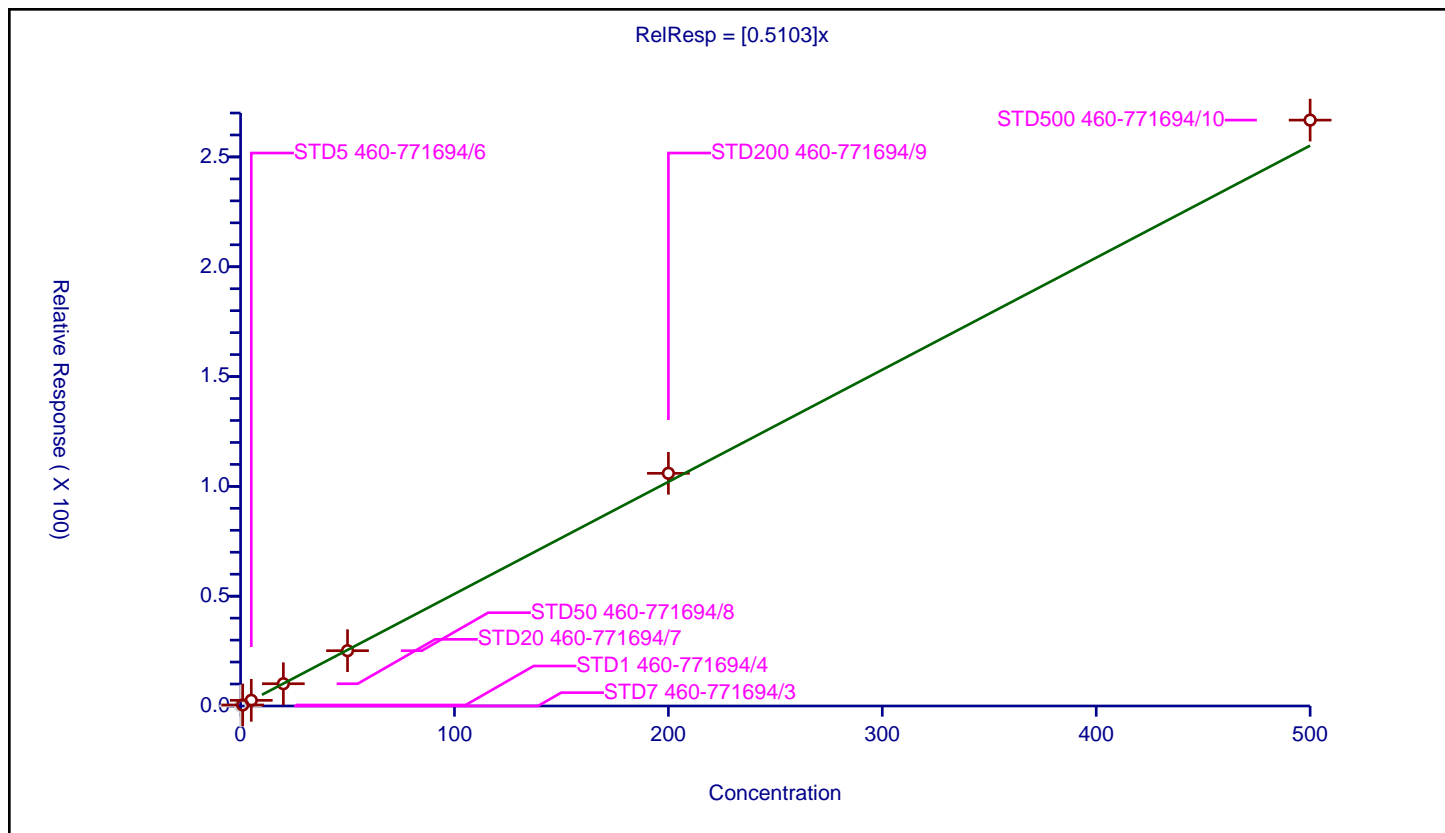
## Curve Coefficients

Intercept: 0  
 Slope: 0.5103

## Error Coefficients

Standard Error: 1140000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.472802	50.0	374893.0	0.472802	Y
3	STD5 460-771694/6	5.0	2.577232	50.0	377692.0	0.515446	Y
4	STD20 460-771694/7	20.0	10.137742	50.0	396755.0	0.506887	Y
5	STD50 460-771694/8	50.0	25.176531	50.0	416215.0	0.503531	Y
6	STD200 460-771694/9	200.0	105.946552	50.0	429131.0	0.529733	Y
7	STD500 460-771694/10	500.0	266.76518	50.0	444612.0	0.53353	Y



# Calibration

/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

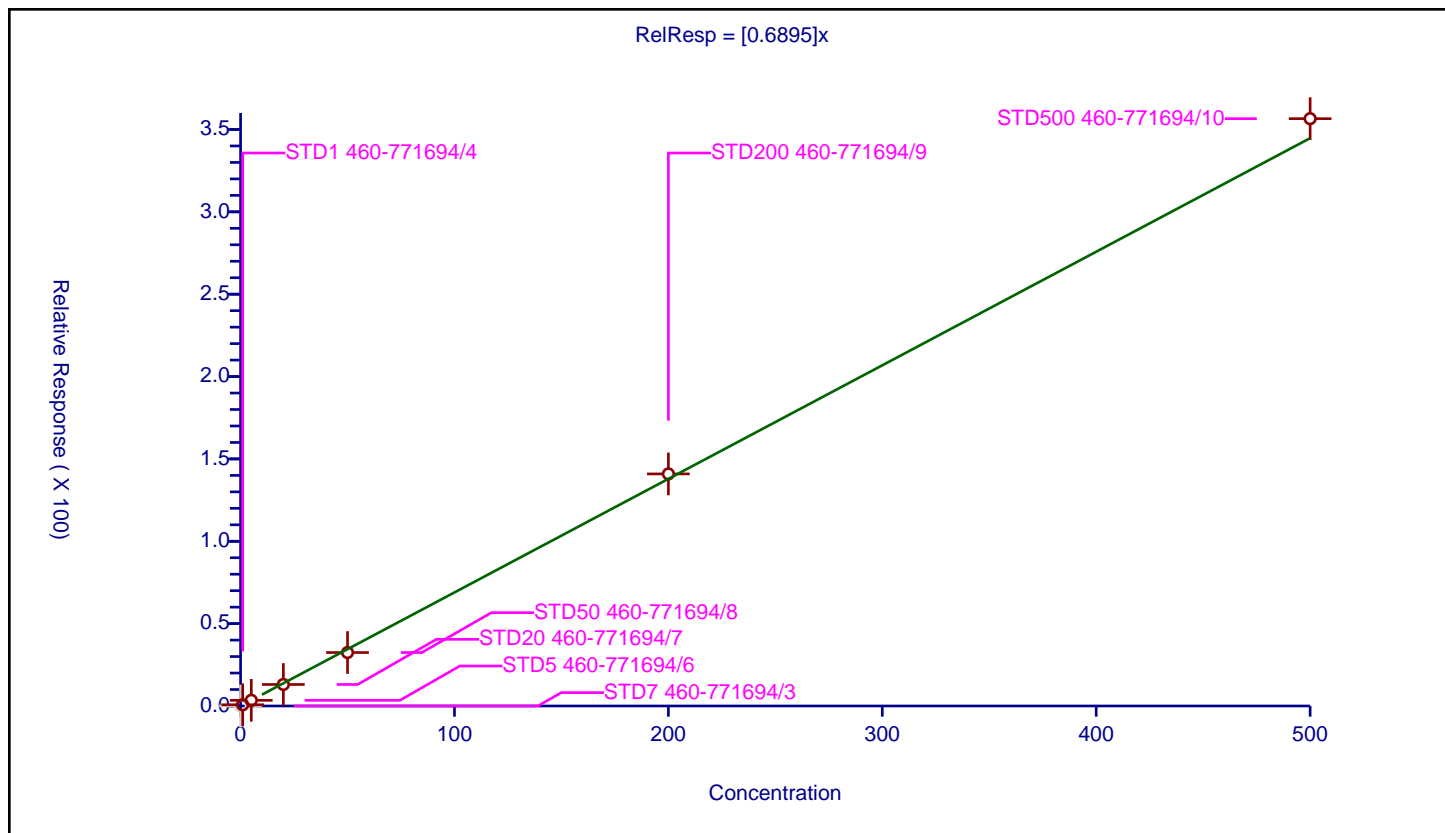
## Curve Coefficients

Intercept: 0  
 Slope: 0.6895

## Error Coefficients

Standard Error: 1520000  
 Relative Standard Error: 4.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.729141	50.0	374893.0	0.729141	Y
3	STD5 460-771694/6	5.0	3.43984	50.0	377692.0	0.687968	Y
4	STD20 460-771694/7	20.0	13.059949	50.0	396755.0	0.652997	Y
5	STD50 460-771694/8	50.0	32.451497	50.0	416215.0	0.64903	Y
6	STD200 460-771694/9	200.0	140.896137	50.0	429131.0	0.704481	Y
7	STD500 460-771694/10	500.0	356.569661	50.0	444612.0	0.713139	Y



# Calibration

/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

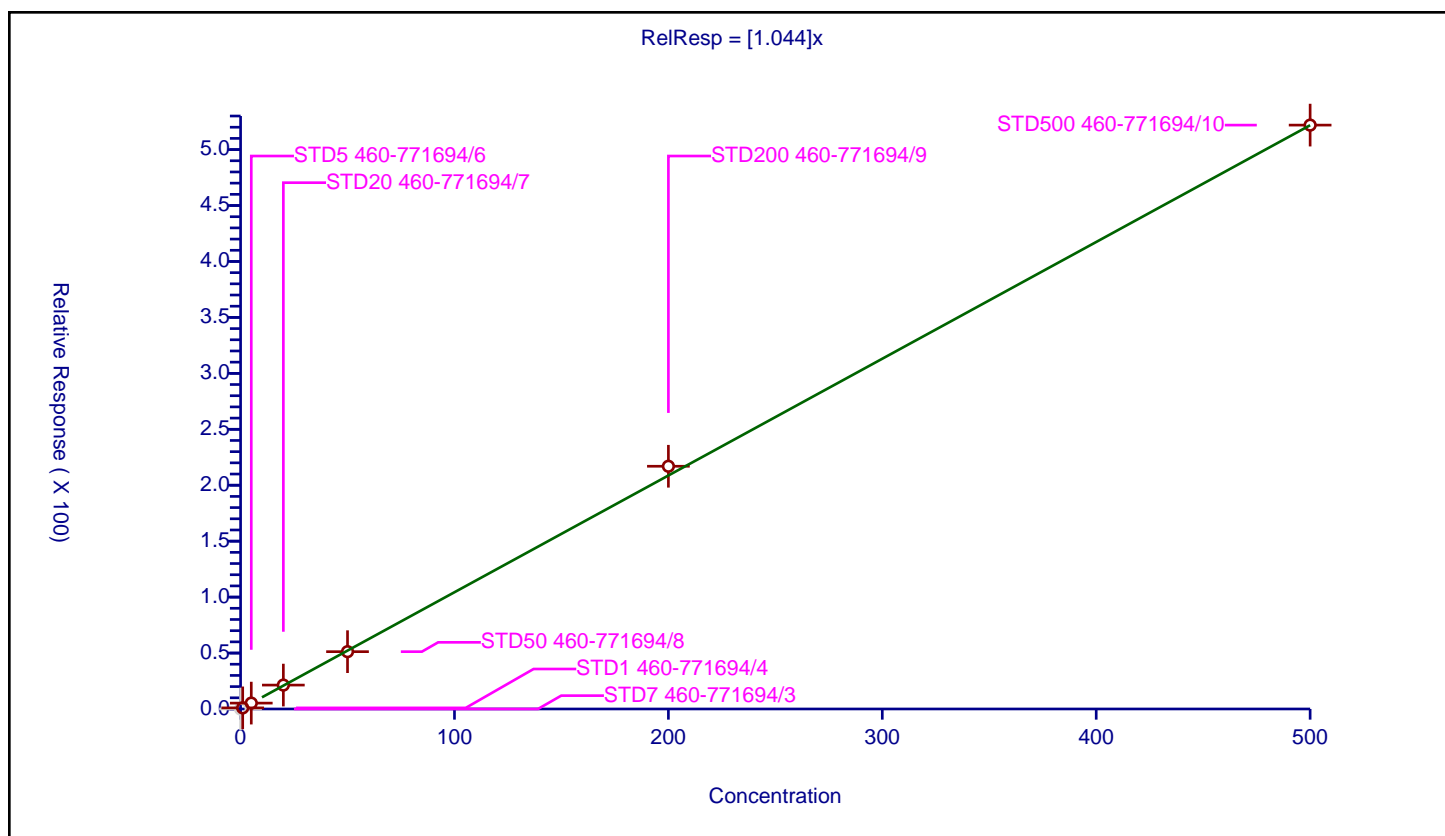
## Curve Coefficients

Intercept: 0  
 Slope: 1.044

## Error Coefficients

Standard Error: 2250000  
 Relative Standard Error: 3.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.987082	50.0	374893.0	0.987082	Y
3	STD5 460-771694/6	5.0	5.263416	50.0	377692.0	1.052683	Y
4	STD20 460-771694/7	20.0	21.362176	50.0	396755.0	1.068109	Y
5	STD50 460-771694/8	50.0	51.238543	50.0	416215.0	1.024771	Y
6	STD200 460-771694/9	200.0	216.950069	50.0	429131.0	1.08475	Y
7	STD500 460-771694/10	500.0	521.863333	50.0	444612.0	1.043727	Y



## Calibration

/ 2-Hexanone

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

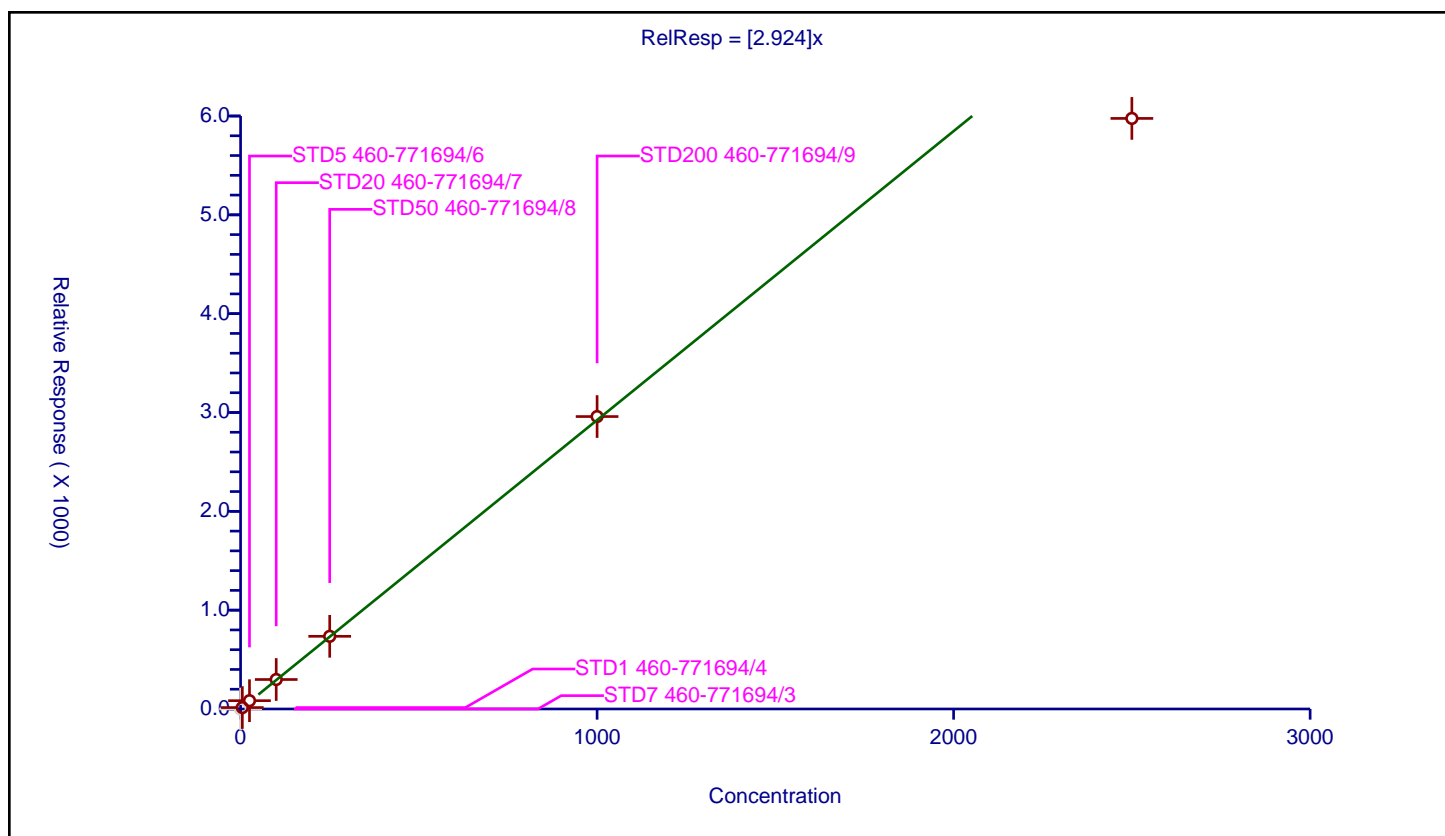
## Curve Coefficients

**Intercept:** 0  
**Slope:** 2.924

## Error Coefficients

**Standard Error:** 4890000  
**Relative Standard Error:** 10.7  
**Correlation Coefficient:** 0.999  
**Coefficient of Determination (Adjusted):** 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	250.0	309547.0	NaN	N
2	STD1 460-771694/4	5.0	14.513702	250.0	285730.0	2.90274	Y
3	STD5 460-771694/6	25.0	84.135738	250.0	261194.0	3.36543	Y
4	STD20 460-771694/7	100.0	298.203232	250.0	315010.0	2.982032	Y
5	STD50 460-771694/8	250.0	735.394513	250.0	327822.0	2.941578	Y
6	STD200 460-771694/9	1000.0	2959.103403	250.0	367445.0	2.959103	Y
7	STD500 460-771694/10	2500.0	5975.769349	250.0	417756.0	2.390308	Y



# Calibration

/ n-Butyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

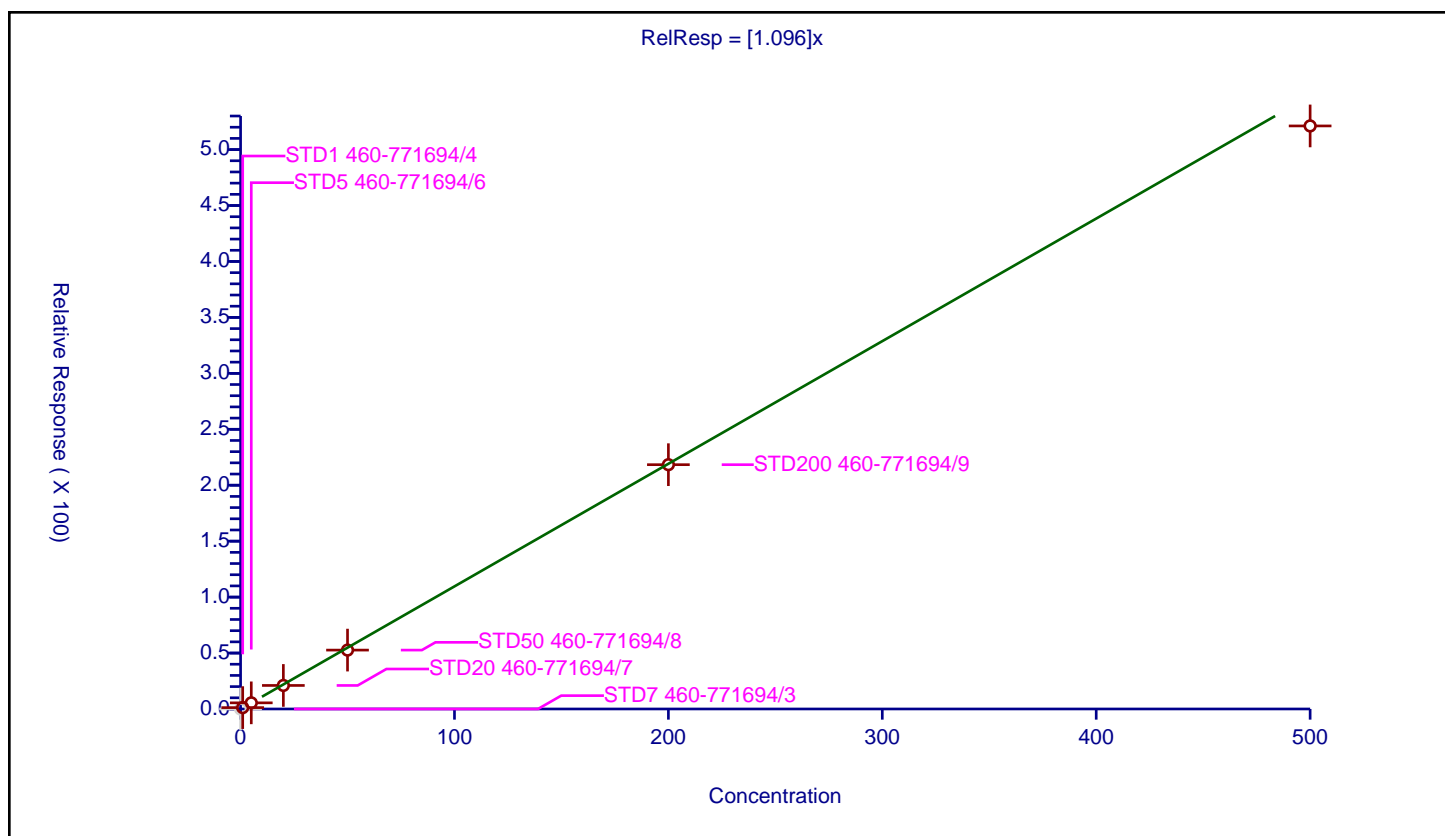
## Curve Coefficients

Intercept: 0  
 Slope: 1.096

## Error Coefficients

Standard Error: 2250000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	1.235419	50.0	374893.0	1.235419	Y
3	STD5 460-771694/6	5.0	5.50422	50.0	377692.0	1.100844	Y
4	STD20 460-771694/7	20.0	21.041449	50.0	396755.0	1.052072	Y
5	STD50 460-771694/8	50.0	52.633375	50.0	416215.0	1.052667	Y
6	STD200 460-771694/9	200.0	218.372129	50.0	429131.0	1.091861	Y
7	STD500 460-771694/10	500.0	521.131796	50.0	444612.0	1.042264	Y



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

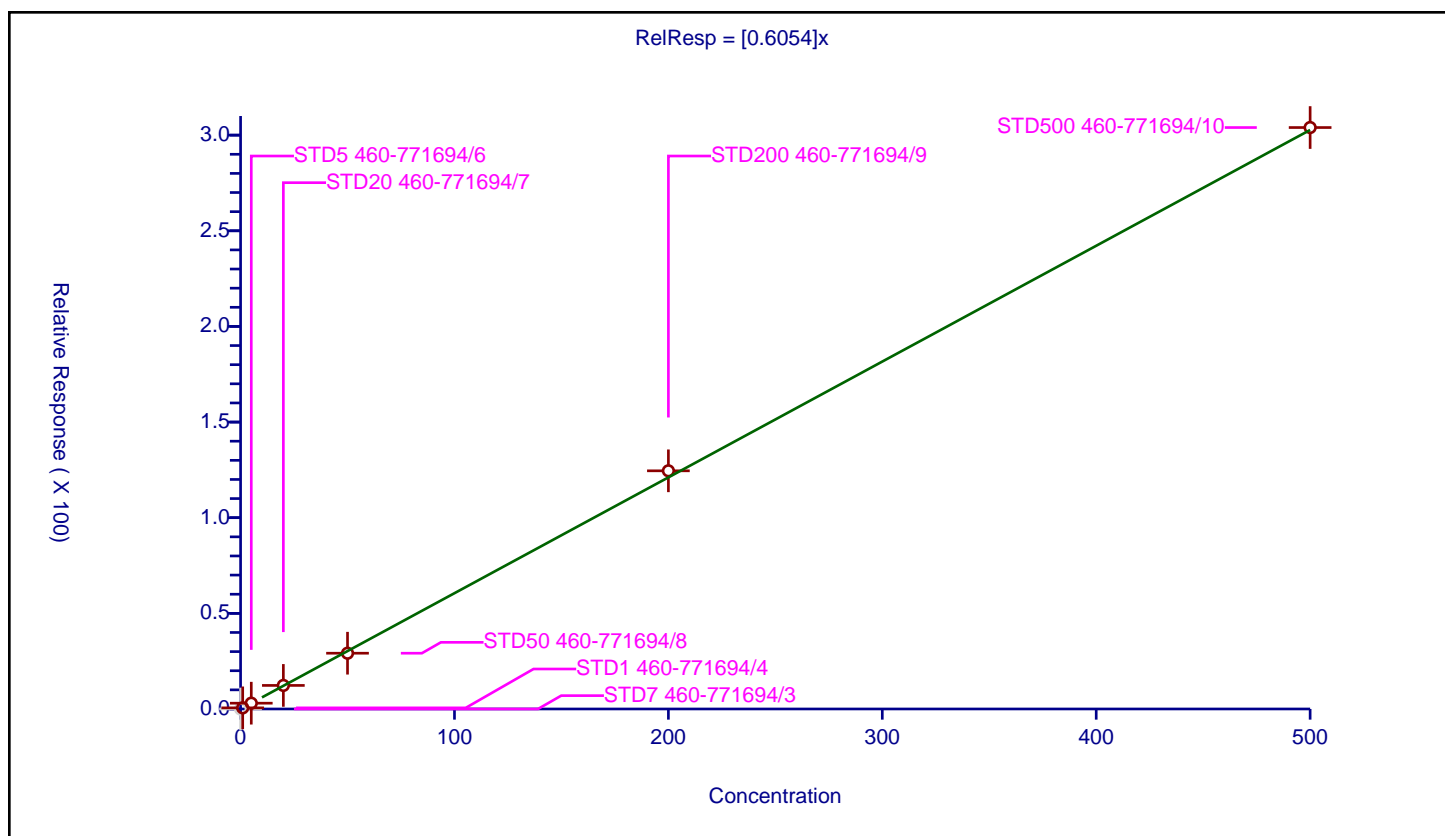
## Curve Coefficients

Intercept: 0  
 Slope: 0.6054

## Error Coefficients

Standard Error: 1310000  
 Relative Standard Error: 2.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.596704	50.0	374893.0	0.596704	Y
3	STD5 460-771694/6	5.0	3.033027	50.0	377692.0	0.606605	Y
4	STD20 460-771694/7	20.0	12.312384	50.0	396755.0	0.615619	Y
5	STD50 460-771694/8	50.0	29.153923	50.0	416215.0	0.583078	Y
6	STD200 460-771694/9	200.0	124.509416	50.0	429131.0	0.622547	Y
7	STD500 460-771694/10	500.0	303.983923	50.0	444612.0	0.607968	Y



# Calibration

/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

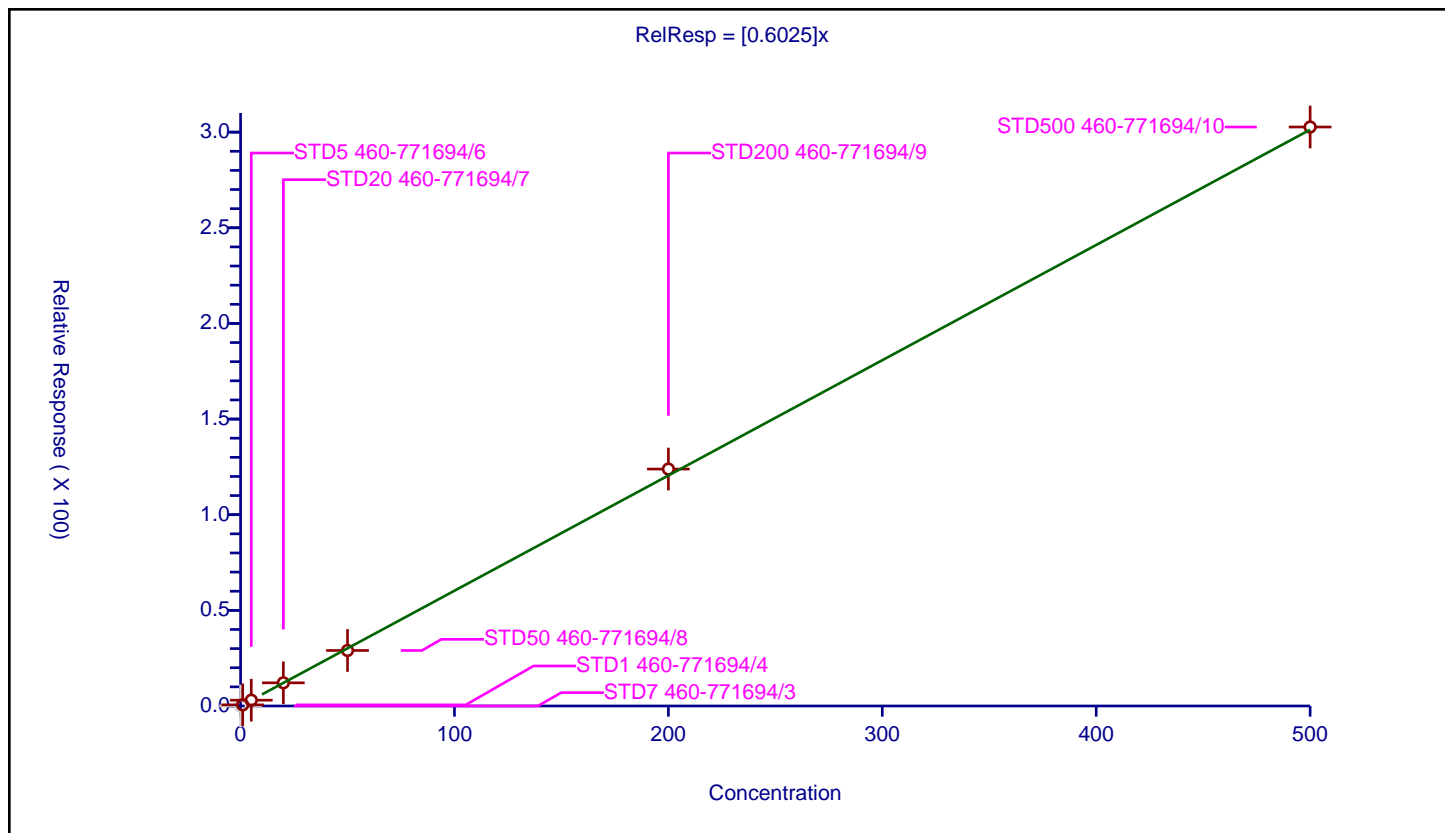
## Curve Coefficients

Intercept: 0  
 Slope: 0.6025

## Error Coefficients

Standard Error: 1300000  
 Relative Standard Error: 2.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.597504	50.0	374893.0	0.597504	Y
3	STD5 460-771694/6	5.0	3.036601	50.0	377692.0	0.60732	Y
4	STD20 460-771694/7	20.0	12.111631	50.0	396755.0	0.605582	Y
5	STD50 460-771694/8	50.0	29.011208	50.0	416215.0	0.580224	Y
6	STD200 460-771694/9	200.0	123.855769	50.0	429131.0	0.619279	Y
7	STD500 460-771694/10	500.0	302.677953	50.0	444612.0	0.605356	Y





# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

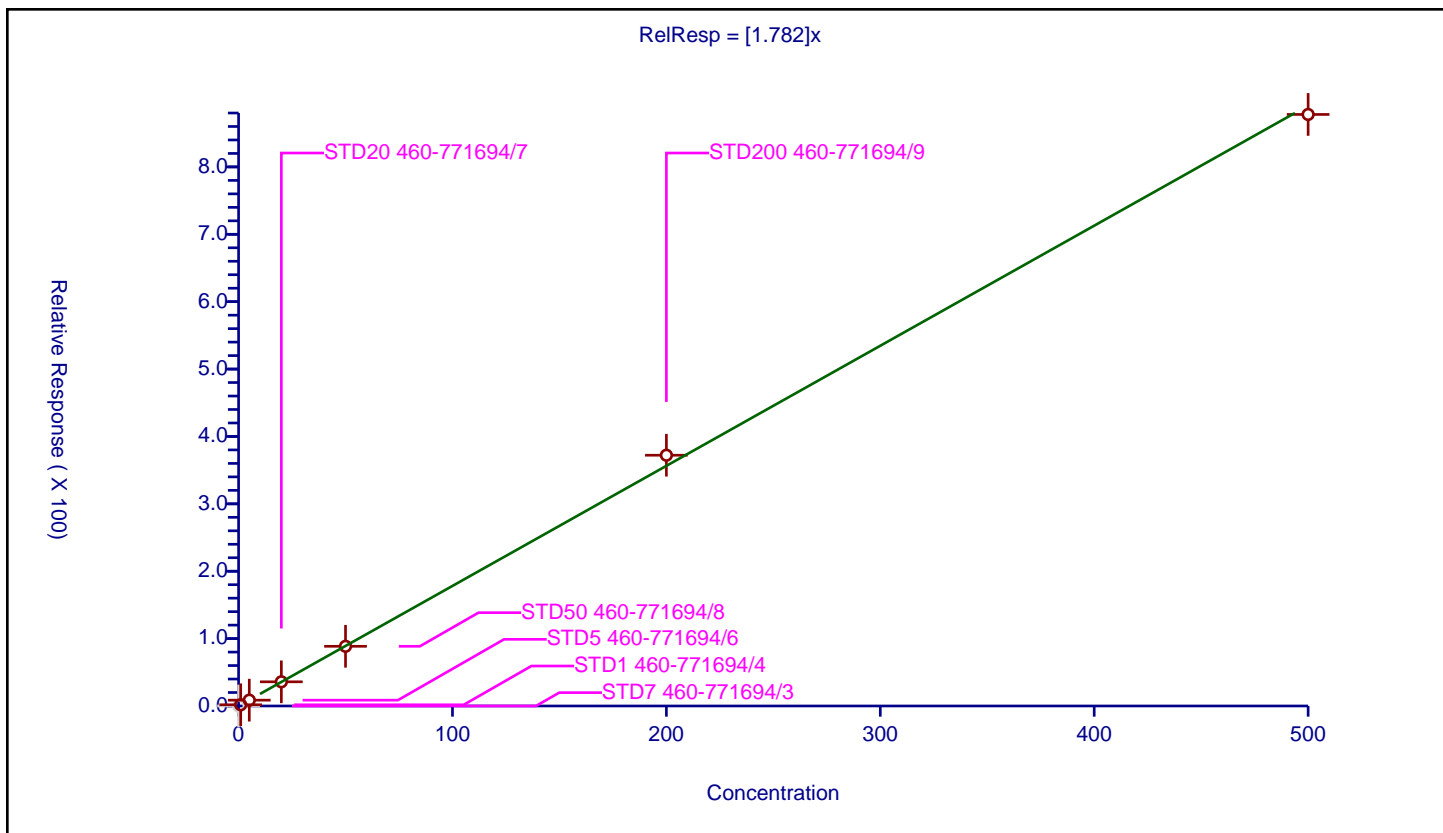
## Curve Coefficients

Intercept: 0  
 Slope: 1.782

## Error Coefficients

Standard Error: 3790000  
 Relative Standard Error: 2.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	1.781842	50.0	374893.0	1.781842	Y
3	STD5 460-771694/6	5.0	8.638123	50.0	377692.0	1.727625	Y
4	STD20 460-771694/7	20.0	35.885118	50.0	396755.0	1.794256	Y
5	STD50 460-771694/8	50.0	88.596519	50.0	416215.0	1.77193	Y
6	STD200 460-771694/9	200.0	372.157337	50.0	429131.0	1.860787	Y
7	STD500 460-771694/10	500.0	877.84529	50.0	444612.0	1.755691	Y



# Calibration

/ Ethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

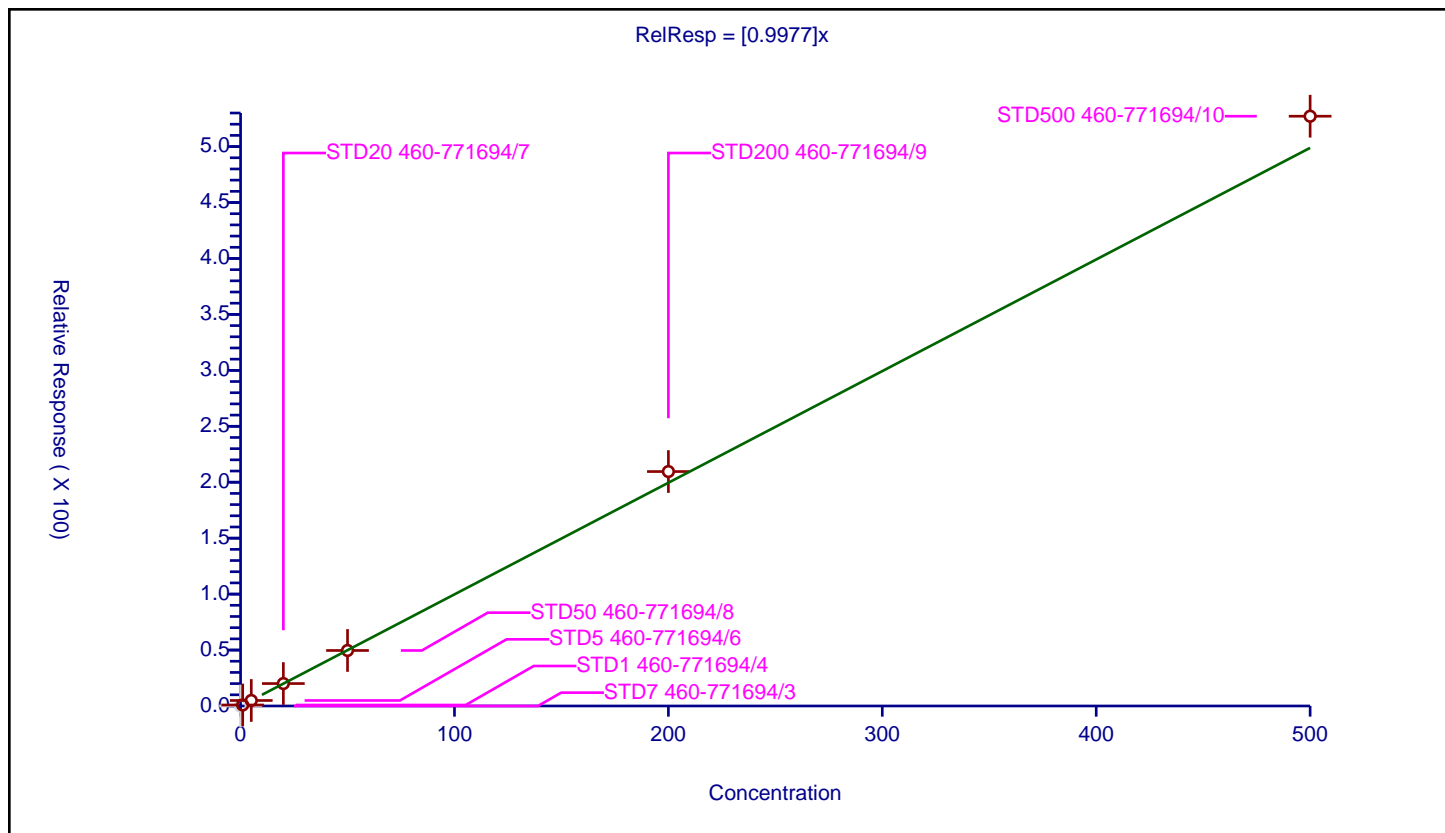
## Curve Coefficients

Intercept: 0  
Slope: 0.9977

## Error Coefficients

Standard Error: 2250000  
Relative Standard Error: 5.5  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.902791	50.0	374893.0	0.902791	Y
3	STD5 460-771694/6	5.0	4.932591	50.0	377692.0	0.986518	Y
4	STD20 460-771694/7	20.0	20.050283	50.0	396755.0	1.002514	Y
5	STD50 460-771694/8	50.0	49.618947	50.0	416215.0	0.992379	Y
6	STD200 460-771694/9	200.0	209.55291	50.0	429131.0	1.047765	Y
7	STD500 460-771694/10	500.0	527.130397	50.0	444612.0	1.054261	Y



# Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

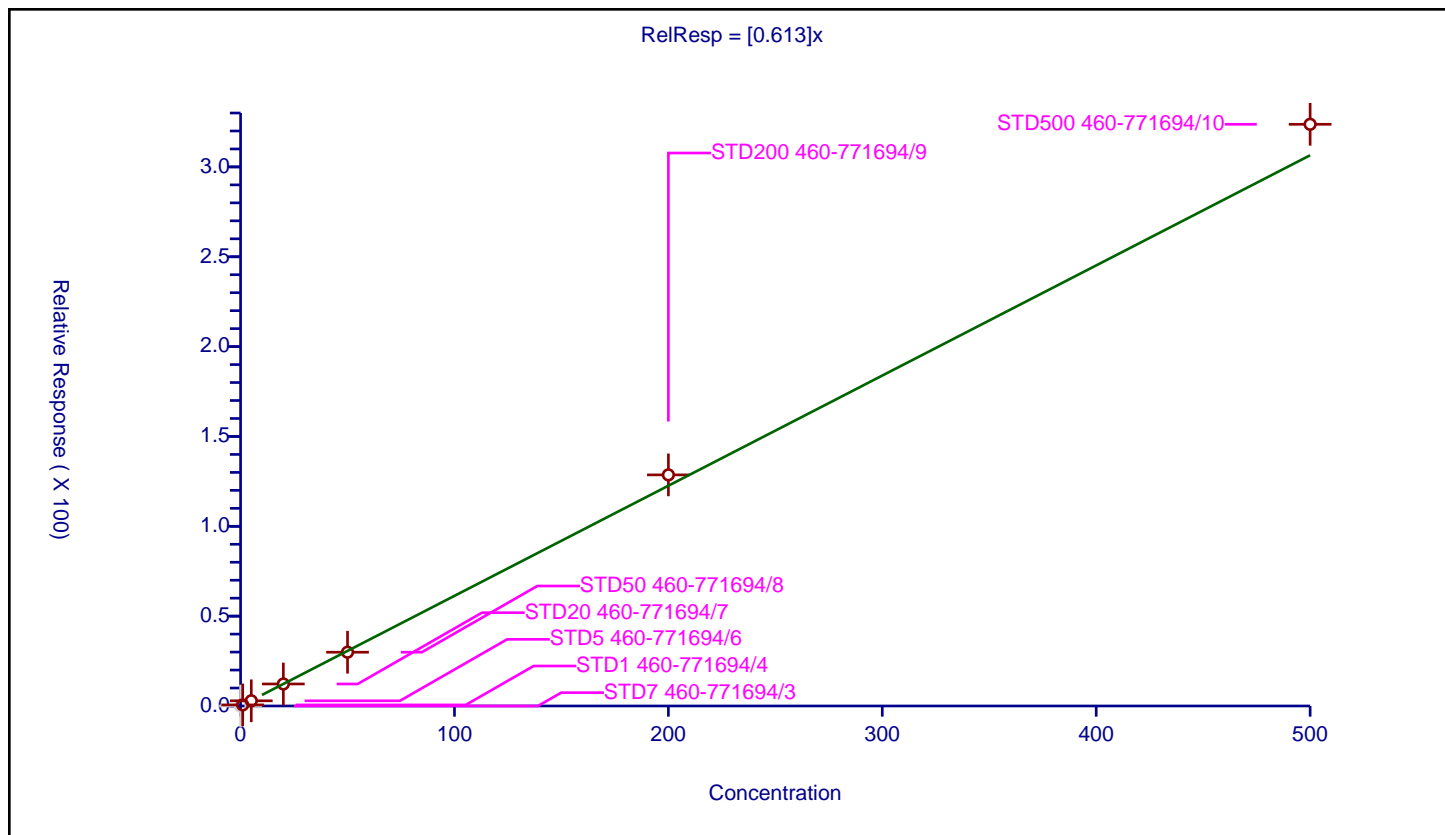
## Curve Coefficients

Intercept: 0  
 Slope: 0.613

## Error Coefficients

Standard Error: 1380000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.599104	50.0	374893.0	0.599104	Y
3	STD5 460-771694/6	5.0	2.884758	50.0	377692.0	0.576952	Y
4	STD20 460-771694/7	20.0	12.254414	50.0	396755.0	0.612721	Y
5	STD50 460-771694/8	50.0	29.922156	50.0	416215.0	0.598443	Y
6	STD200 460-771694/9	200.0	128.621447	50.0	429131.0	0.643107	Y
7	STD500 460-771694/10	500.0	323.718883	50.0	444612.0	0.647438	Y



# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

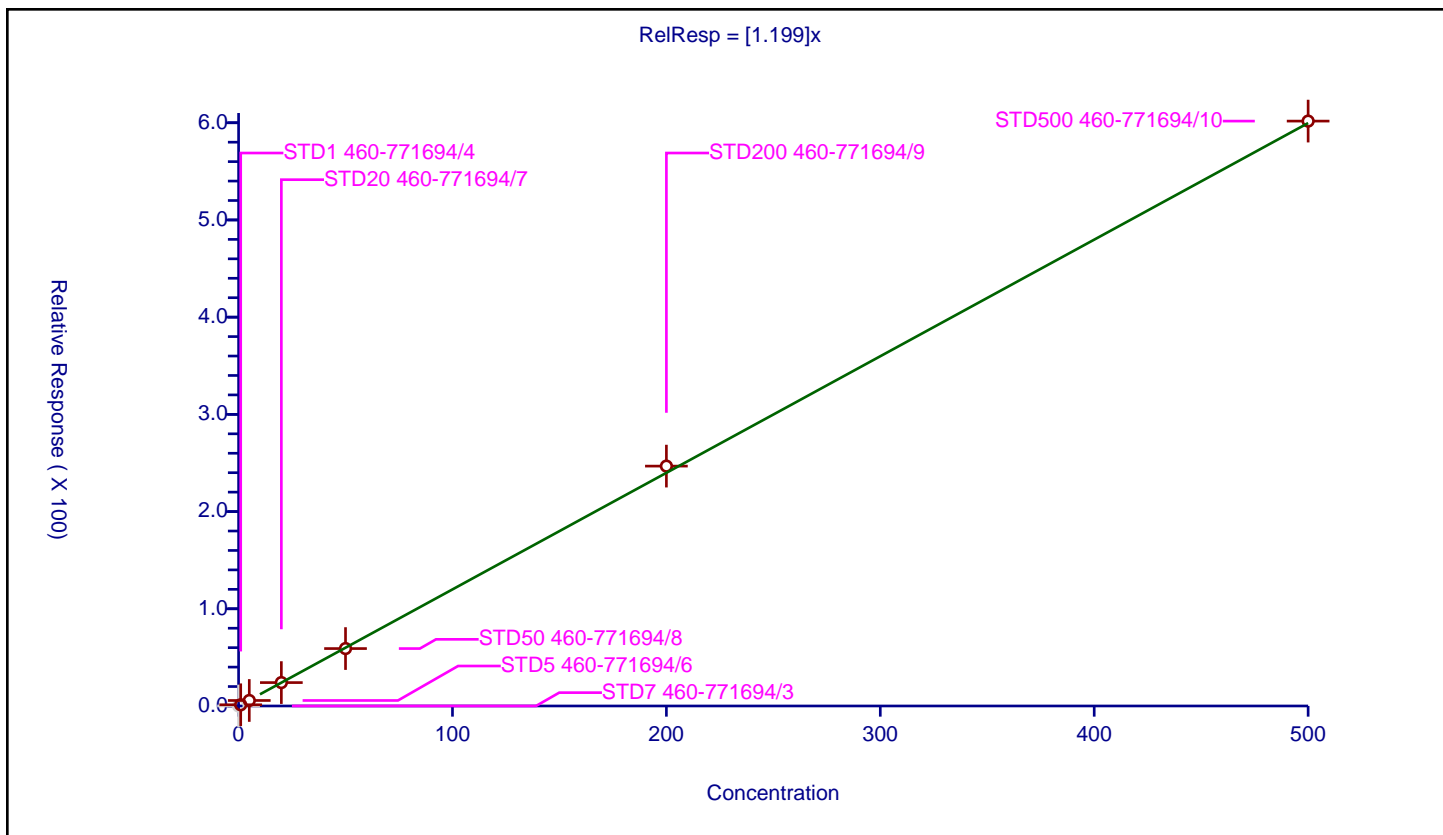
## Curve Coefficients

Intercept: 0  
 Slope: 1.199

## Error Coefficients

Standard Error: 2580000  
 Relative Standard Error: 3.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	1.238353	50.0	374893.0	1.238353	Y
3	STD5 460-771694/6	5.0	5.674994	50.0	377692.0	1.134999	Y
4	STD20 460-771694/7	20.0	24.077201	50.0	396755.0	1.20386	Y
5	STD50 460-771694/8	50.0	59.07704	50.0	416215.0	1.181541	Y
6	STD200 460-771694/9	200.0	246.756119	50.0	429131.0	1.233781	Y
7	STD500 460-771694/10	500.0	601.676743	50.0	444612.0	1.203353	Y



# Calibration

/ n-Butyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

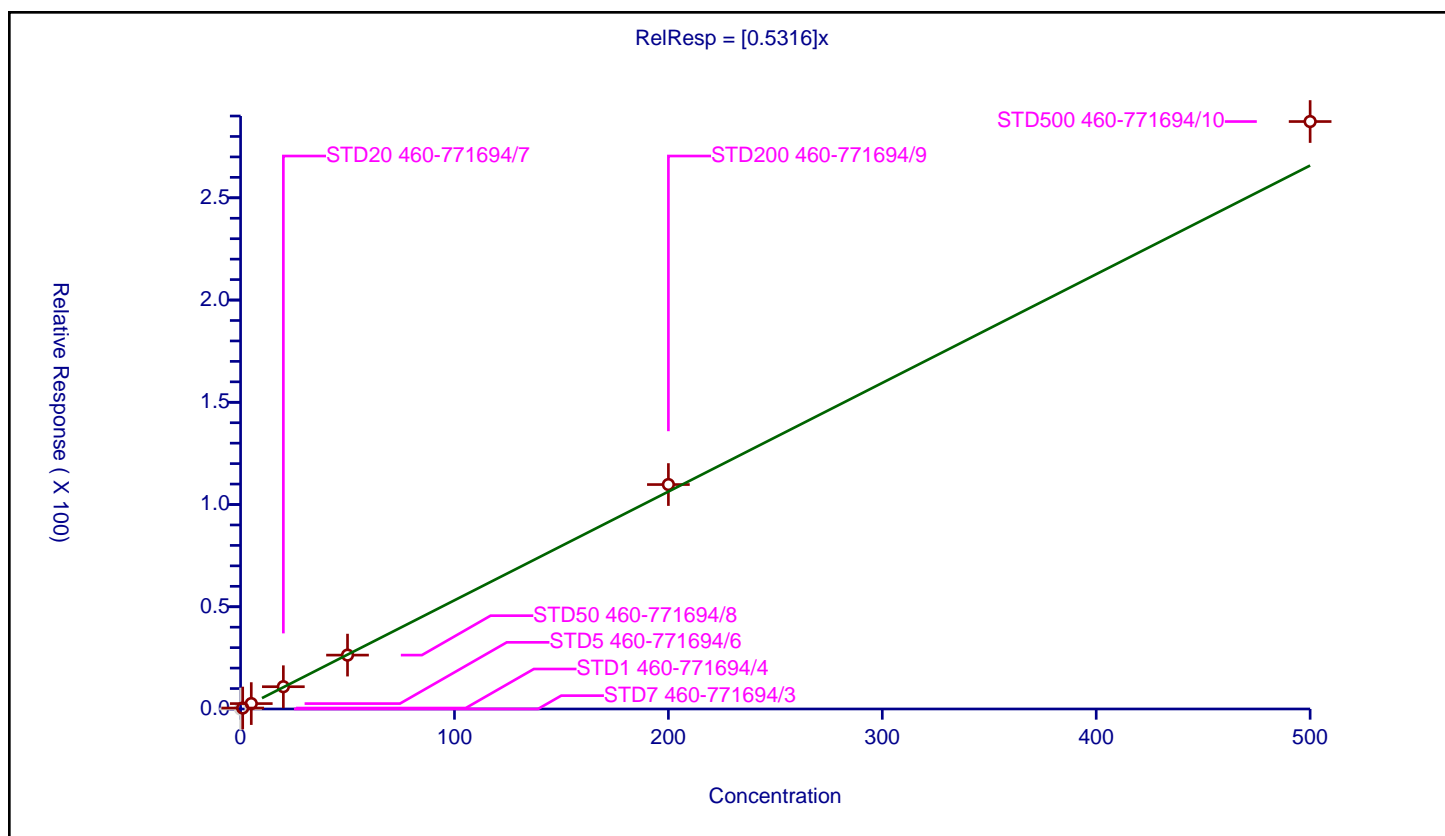
## Curve Coefficients

Intercept: 0  
 Slope: 0.5316

## Error Coefficients

Standard Error: 1220000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.466533	50.0	374893.0	0.466533	Y
3	STD5 460-771694/6	5.0	2.636672	50.0	377692.0	0.527334	Y
4	STD20 460-771694/7	20.0	10.900808	50.0	396755.0	0.54504	Y
5	STD50 460-771694/8	50.0	26.35633	50.0	416215.0	0.527127	Y
6	STD200 460-771694/9	200.0	109.765666	50.0	429131.0	0.548828	Y
7	STD500 460-771694/10	500.0	287.306348	50.0	444612.0	0.574613	Y



# Calibration

/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

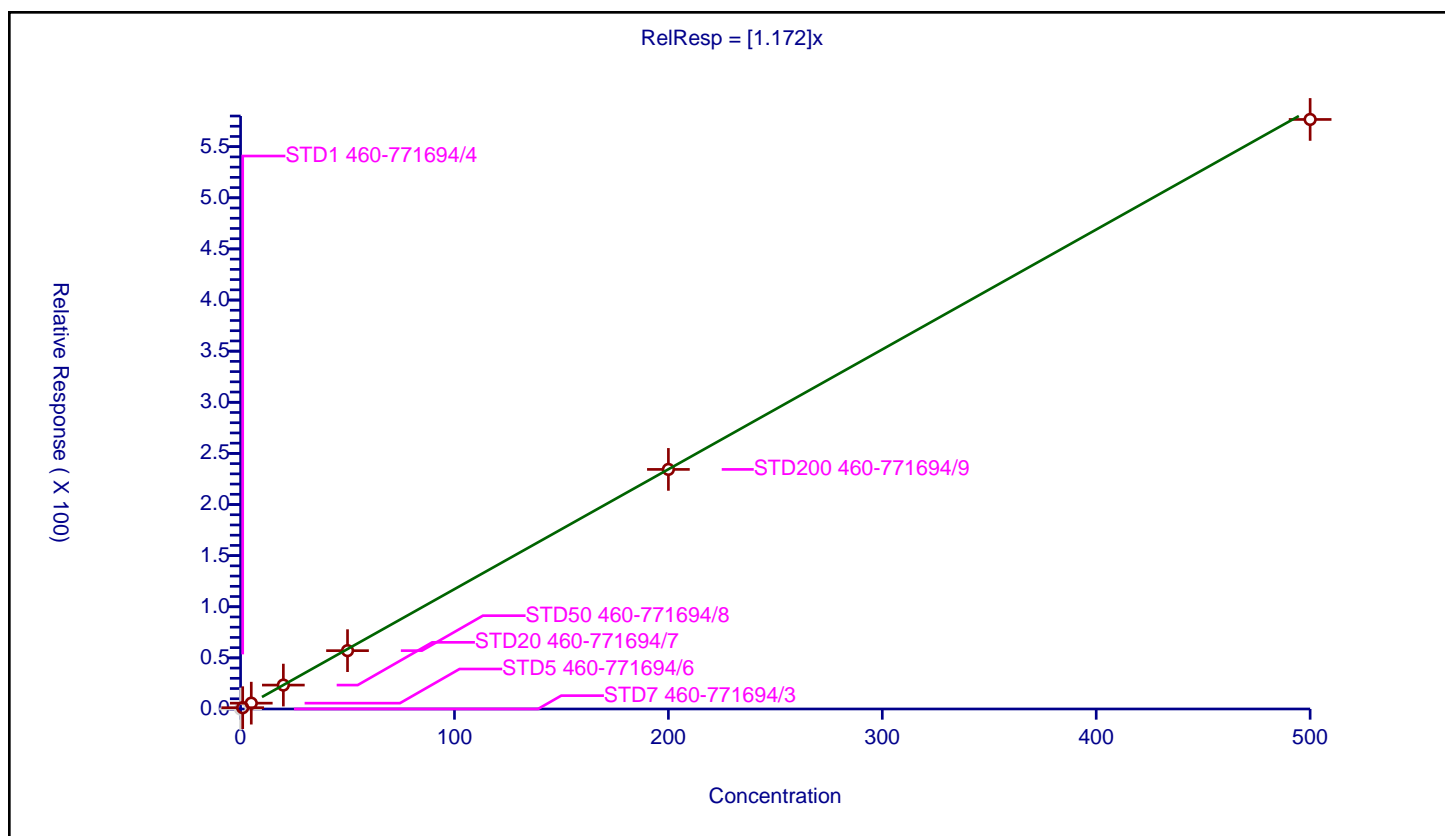
## Curve Coefficients

Intercept: 0  
 Slope: 1.172

## Error Coefficients

Standard Error: 2470000  
 Relative Standard Error: 3.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	1.259559	50.0	374893.0	1.259559	Y
3	STD5 460-771694/6	5.0	5.697102	50.0	377692.0	1.13942	Y
4	STD20 460-771694/7	20.0	23.38307	50.0	396755.0	1.169154	Y
5	STD50 460-771694/8	50.0	57.049722	50.0	416215.0	1.140994	Y
6	STD200 460-771694/9	200.0	234.34499	50.0	429131.0	1.171725	Y
7	STD500 460-771694/10	500.0	576.629623	50.0	444612.0	1.153259	Y



# Calibration

/ Styrene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

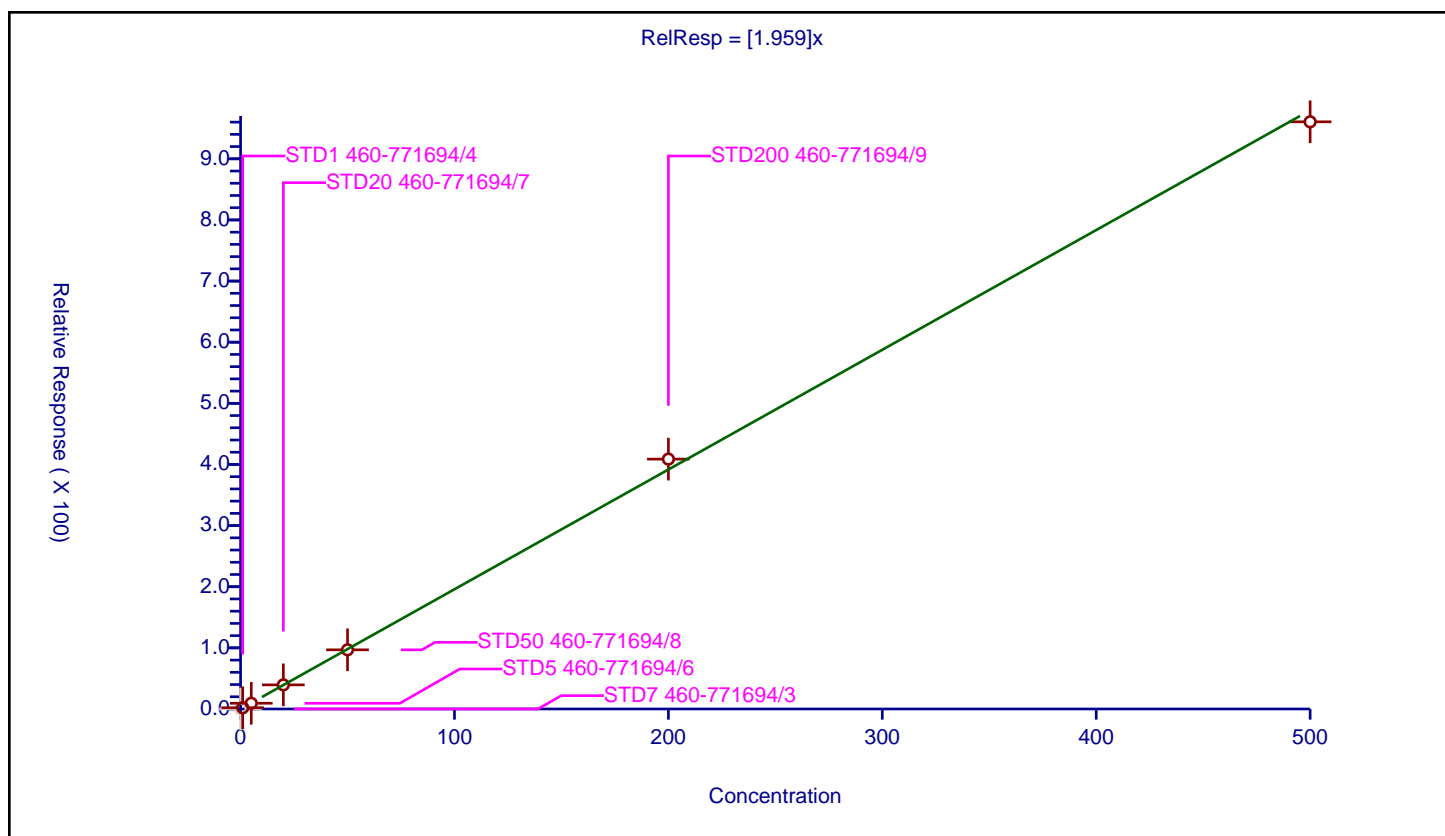
## Curve Coefficients

Intercept: 0  
Slope: 1.959

## Error Coefficients

Standard Error: 4150000  
Relative Standard Error: 3.2  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	2.007506	50.0	374893.0	2.007506	Y
3	STD5 460-771694/6	5.0	9.354845	50.0	377692.0	1.870969	Y
4	STD20 460-771694/7	20.0	39.451425	50.0	396755.0	1.972571	Y
5	STD50 460-771694/8	50.0	96.768857	50.0	416215.0	1.935377	Y
6	STD200 460-771694/9	200.0	408.75898	50.0	429131.0	2.043795	Y
7	STD500 460-771694/10	500.0	960.542226	50.0	444612.0	1.921084	Y



# Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

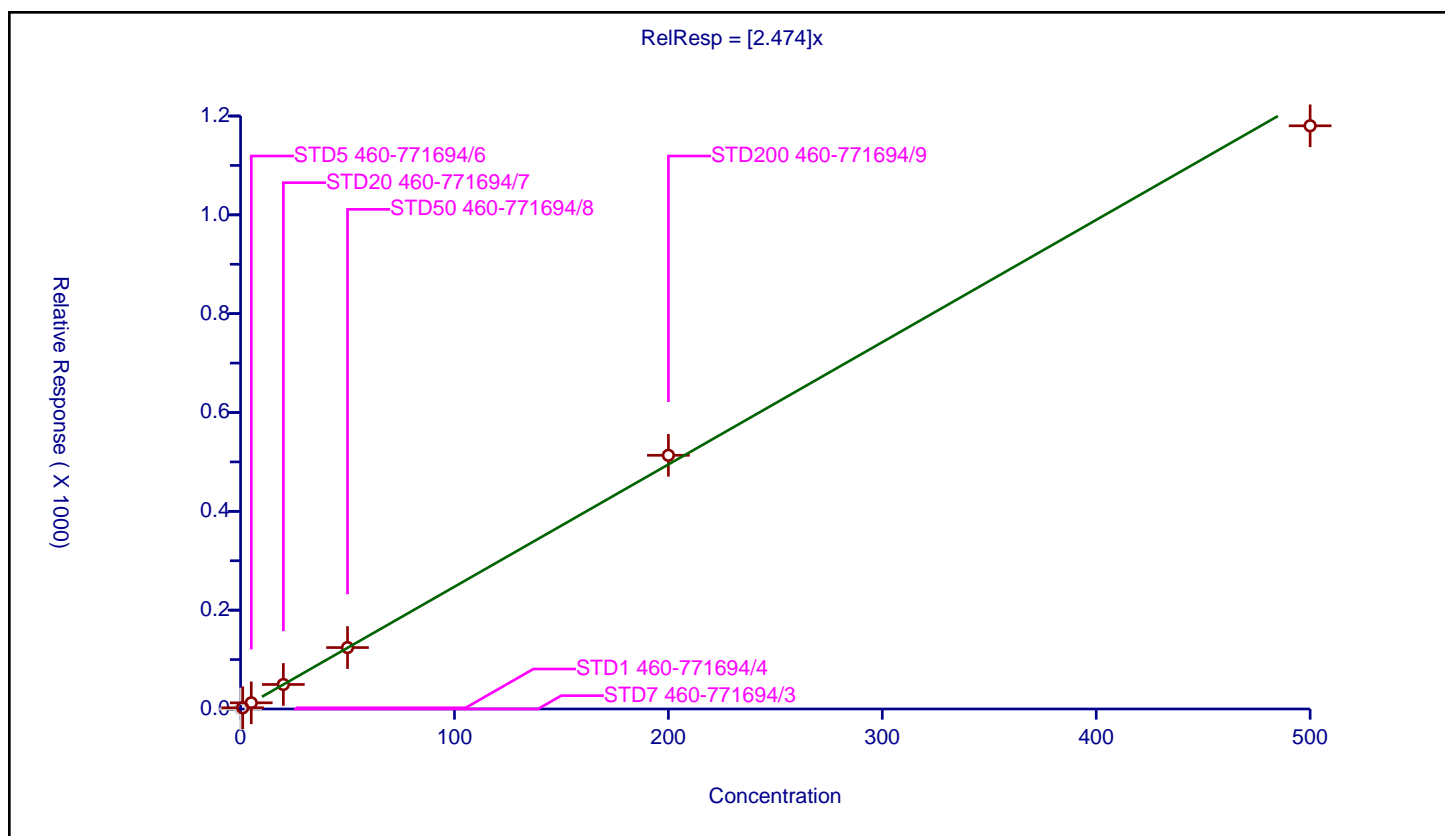
## Curve Coefficients

Intercept: 0  
 Slope: 2.474

## Error Coefficients

Standard Error: 2450000  
 Relative Standard Error: 2.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	2.456974	50.0	178960.0	2.456974	Y
3	STD5 460-771694/6	5.0	12.473415	50.0	173497.0	2.494683	Y
4	STD20 460-771694/7	20.0	49.625829	50.0	188684.0	2.481291	Y
5	STD50 460-771694/8	50.0	124.283522	50.0	191562.0	2.48567	Y
6	STD200 460-771694/9	200.0	513.415256	50.0	192255.0	2.567076	Y
7	STD500 460-771694/10	500.0	1180.19397	50.0	215240.0	2.360388	Y





# Calibration

/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

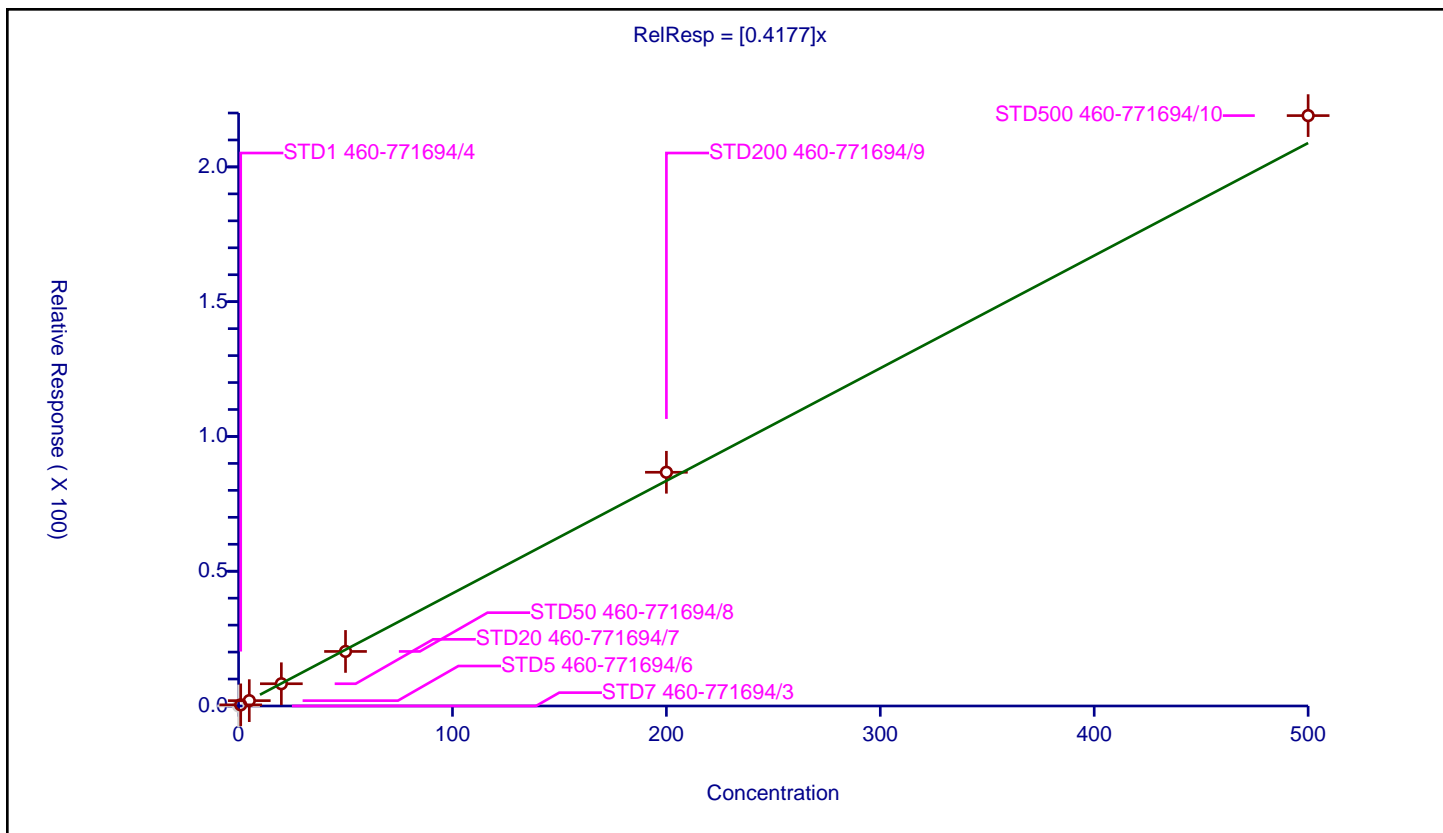
## Curve Coefficients

Intercept: 0  
 Slope: 0.4177

## Error Coefficients

Standard Error: 936000  
 Relative Standard Error: 3.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	0.419987	50.0	374893.0	0.419987	Y
3	STD5 460-771694/6	5.0	1.986407	50.0	377692.0	0.397281	Y
4	STD20 460-771694/7	20.0	8.255094	50.0	396755.0	0.412755	Y
5	STD50 460-771694/8	50.0	20.237017	50.0	416215.0	0.40474	Y
6	STD200 460-771694/9	200.0	86.714663	50.0	429131.0	0.433573	Y
7	STD500 460-771694/10	500.0	219.041209	50.0	444612.0	0.438082	Y



# Calibration

/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

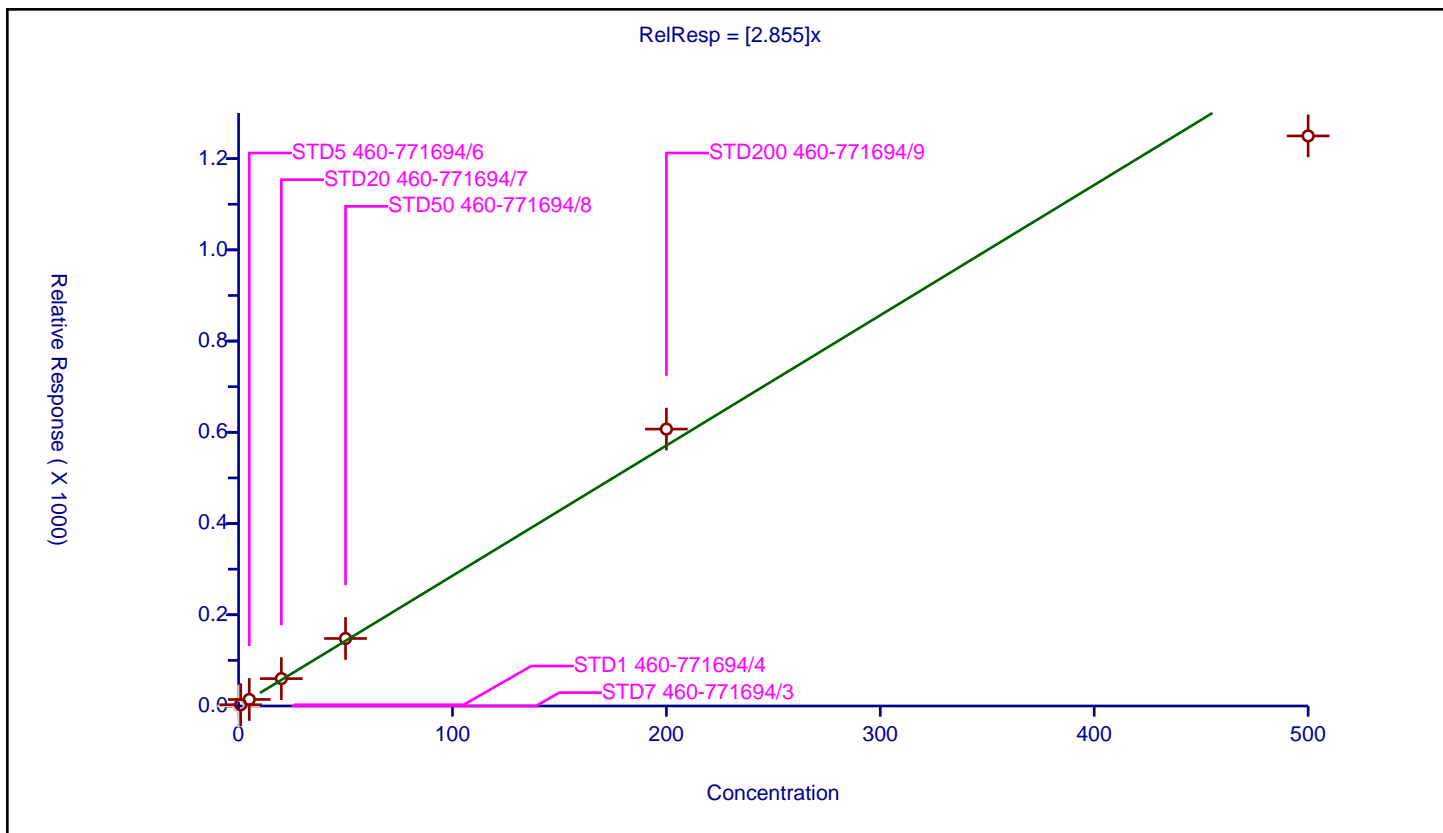
## Curve Coefficients

Intercept: 0  
 Slope: 2.855

## Error Coefficients

Standard Error: 5520000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	403736.0	NaN	N
2	STD1 460-771694/4	1.0	2.78066	50.0	374893.0	2.78066	Y
3	STD5 460-771694/6	5.0	14.287568	50.0	377692.0	2.857514	Y
4	STD20 460-771694/7	20.0	59.989918	50.0	396755.0	2.999496	Y
5	STD50 460-771694/8	50.0	148.008601	50.0	416215.0	2.960172	Y
6	STD200 460-771694/9	200.0	607.017671	50.0	429131.0	3.035088	Y
7	STD500 460-771694/10	500.0	1249.773398	50.0	444612.0	2.499547	Y



# Calibration

/ 4-Bromofluorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

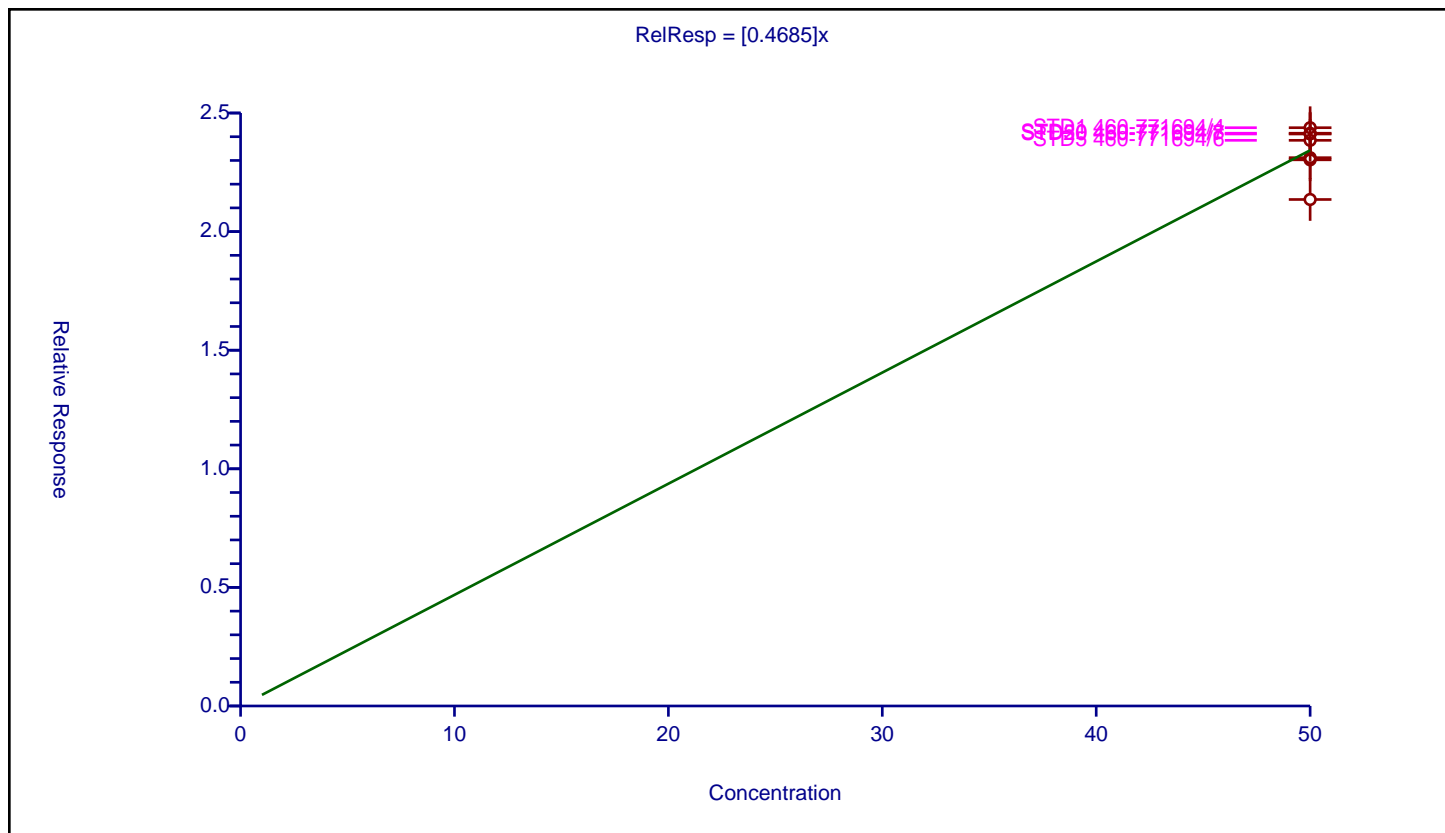
## Curve Coefficients

Intercept: 0  
 Slope: 0.4685

## Error Coefficients

Standard Error: 205000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 0.00000000000000000000  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	50.0	23.117334	50.0	403736.0	0.462347	Y
2	STD1 460-771694/4	50.0	24.38069	50.0	374893.0	0.487614	Y
3	STD5 460-771694/6	50.0	23.848665	50.0	377692.0	0.476973	Y
4	STD20 460-771694/7	50.0	24.115638	50.0	396755.0	0.482313	Y
5	STD50 460-771694/8	50.0	24.147616	50.0	416215.0	0.482952	Y
6	STD200 460-771694/9	50.0	21.353736	50.0	429131.0	0.427075	Y
7	STD500 460-771694/10	50.0	23.026594	50.0	444612.0	0.460532	Y



# Calibration

/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

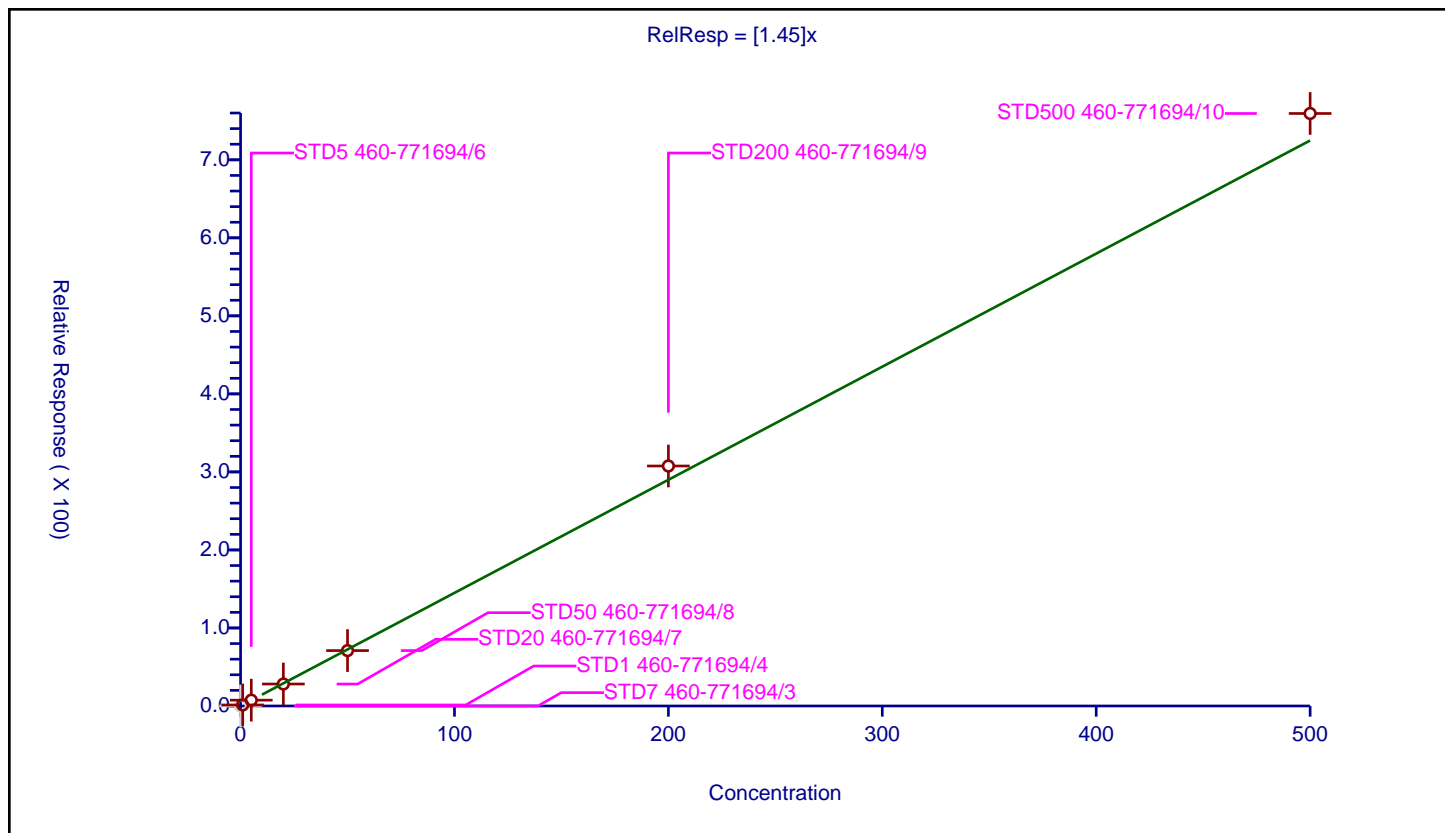
## Curve Coefficients

Intercept: 0  
 Slope: 1.45

## Error Coefficients

Standard Error: 1560000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	1.319569	50.0	178960.0	1.319569	Y
3	STD5 460-771694/6	5.0	7.466123	50.0	173497.0	1.493225	Y
4	STD20 460-771694/7	20.0	28.154746	50.0	188684.0	1.407737	Y
5	STD50 460-771694/8	50.0	70.993203	50.0	191562.0	1.419864	Y
6	STD200 460-771694/9	200.0	307.59278	50.0	192255.0	1.537964	Y
7	STD500 460-771694/10	500.0	759.394862	50.0	215240.0	1.51879	Y



# Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

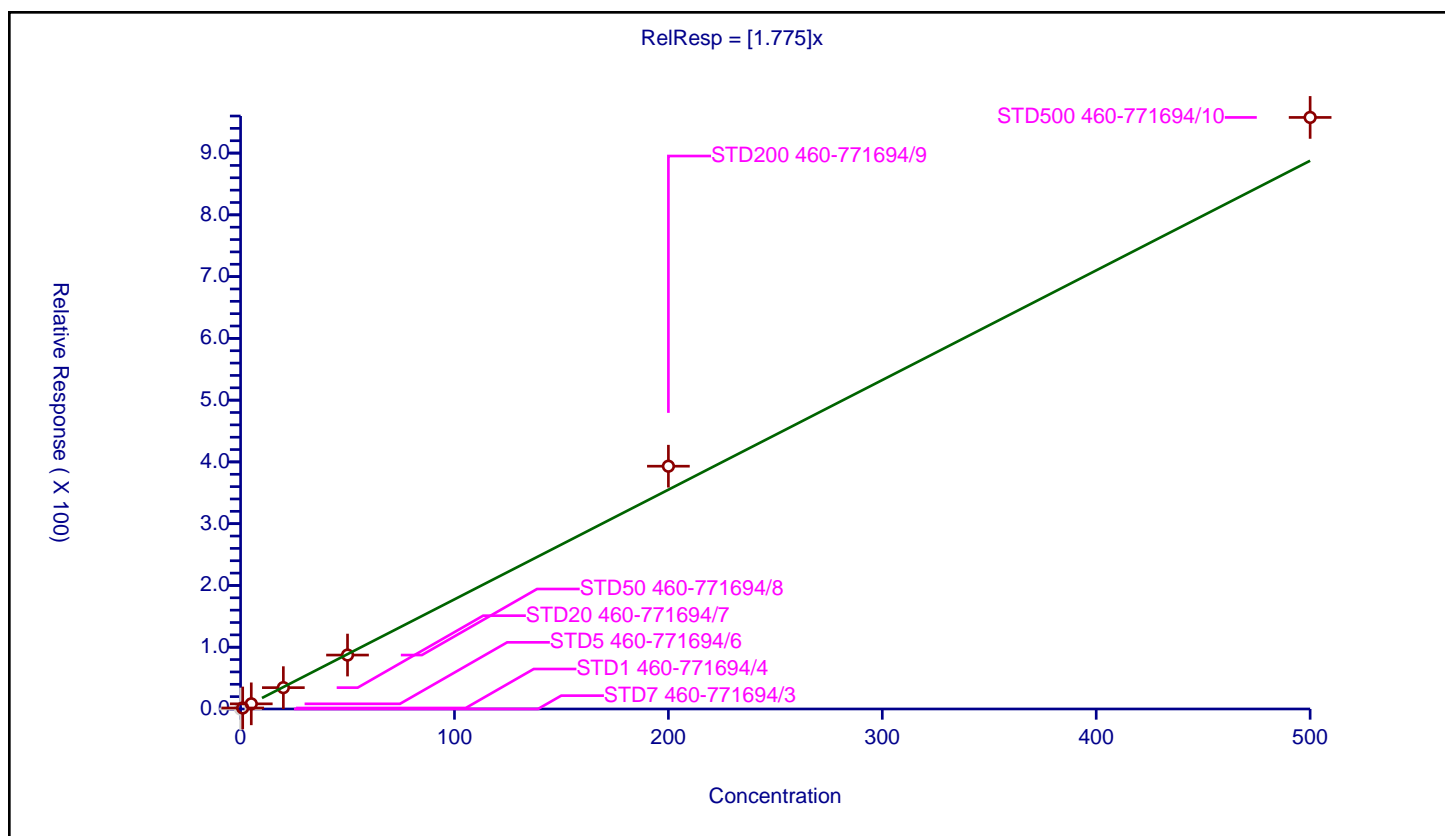
## Curve Coefficients

Intercept: 0  
 Slope: 1.775

## Error Coefficients

Standard Error: 1970000  
 Relative Standard Error: 7.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	1.62662	50.0	178960.0	1.62662	Y
3	STD5 460-771694/6	5.0	8.35	50.0	173497.0	1.67	Y
4	STD20 460-771694/7	20.0	34.555924	50.0	188684.0	1.727796	Y
5	STD50 460-771694/8	50.0	87.303327	50.0	191562.0	1.746067	Y
6	STD200 460-771694/9	200.0	393.045434	50.0	192255.0	1.965227	Y
7	STD500 460-771694/10	500.0	957.700474	50.0	215240.0	1.915401	Y



## Calibration

/ N-Propylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

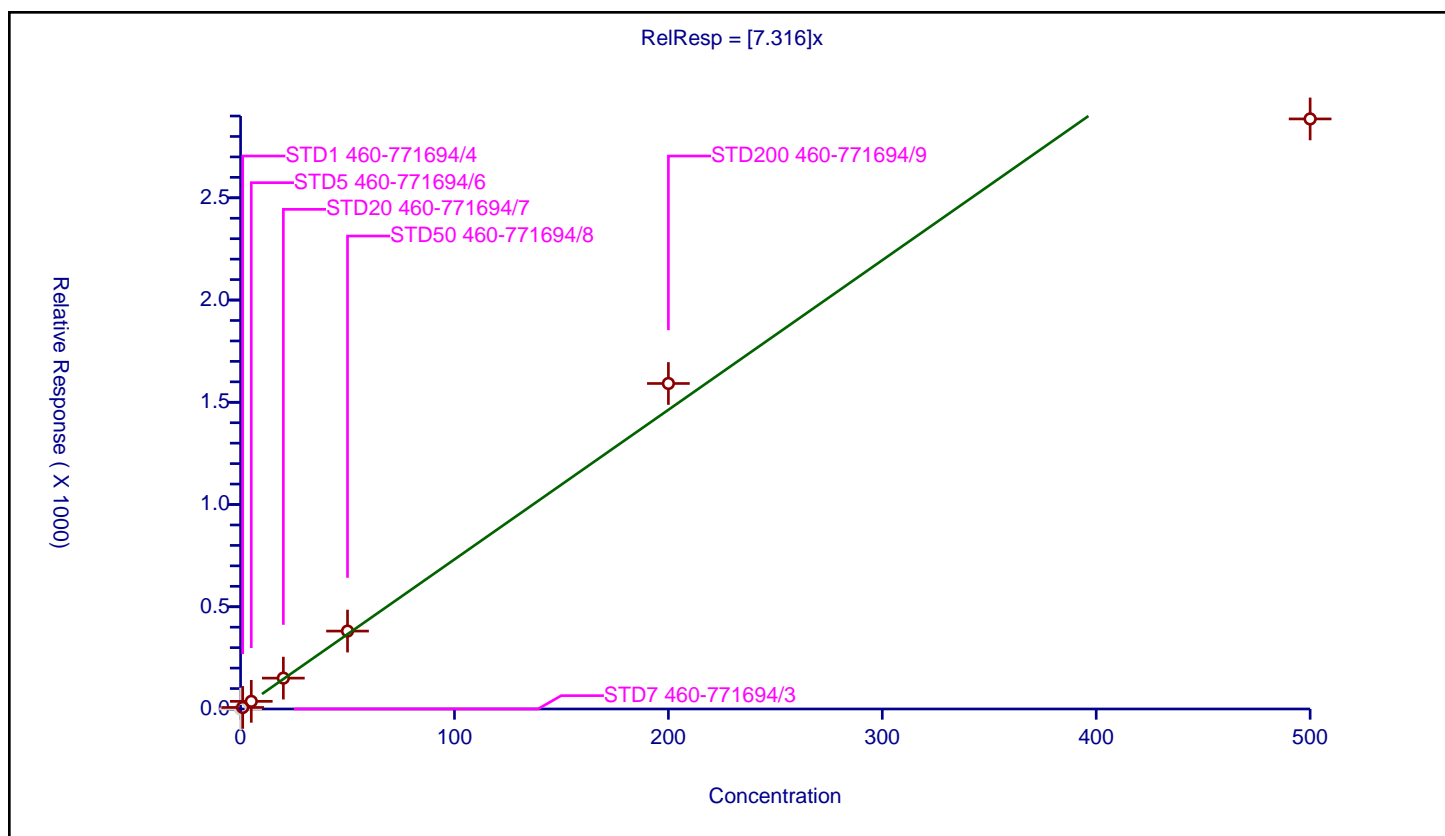
## Curve Coefficients

Intercept: 0  
Slope: 7.316

## Error Coefficients

Standard Error: 6230000  
Relative Standard Error: 10.6  
Correlation Coefficient: 0.992  
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	7.531013	50.0	178960.0	7.531013	Y
3	STD5 460-771694/6	5.0	37.330617	50.0	173497.0	7.466123	Y
4	STD20 460-771694/7	20.0	150.966166	50.0	188684.0	7.548308	Y
5	STD50 460-771694/8	50.0	381.068792	50.0	191562.0	7.621376	Y
6	STD200 460-771694/9	200.0	1591.905282	50.0	192255.0	7.959526	Y
7	STD500 460-771694/10	500.0	2885.760546	50.0	215240.0	5.771521	Y



# Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

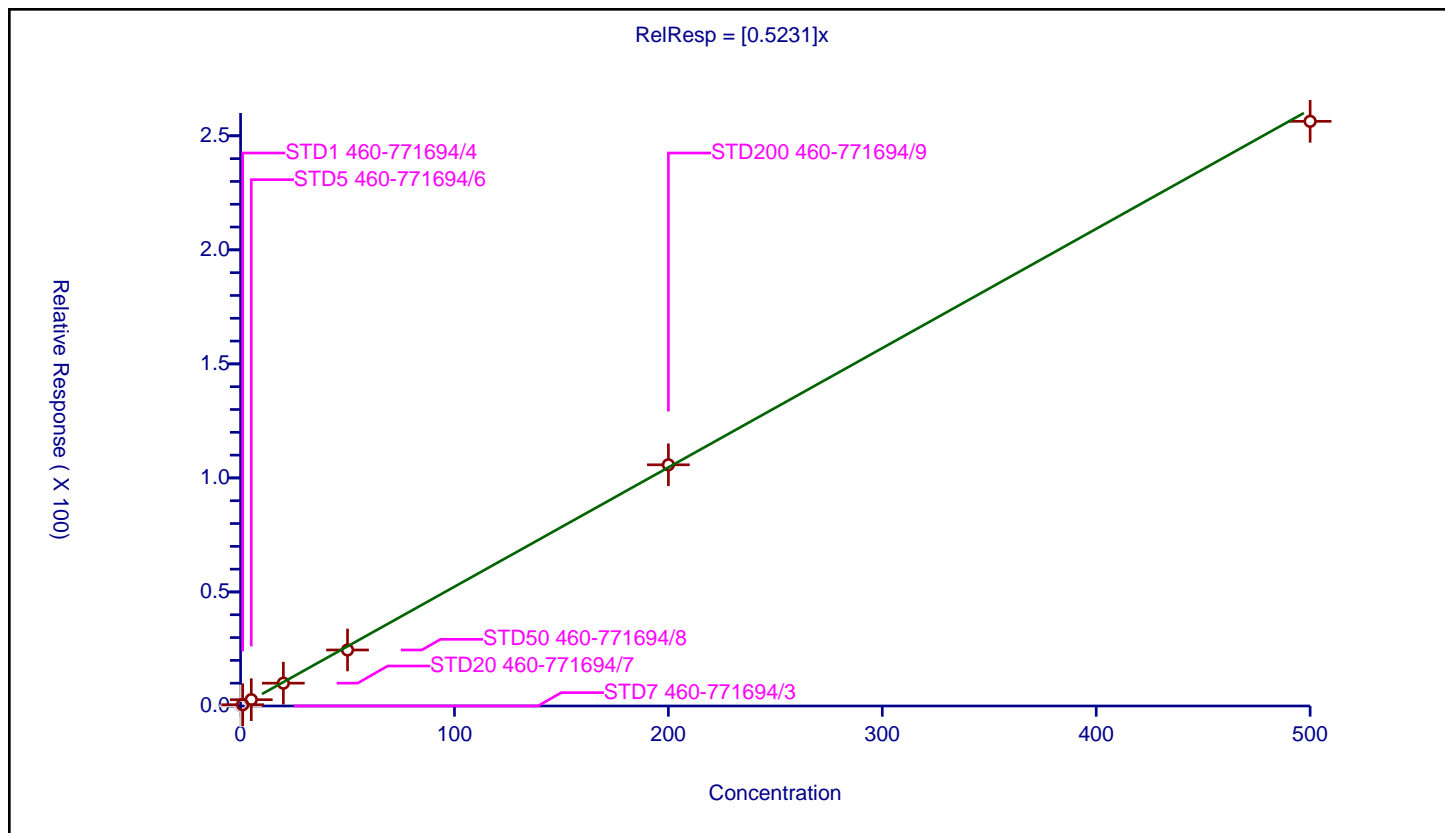
## Curve Coefficients

Intercept: 0  
 Slope: 0.5231

## Error Coefficients

Standard Error: 528000  
 Relative Standard Error: 5.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	0.553476	50.0	178960.0	0.553476	Y
3	STD5 460-771694/6	5.0	2.75999	50.0	173497.0	0.551998	Y
4	STD20 460-771694/7	20.0	10.004823	50.0	188684.0	0.500241	Y
5	STD50 460-771694/8	50.0	24.556018	50.0	191562.0	0.49112	Y
6	STD200 460-771694/9	200.0	105.749655	50.0	192255.0	0.528748	Y
7	STD500 460-771694/10	500.0	256.364291	50.0	215240.0	0.512729	Y



# Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

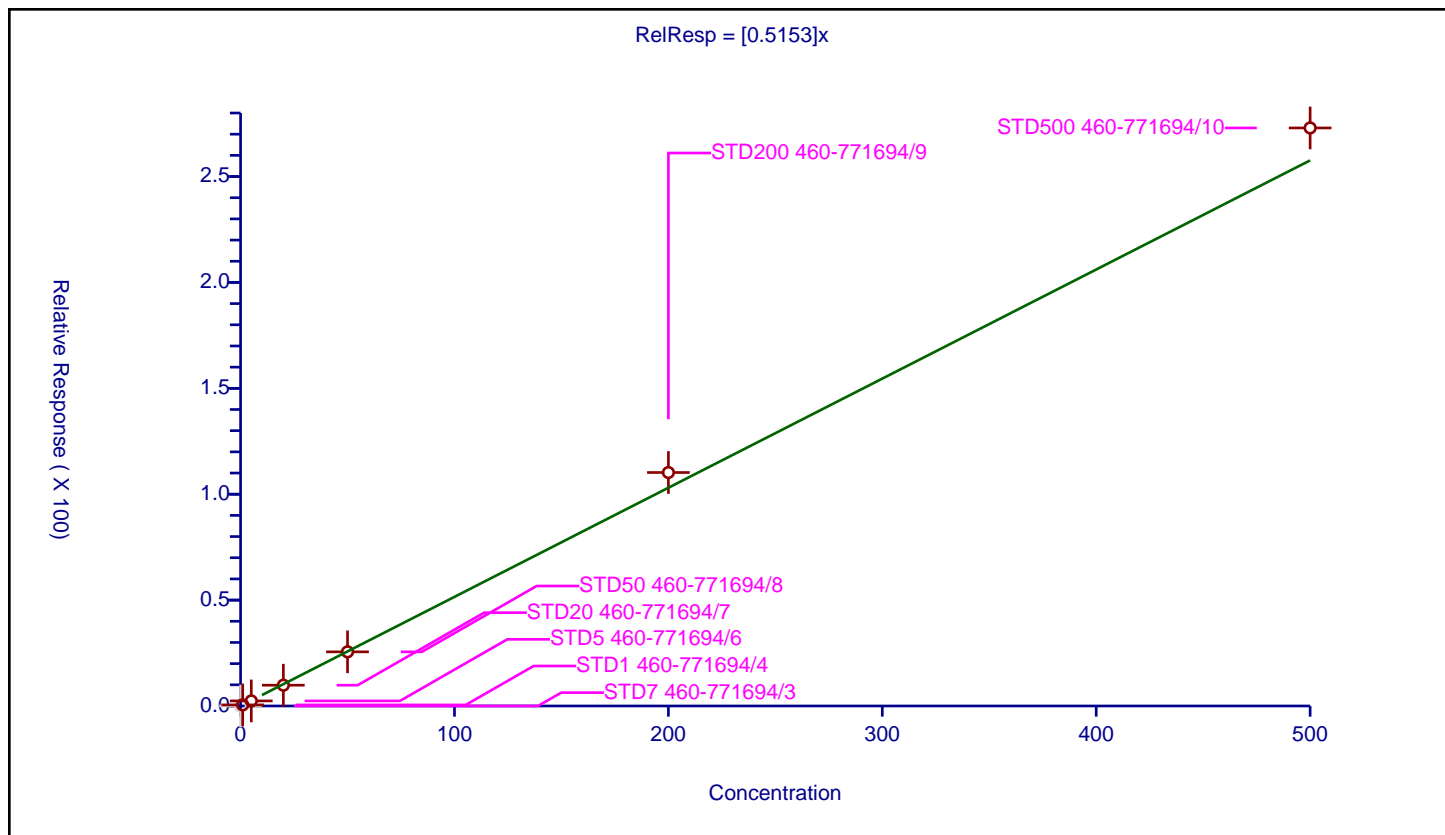
## Curve Coefficients

Intercept: 0  
 Slope: 0.5153

## Error Coefficients

Standard Error: 560000  
 Relative Standard Error: 5.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	0.513243	50.0	178960.0	0.513243	Y
3	STD5 460-771694/6	5.0	2.395719	50.0	173497.0	0.479144	Y
4	STD20 460-771694/7	20.0	9.812173	50.0	188684.0	0.490609	Y
5	STD50 460-771694/8	50.0	25.571617	50.0	191562.0	0.511432	Y
6	STD200 460-771694/9	200.0	110.242126	50.0	192255.0	0.551211	Y
7	STD500 460-771694/10	500.0	272.949963	50.0	215240.0	0.5459	Y





# Calibration

/ 2-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

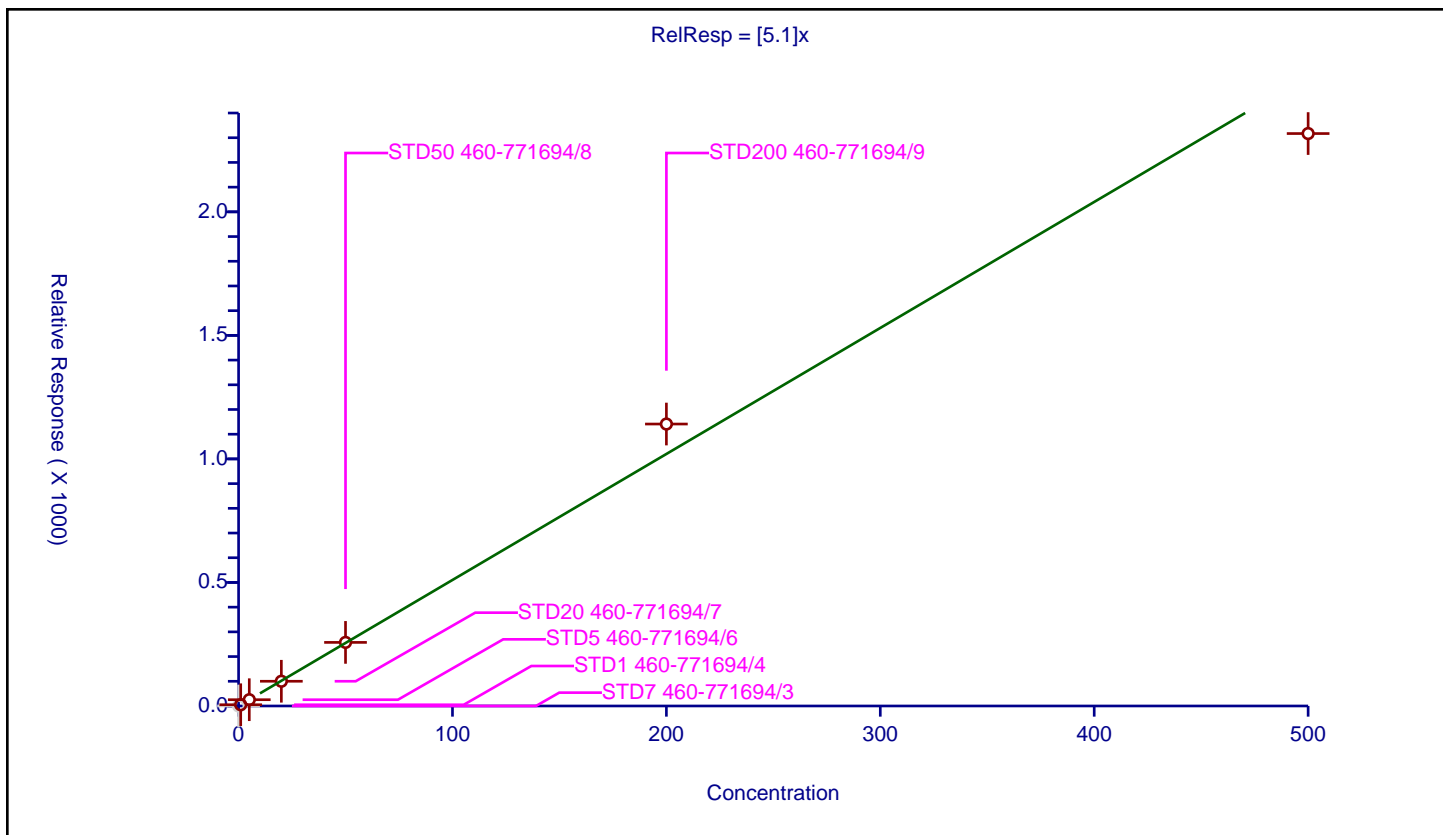
## Curve Coefficients

Intercept: 0  
 Slope: 5.1

## Error Coefficients

Standard Error: 4890000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	5.016205	50.0	178960.0	5.016205	Y
3	STD5 460-771694/6	5.0	25.456348	50.0	173497.0	5.09127	Y
4	STD20 460-771694/7	20.0	100.120837	50.0	188684.0	5.006042	Y
5	STD50 460-771694/8	50.0	257.369155	50.0	191562.0	5.147383	Y
6	STD200 460-771694/9	200.0	1141.201269	50.0	192255.0	5.706006	Y
7	STD500 460-771694/10	500.0	2316.856765	50.0	215240.0	4.633714	Y



# Calibration

/ 4-Ethyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

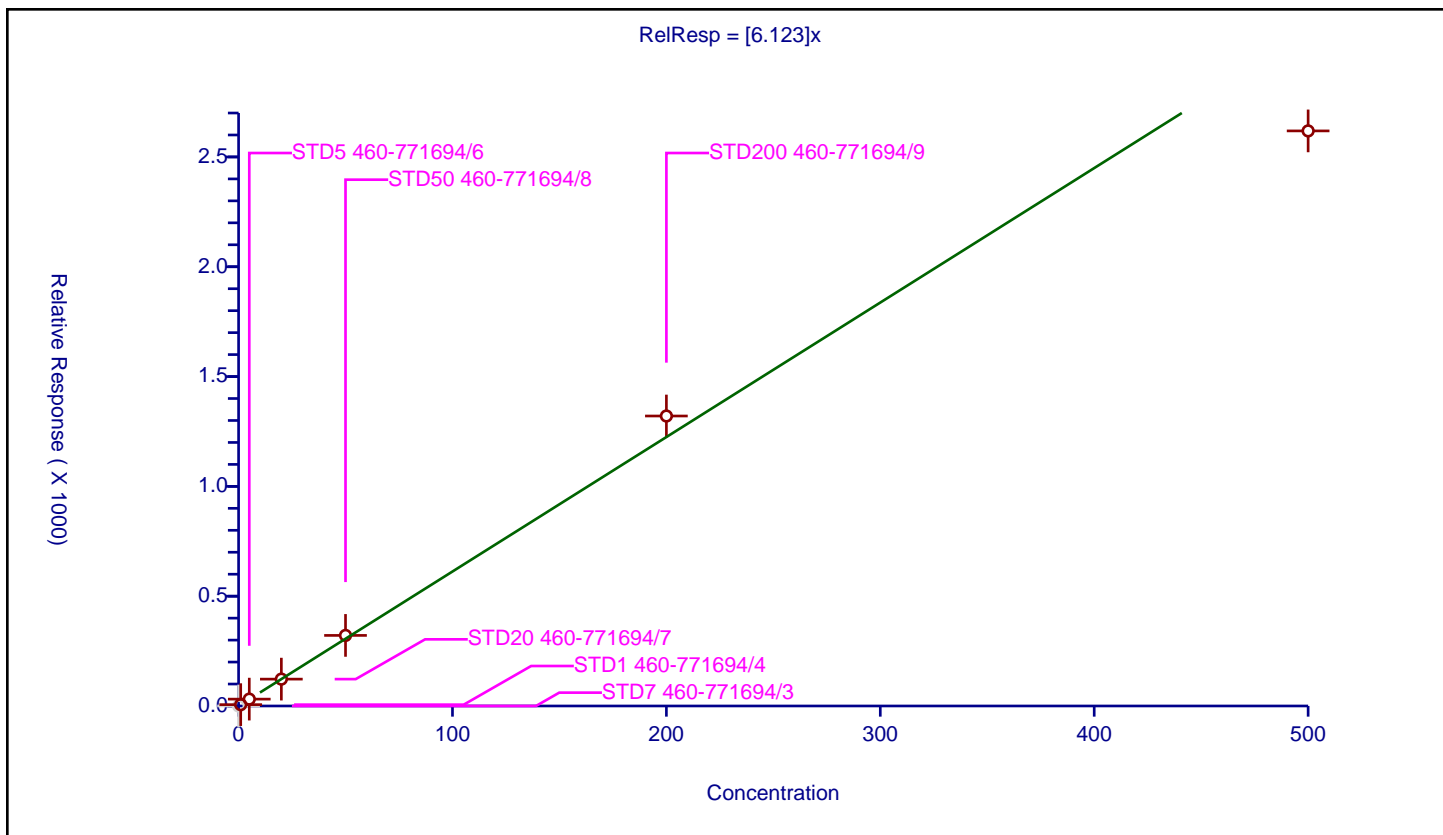
## Curve Coefficients

Intercept: 0  
 Slope: 6.123

## Error Coefficients

Standard Error: 5560000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	6.118406	50.0	178960.0	6.118406	Y
3	STD5 460-771694/6	5.0	31.207168	50.0	173497.0	6.241434	Y
4	STD20 460-771694/7	20.0	122.279314	50.0	188684.0	6.113966	Y
5	STD50 460-771694/8	50.0	321.298848	50.0	191562.0	6.425977	Y
6	STD200 460-771694/9	200.0	1320.350316	50.0	192255.0	6.601752	Y
7	STD500 460-771694/10	500.0	2618.497491	50.0	215240.0	5.236995	Y



# Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

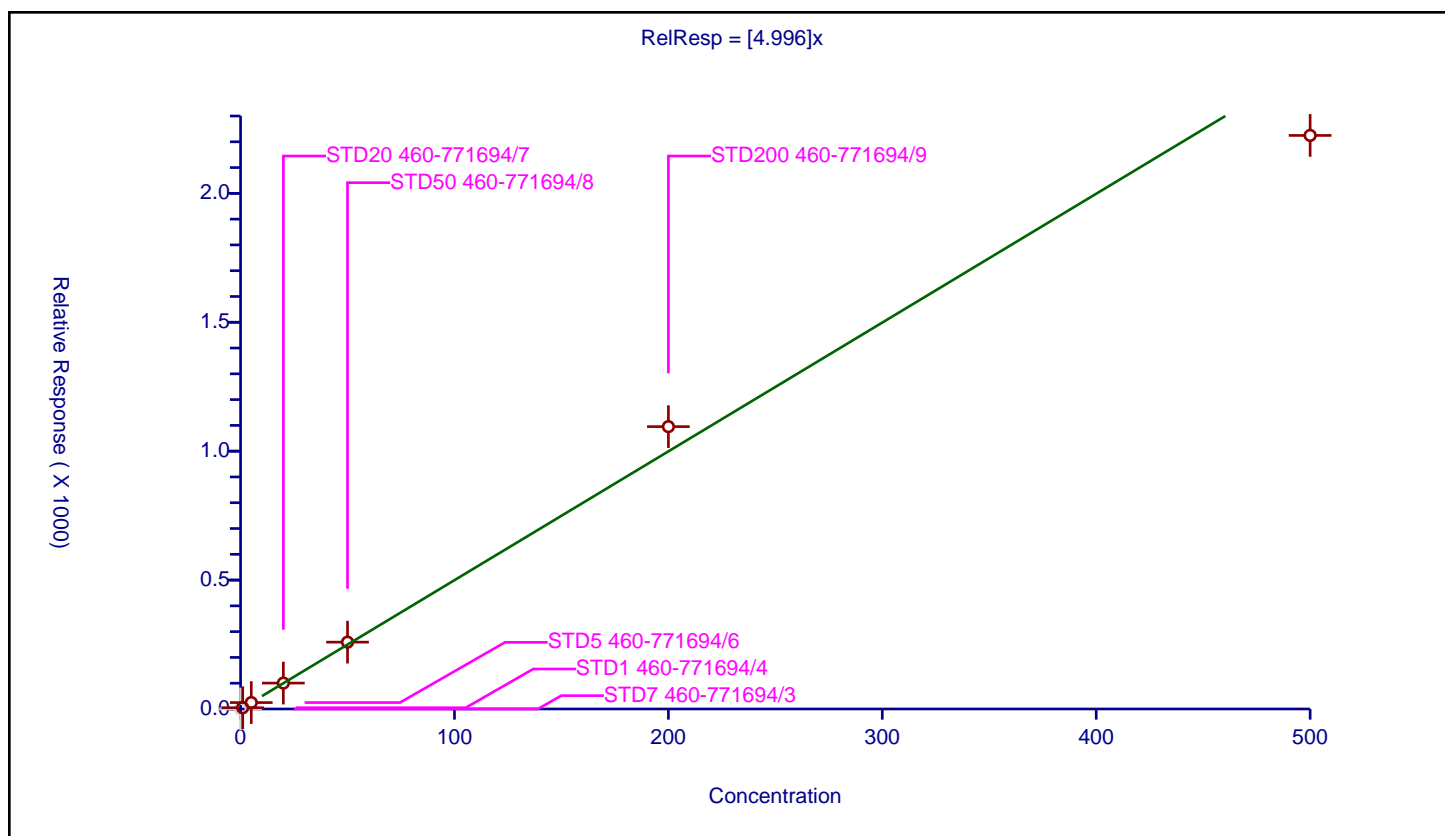
## Curve Coefficients

Intercept: 0  
 Slope: 4.996

## Error Coefficients

Standard Error: 4700000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.879303	50.0	178960.0	4.879303	Y
3	STD5 460-771694/6	5.0	24.826654	50.0	173497.0	4.965331	Y
4	STD20 460-771694/7	20.0	100.437504	50.0	188684.0	5.021875	Y
5	STD50 460-771694/8	50.0	259.249747	50.0	191562.0	5.184995	Y
6	STD200 460-771694/9	200.0	1095.173337	50.0	192255.0	5.475867	Y
7	STD500 460-771694/10	500.0	2224.745633	50.0	215240.0	4.449491	Y



# Calibration

/ 4-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

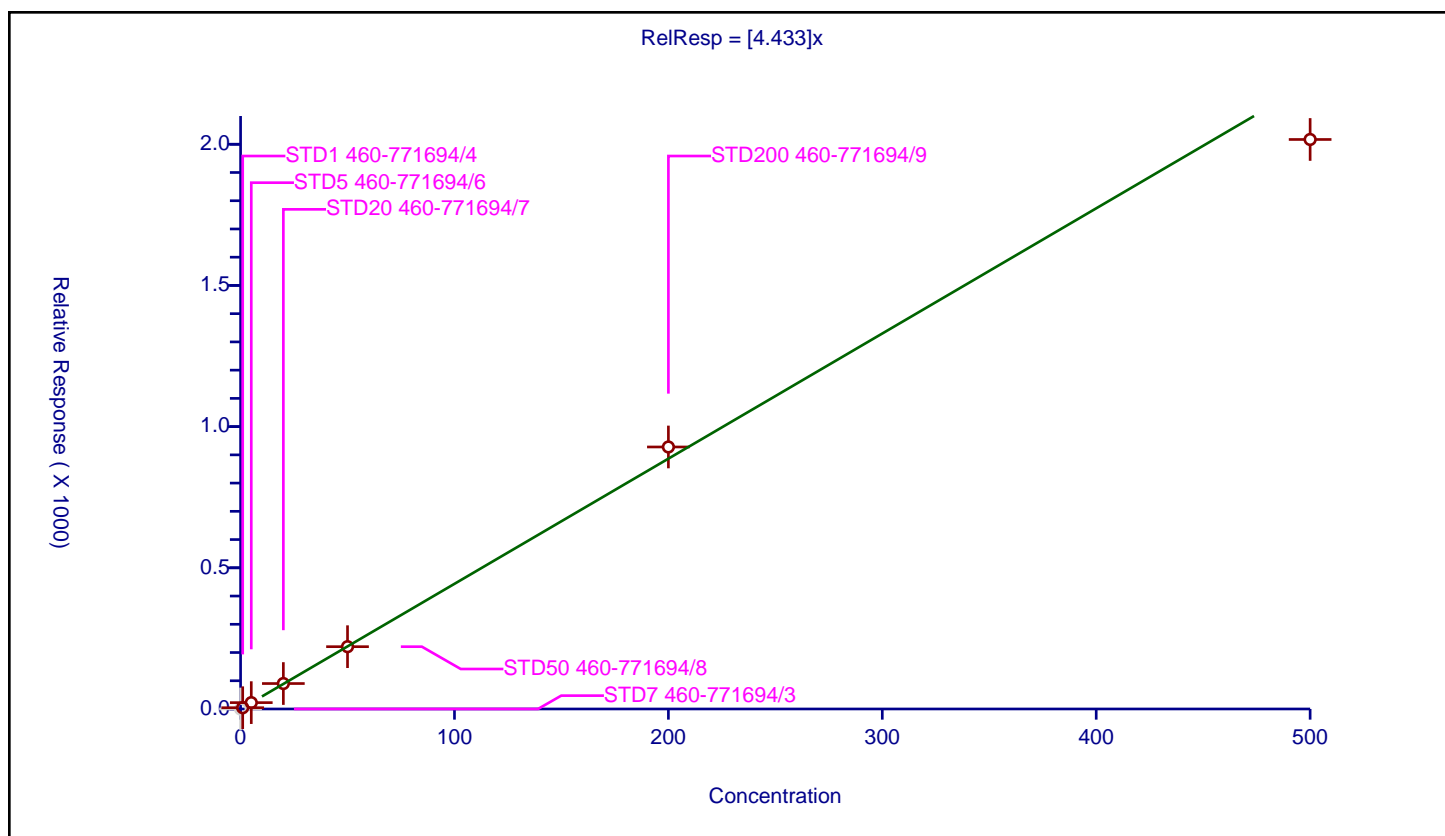
## Curve Coefficients

Intercept: 0  
 Slope: 4.433

## Error Coefficients

Standard Error: 4220000  
 Relative Standard Error: 4.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.497374	50.0	178960.0	4.497374	Y
3	STD5 460-771694/6	5.0	22.514222	50.0	173497.0	4.502844	Y
4	STD20 460-771694/7	20.0	90.180672	50.0	188684.0	4.509034	Y
5	STD50 460-771694/8	50.0	220.628308	50.0	191562.0	4.412566	Y
6	STD200 460-771694/9	200.0	927.900185	50.0	192255.0	4.639501	Y
7	STD500 460-771694/10	500.0	2016.869309	50.0	215240.0	4.033739	Y



# Calibration

/ Butyl Methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

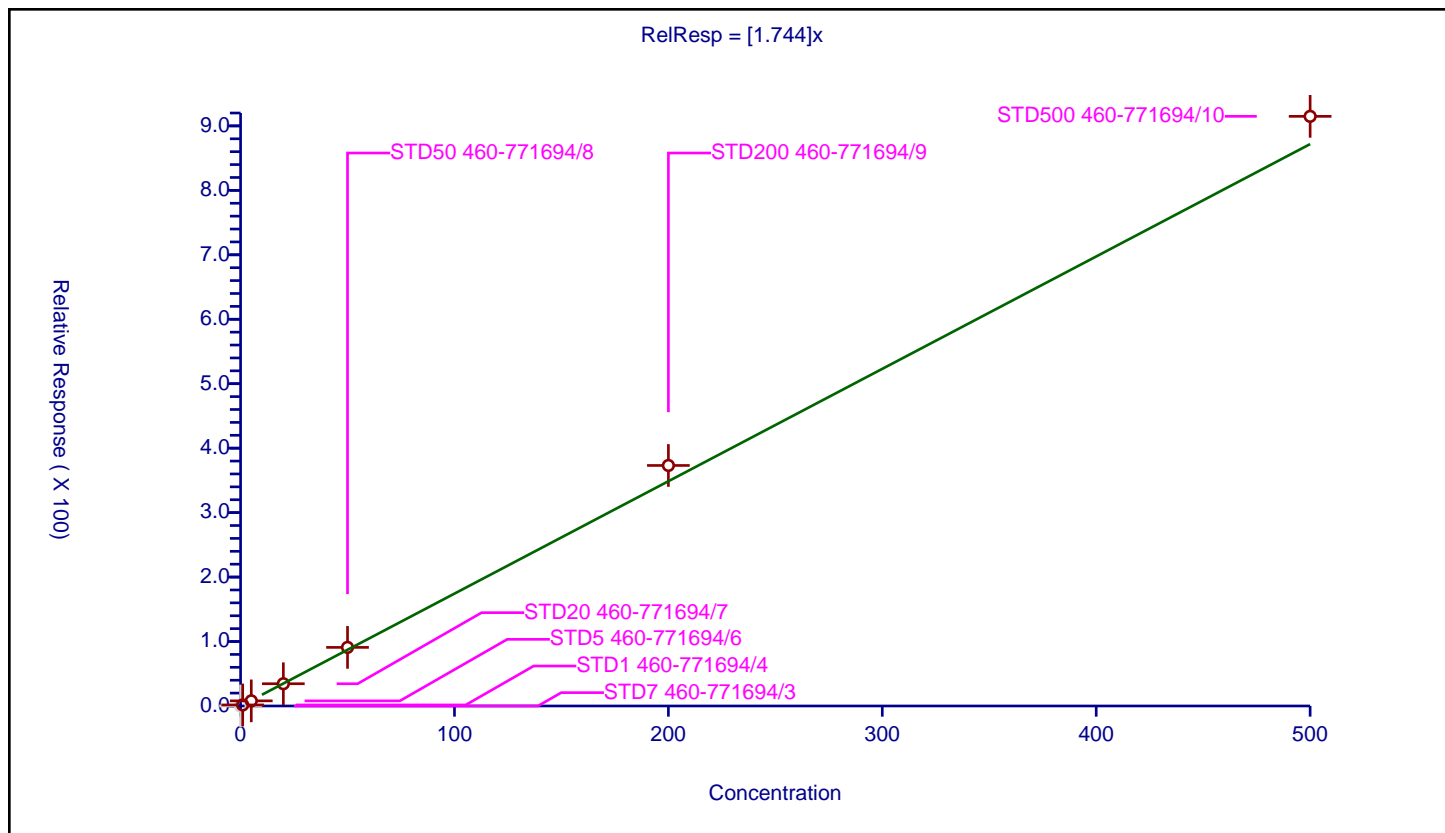
## Curve Coefficients

Intercept: 0  
 Slope: 1.744

## Error Coefficients

Standard Error: 1880000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	1.629414	50.0	178960.0	1.629414	Y
3	STD5 460-771694/6	5.0	7.954316	50.0	173497.0	1.590863	Y
4	STD20 460-771694/7	20.0	34.536315	50.0	188684.0	1.726816	Y
5	STD50 460-771694/8	50.0	90.934006	50.0	191562.0	1.81868	Y
6	STD200 460-771694/9	200.0	373.155445	50.0	192255.0	1.865777	Y
7	STD500 460-771694/10	500.0	914.846915	50.0	215240.0	1.829694	Y



## Calibration

/ tert-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

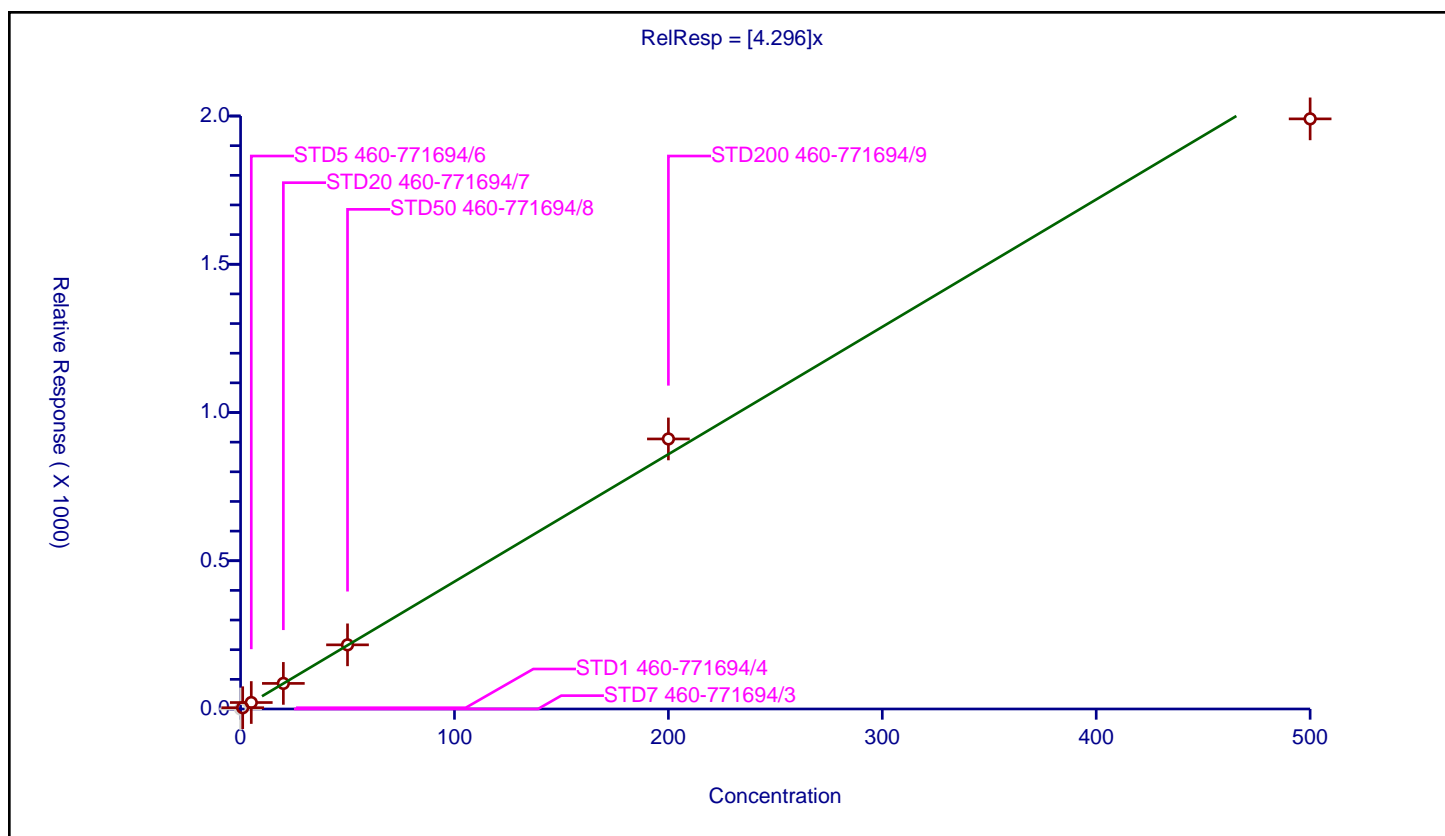
## Curve Coefficients

Intercept: 0  
Slope: 4.296

## Error Coefficients

Standard Error: 4160000  
Relative Standard Error: 4.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.236142	50.0	178960.0	4.236142	Y
3	STD5 460-771694/6	5.0	21.816804	50.0	173497.0	4.363361	Y
4	STD20 460-771694/7	20.0	86.308325	50.0	188684.0	4.315416	Y
5	STD50 460-771694/8	50.0	216.357106	50.0	191562.0	4.327142	Y
6	STD200 460-771694/9	200.0	910.835609	50.0	192255.0	4.554178	Y
7	STD500 460-771694/10	500.0	1990.410937	50.0	215240.0	3.980822	Y



# Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

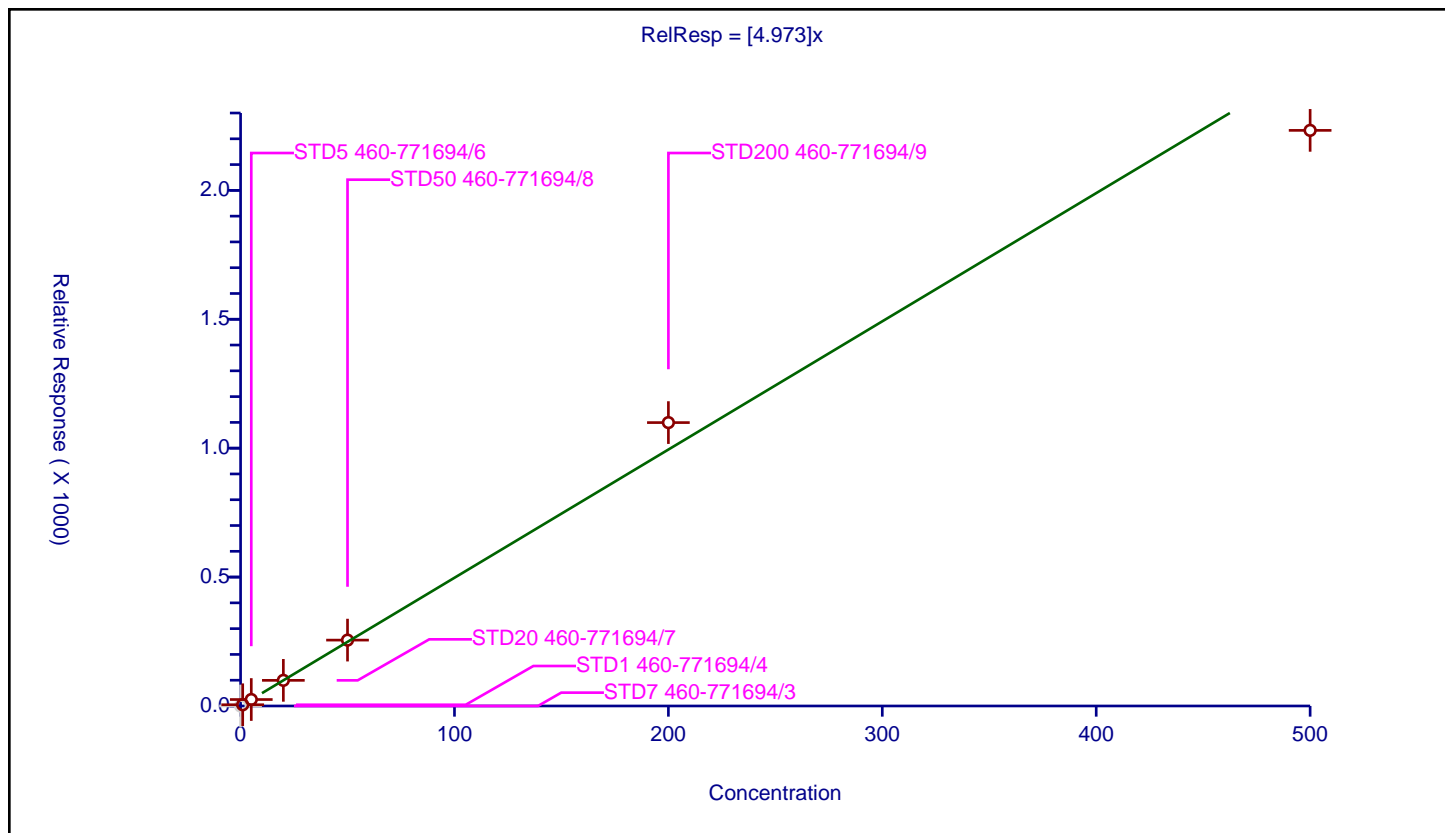
## Curve Coefficients

Intercept: 0  
 Slope: 4.973

## Error Coefficients

Standard Error: 4720000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.776486	50.0	178960.0	4.776486	Y
3	STD5 460-771694/6	5.0	25.100146	50.0	173497.0	5.020029	Y
4	STD20 460-771694/7	20.0	99.41781	50.0	188684.0	4.97089	Y
5	STD50 460-771694/8	50.0	255.493261	50.0	191562.0	5.109865	Y
6	STD200 460-771694/9	200.0	1099.257757	50.0	192255.0	5.496289	Y
7	STD500 460-771694/10	500.0	2232.636592	50.0	215240.0	4.465273	Y



# Calibration

/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

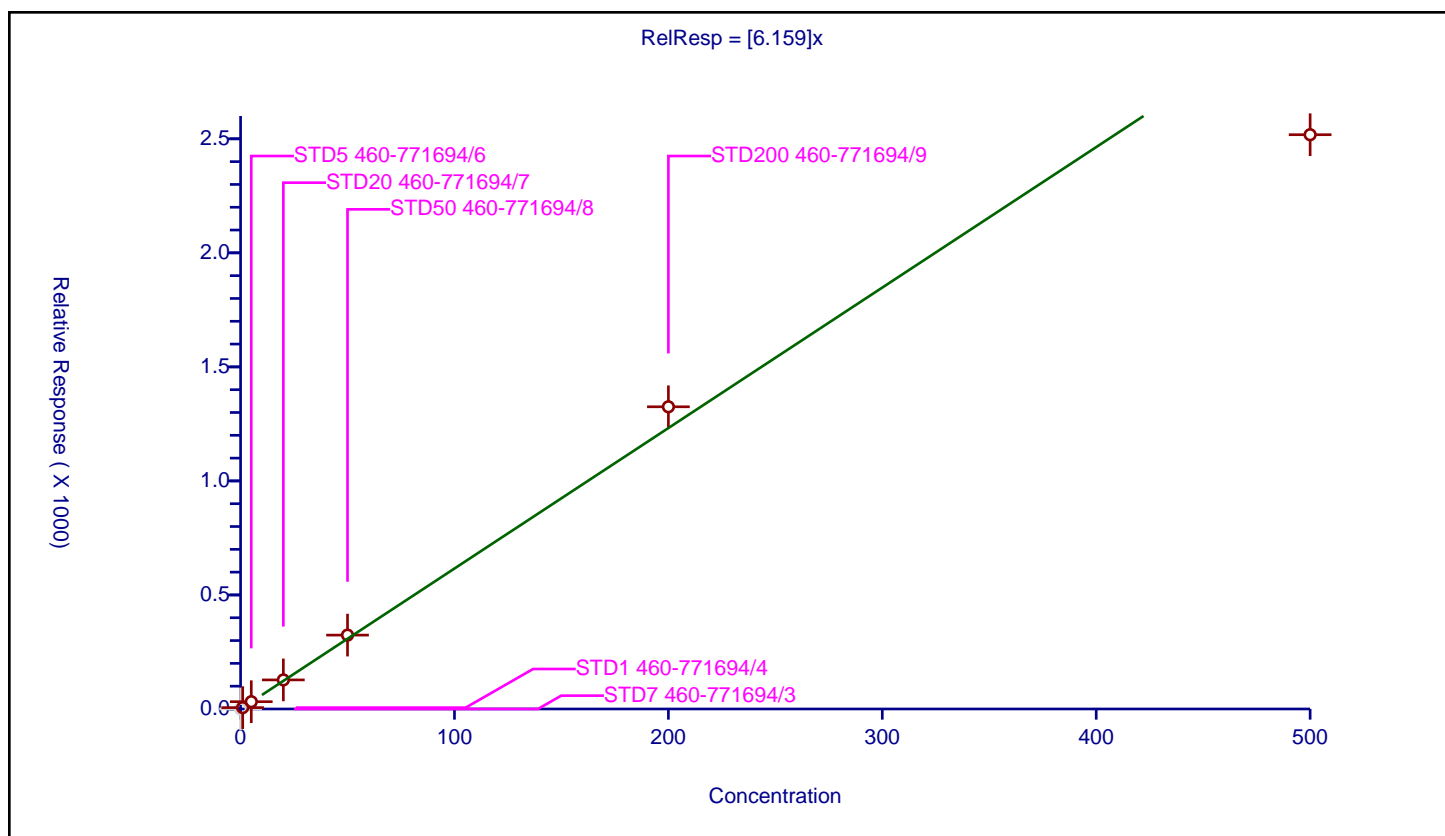
## Curve Coefficients

Intercept: 0  
 Slope: 6.159

## Error Coefficients

Standard Error: 5390000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	6.053308	50.0	178960.0	6.053308	Y
3	STD5 460-771694/6	5.0	31.929371	50.0	173497.0	6.385874	Y
4	STD20 460-771694/7	20.0	127.505247	50.0	188684.0	6.375262	Y
5	STD50 460-771694/8	50.0	323.982836	50.0	191562.0	6.479657	Y
6	STD200 460-771694/9	200.0	1325.020936	50.0	192255.0	6.625105	Y
7	STD500 460-771694/10	500.0	2517.977839	50.0	215240.0	5.035956	Y





# Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

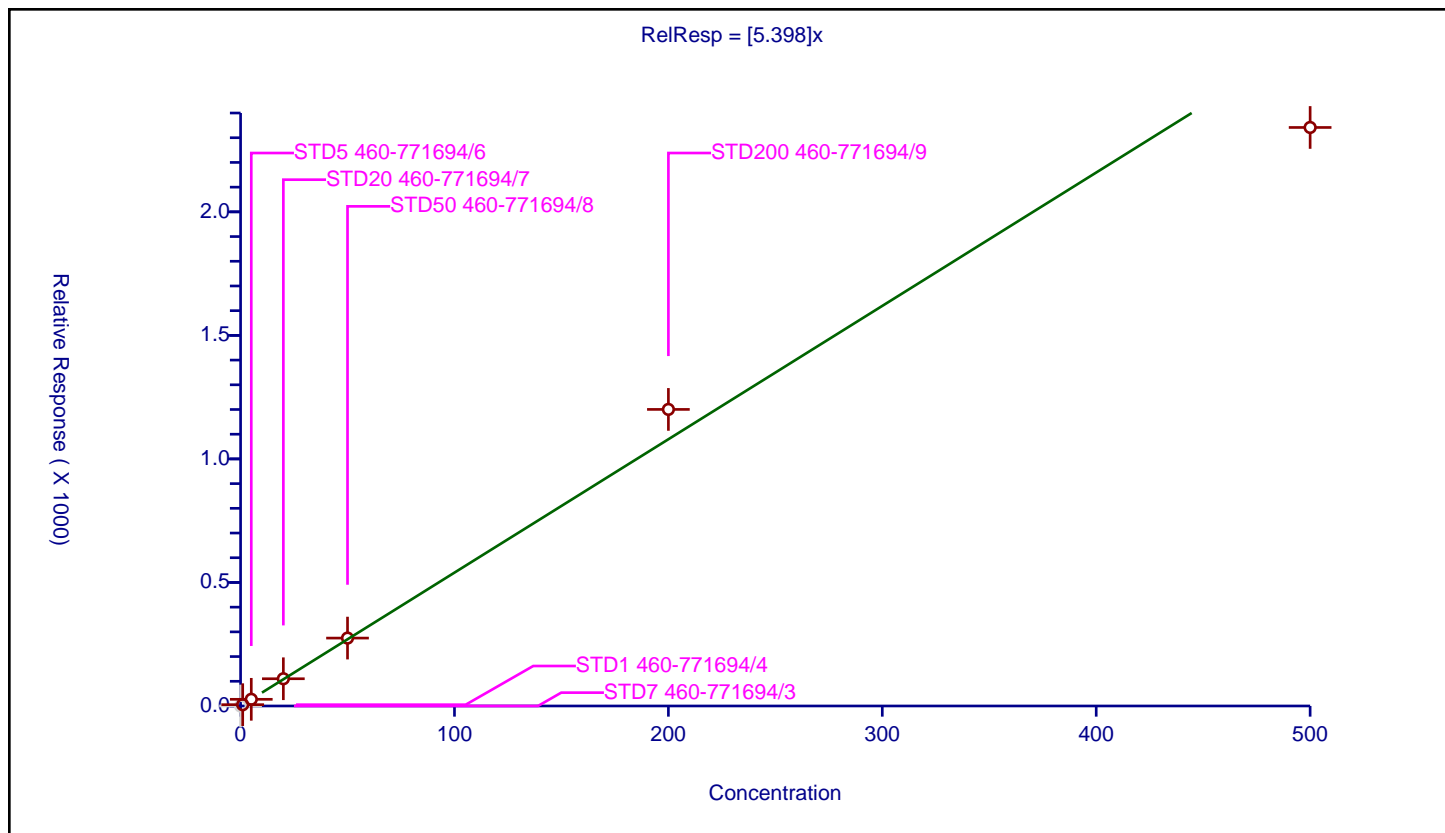
## Curve Coefficients

Intercept: 0  
 Slope: 5.398

## Error Coefficients

Standard Error: 4980000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	5.287774	50.0	178960.0	5.287774	Y
3	STD5 460-771694/6	5.0	27.032168	50.0	173497.0	5.406434	Y
4	STD20 460-771694/7	20.0	110.197738	50.0	188684.0	5.509887	Y
5	STD50 460-771694/8	50.0	274.894812	50.0	191562.0	5.497896	Y
6	STD200 460-771694/9	200.0	1200.382305	50.0	192255.0	6.001912	Y
7	STD500 460-771694/10	500.0	2341.461857	50.0	215240.0	4.682924	Y



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

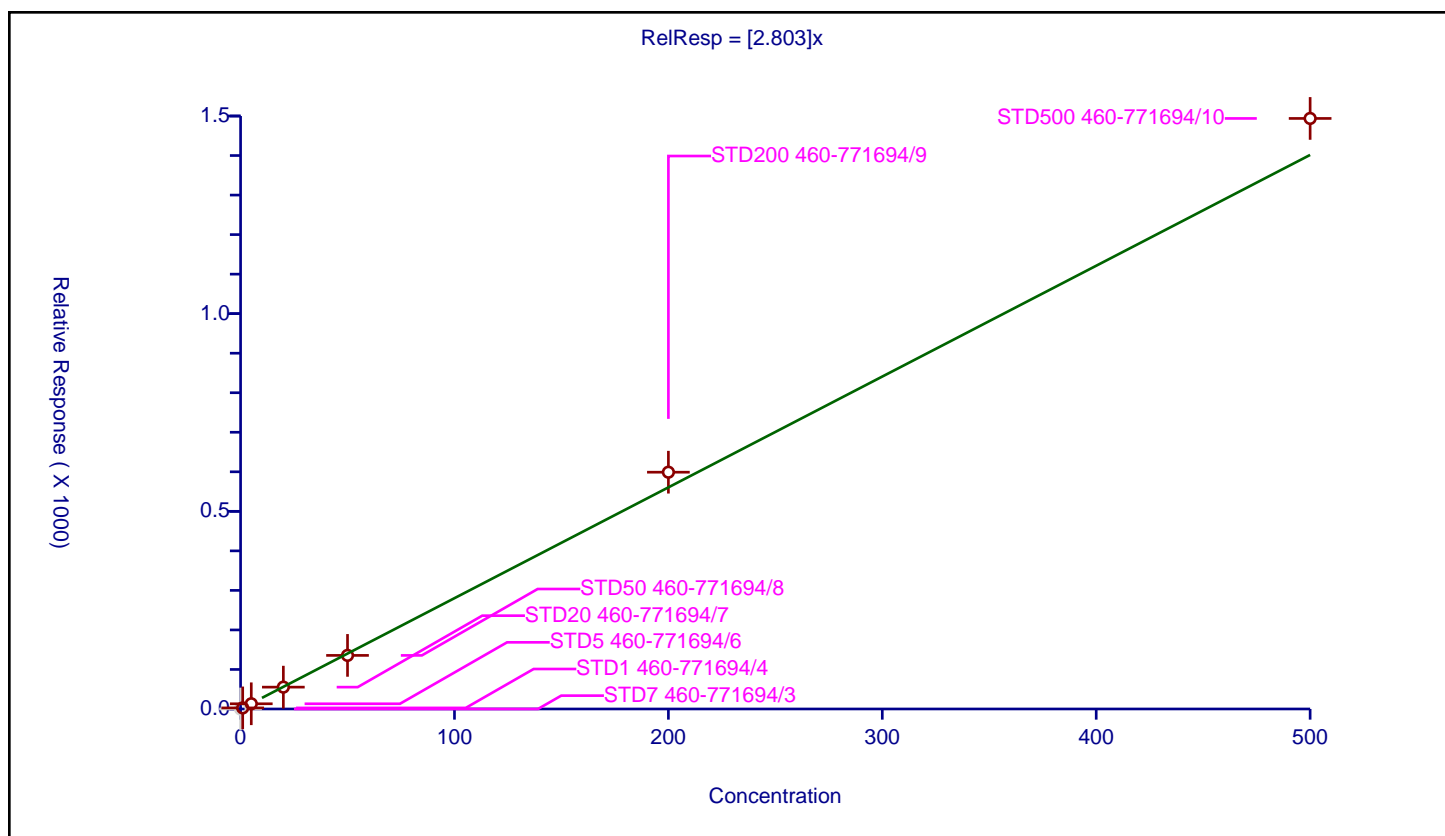
## Curve Coefficients

Intercept: 0  
 Slope: 2.803

## Error Coefficients

Standard Error: 3060000  
 Relative Standard Error: 5.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	2.716808	50.0	178960.0	2.716808	Y
3	STD5 460-771694/6	5.0	13.220113	50.0	173497.0	2.644023	Y
4	STD20 460-771694/7	20.0	55.298806	50.0	188684.0	2.76494	Y
5	STD50 460-771694/8	50.0	135.522703	50.0	191562.0	2.710454	Y
6	STD200 460-771694/9	200.0	598.954253	50.0	192255.0	2.994771	Y
7	STD500 460-771694/10	500.0	1493.868008	50.0	215240.0	2.987736	Y



# Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

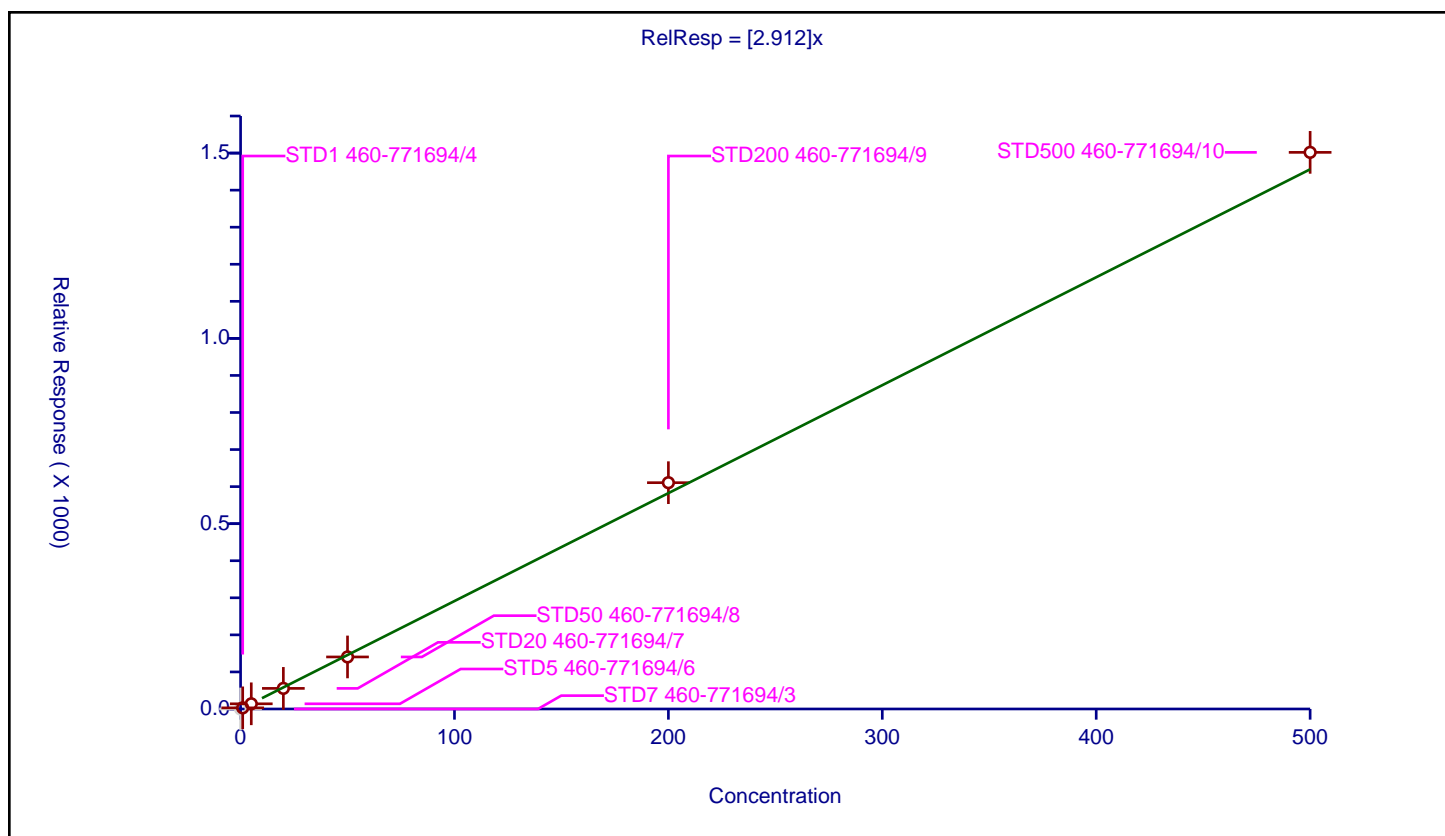
## Curve Coefficients

Intercept: 0  
 Slope: 2.912

## Error Coefficients

Standard Error: 3090000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	3.031683	50.0	178960.0	3.031683	Y
3	STD5 460-771694/6	5.0	13.984392	50.0	173497.0	2.796878	Y
4	STD20 460-771694/7	20.0	55.588974	50.0	188684.0	2.779449	Y
5	STD50 460-771694/8	50.0	140.429208	50.0	191562.0	2.808584	Y
6	STD200 460-771694/9	200.0	610.649138	50.0	192255.0	3.053246	Y
7	STD500 460-771694/10	500.0	1501.909961	50.0	215240.0	3.00382	Y



# Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

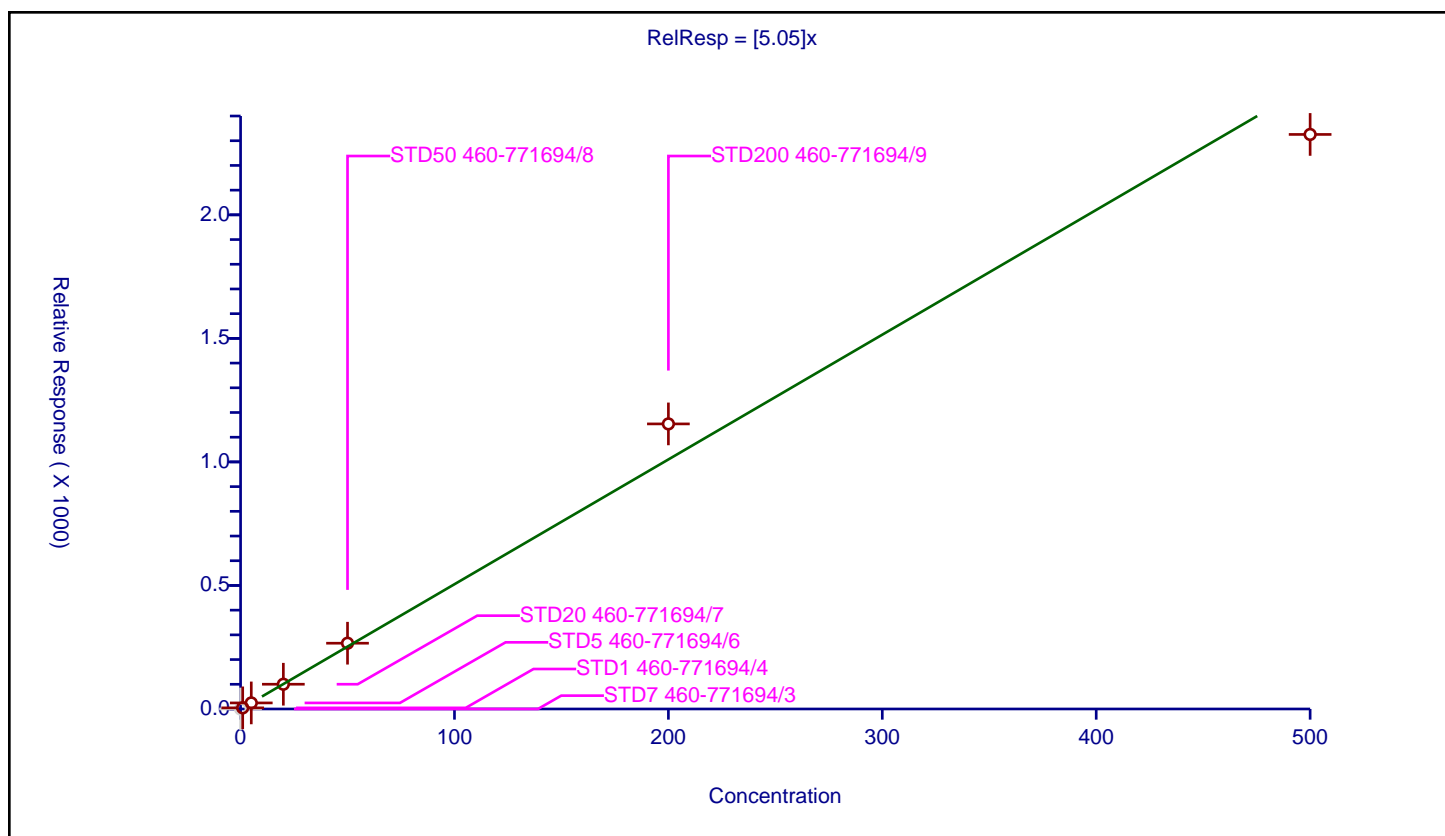
## Curve Coefficients

Intercept: 0  
 Slope: 5.05

## Error Coefficients

Standard Error: 4920000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.628129	50.0	178960.0	4.628129	Y
3	STD5 460-771694/6	5.0	24.581405	50.0	173497.0	4.916281	Y
4	STD20 460-771694/7	20.0	100.188675	50.0	188684.0	5.009434	Y
5	STD50 460-771694/8	50.0	266.212767	50.0	191562.0	5.324255	Y
6	STD200 460-771694/9	200.0	1153.854516	50.0	192255.0	5.769273	Y
7	STD500 460-771694/10	500.0	2325.464365	50.0	215240.0	4.650929	Y



# Calibration

/ Benzyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

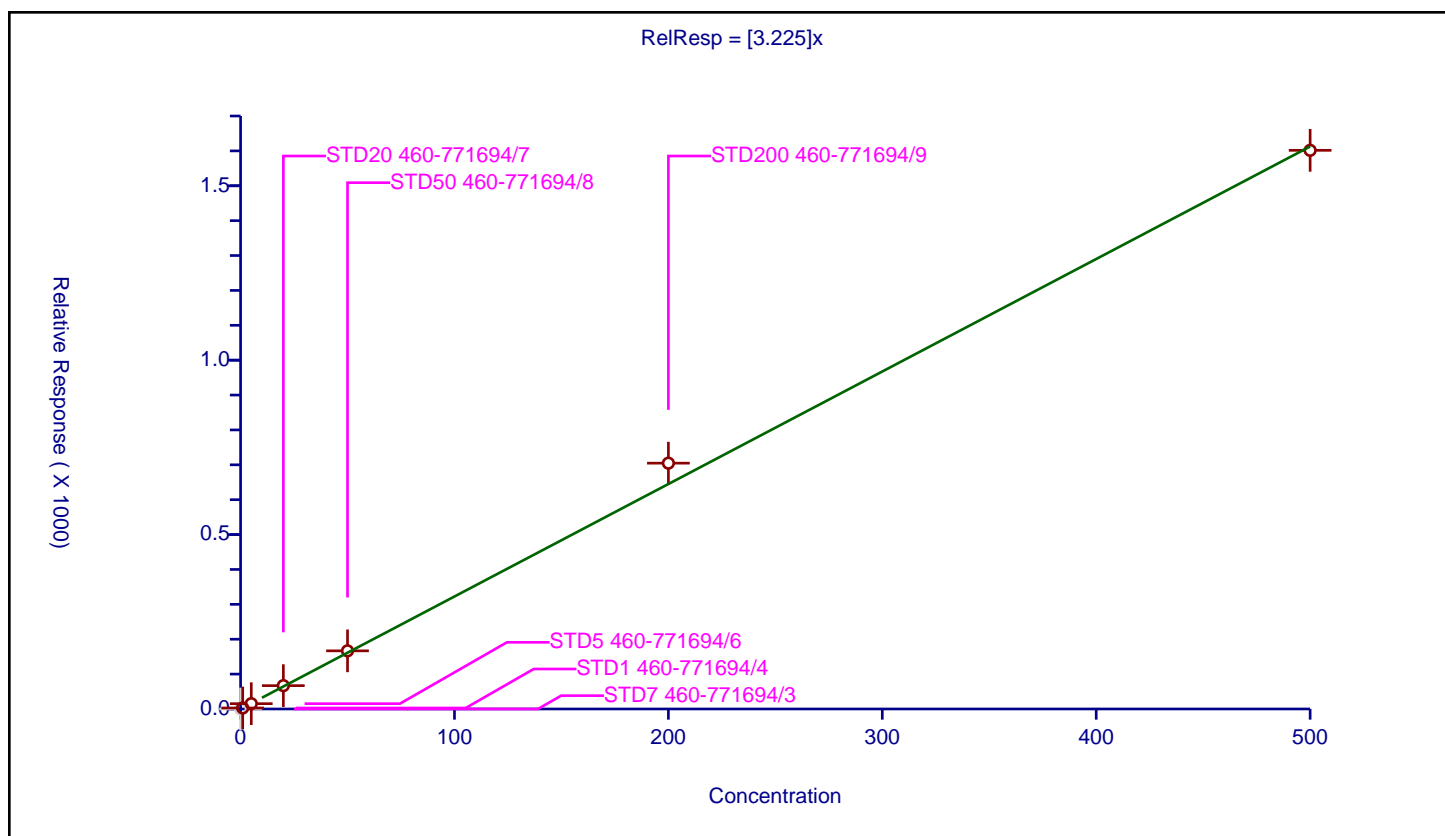
## Curve Coefficients

Intercept: 0  
 Slope: 3.225

## Error Coefficients

Standard Error: 3330000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	2.898134	50.0	178960.0	2.898134	Y
3	STD5 460-771694/6	5.0	15.216978	50.0	173497.0	3.043396	Y
4	STD20 460-771694/7	20.0	66.952683	50.0	188684.0	3.347634	Y
5	STD50 460-771694/8	50.0	166.712866	50.0	191562.0	3.334257	Y
6	STD200 460-771694/9	200.0	704.772828	50.0	192255.0	3.523864	Y
7	STD500 460-771694/10	500.0	1601.577541	50.0	215240.0	3.203155	Y



# Calibration

/ 2,3-Dihydroindene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

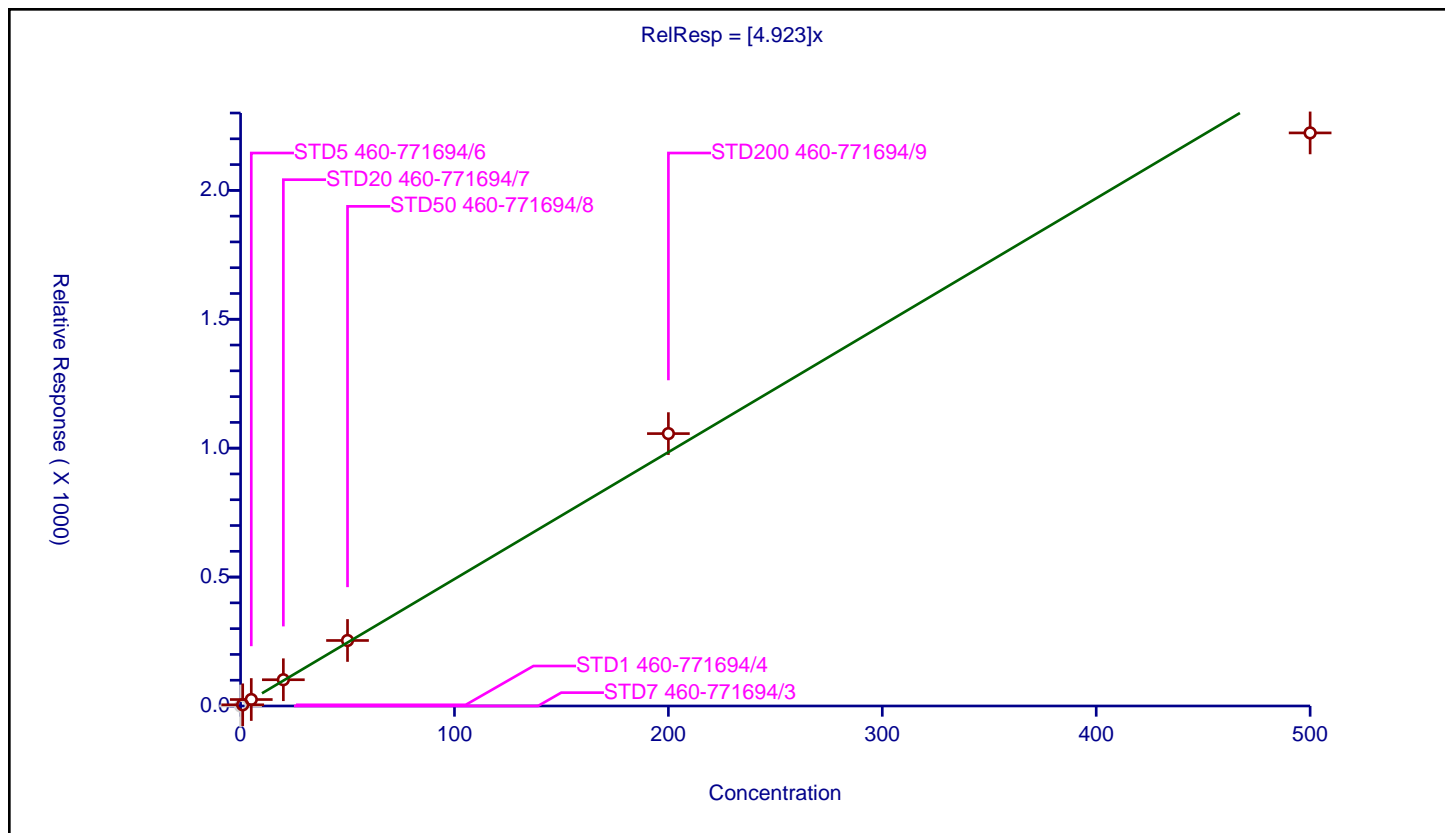
## Curve Coefficients

Intercept: 0  
 Slope: 4.923

## Error Coefficients

Standard Error: 4670000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.622262	50.0	178960.0	4.622262	Y
3	STD5 460-771694/6	5.0	25.087465	50.0	173497.0	5.017493	Y
4	STD20 460-771694/7	20.0	101.78261	50.0	188684.0	5.089131	Y
5	STD50 460-771694/8	50.0	254.082751	50.0	191562.0	5.081655	Y
6	STD200 460-771694/9	200.0	1056.559777	50.0	192255.0	5.282799	Y
7	STD500 460-771694/10	500.0	2222.79409	50.0	215240.0	4.445588	Y



# Calibration

/ p-Diethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

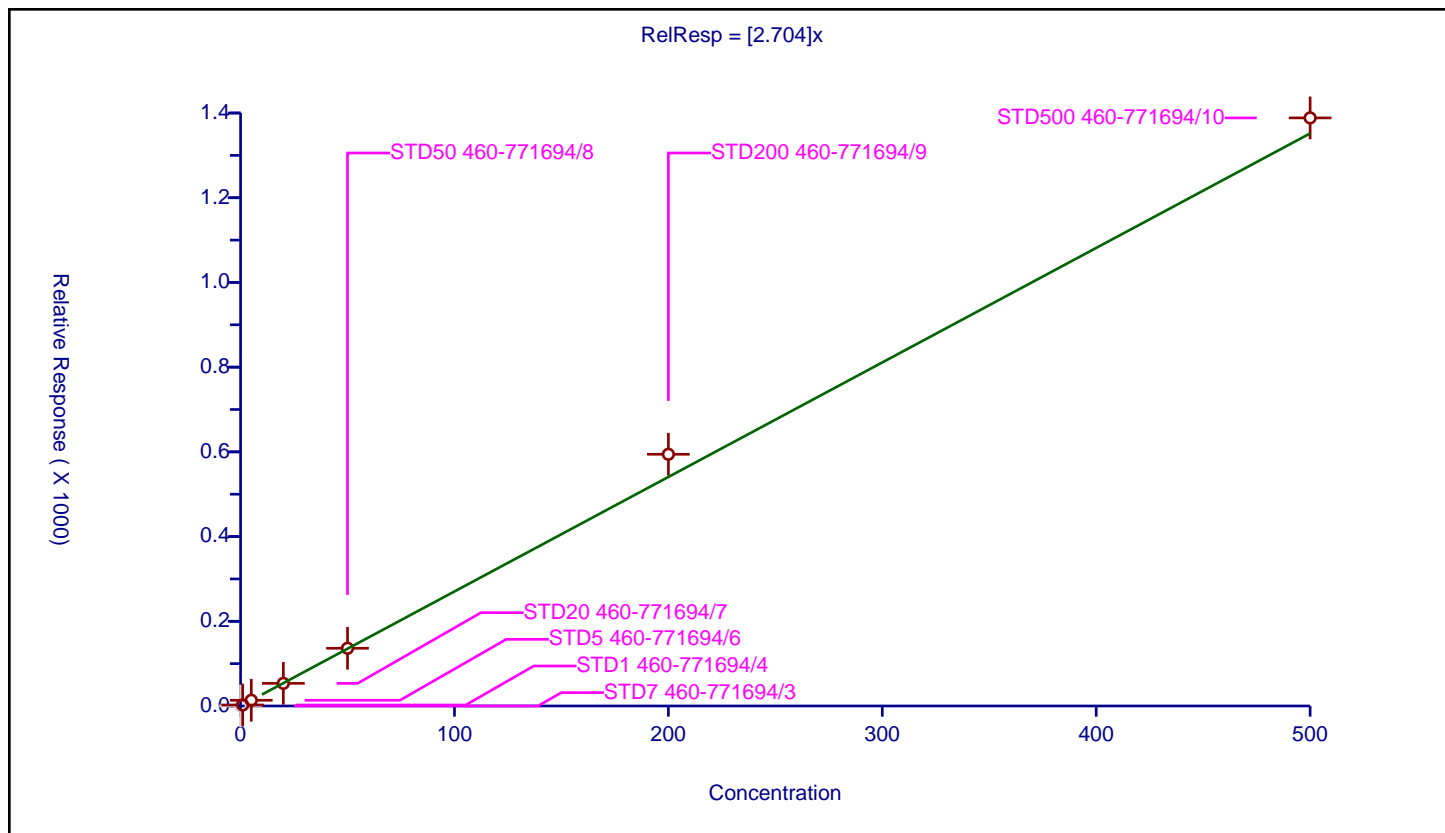
## Curve Coefficients

Intercept: 0  
 Slope: 2.704

## Error Coefficients

Standard Error: 2870000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	2.375391	50.0	178960.0	2.375391	Y
3	STD5 460-771694/6	5.0	13.499369	50.0	173497.0	2.699874	Y
4	STD20 460-771694/7	20.0	53.445708	50.0	188684.0	2.672285	Y
5	STD50 460-771694/8	50.0	136.288251	50.0	191562.0	2.725765	Y
6	STD200 460-771694/9	200.0	594.328626	50.0	192255.0	2.971643	Y
7	STD500 460-771694/10	500.0	1388.447315	50.0	215240.0	2.776895	Y



# Calibration

/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

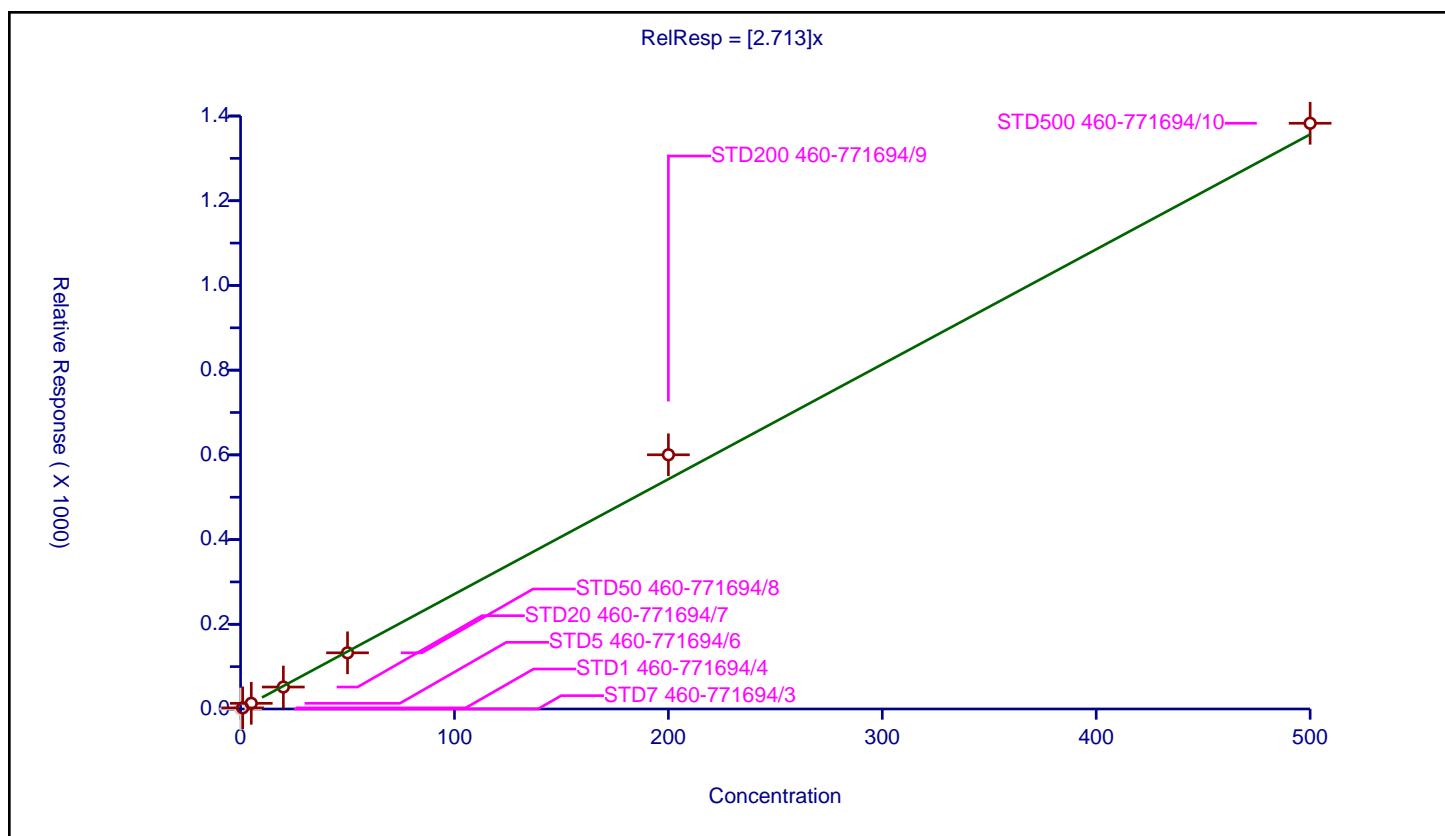
## Curve Coefficients

Intercept: 0  
 Slope: 2.713

## Error Coefficients

Standard Error: 2870000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	2.586891	50.0	178960.0	2.586891	Y
3	STD5 460-771694/6	5.0	13.405131	50.0	173497.0	2.681026	Y
4	STD20 460-771694/7	20.0	51.823154	50.0	188684.0	2.591158	Y
5	STD50 460-771694/8	50.0	132.64661	50.0	191562.0	2.652932	Y
6	STD200 460-771694/9	200.0	600.191933	50.0	192255.0	3.00096	Y
7	STD500 460-771694/10	500.0	1382.859134	50.0	215240.0	2.765718	Y





# Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

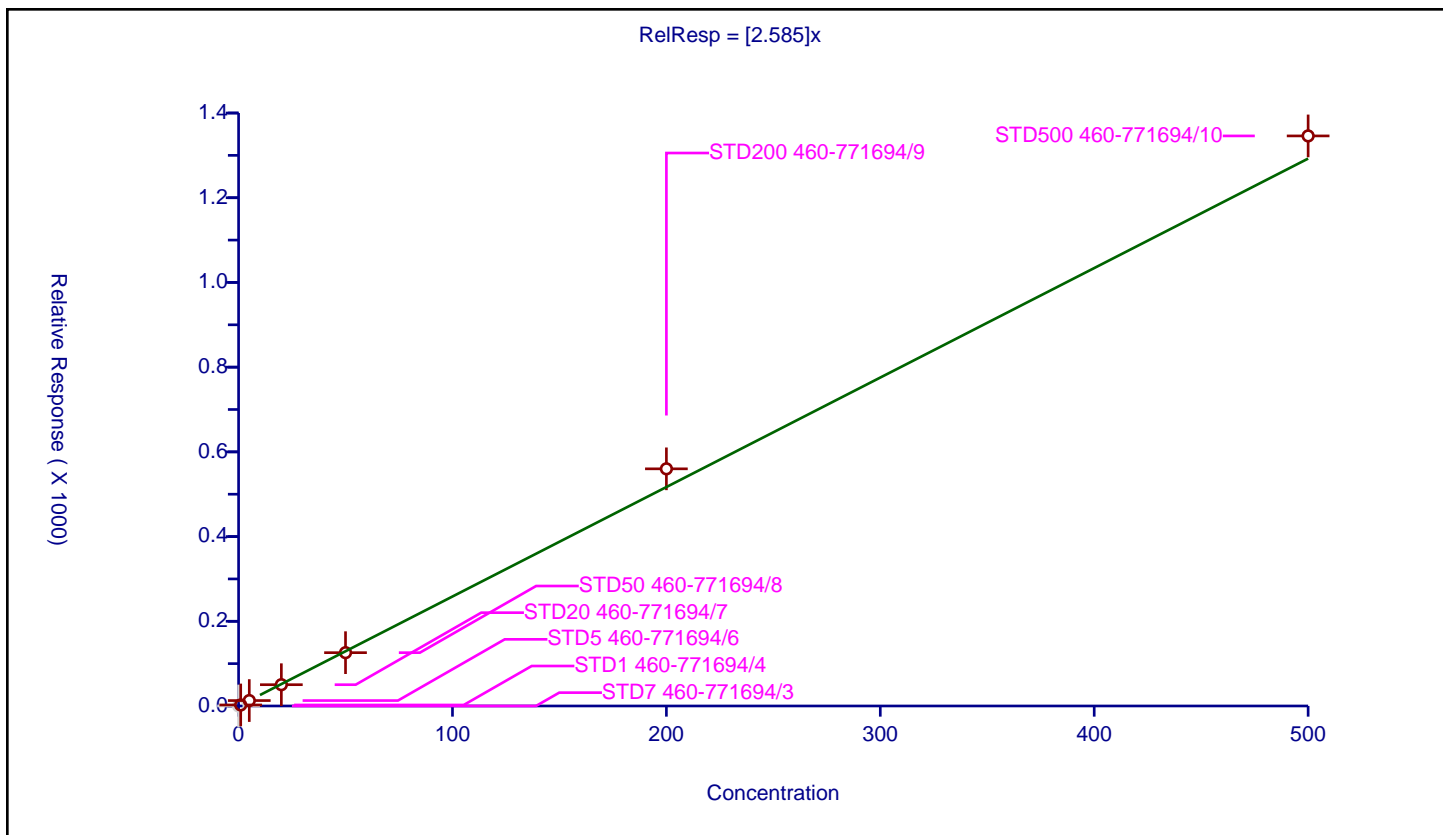
## Curve Coefficients

Intercept: 0  
 Slope: 2.585

## Error Coefficients

Standard Error: 2770000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	2.428476	50.0	178960.0	2.428476	Y
3	STD5 460-771694/6	5.0	12.784659	50.0	173497.0	2.556932	Y
4	STD20 460-771694/7	20.0	50.284338	50.0	188684.0	2.514217	Y
5	STD50 460-771694/8	50.0	125.875696	50.0	191562.0	2.517514	Y
6	STD200 460-771694/9	200.0	559.931081	50.0	192255.0	2.799655	Y
7	STD500 460-771694/10	500.0	1345.920136	50.0	215240.0	2.69184	Y



# Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

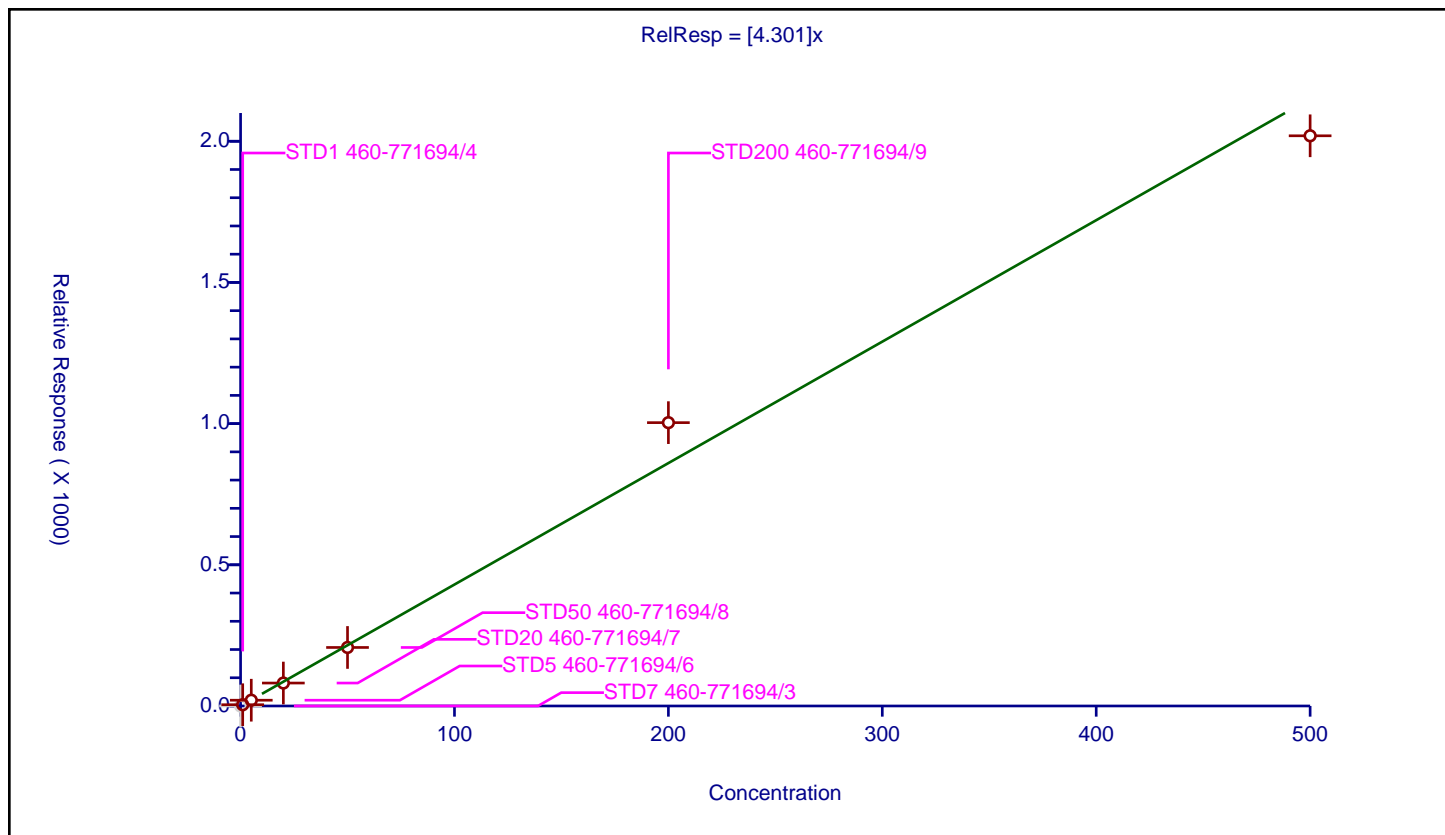
## Curve Coefficients

Intercept: 0  
 Slope: 4.301

## Error Coefficients

Standard Error: 4270000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.458818	50.0	178960.0	4.458818	Y
3	STD5 460-771694/6	5.0	20.425713	50.0	173497.0	4.085143	Y
4	STD20 460-771694/7	20.0	81.233703	50.0	188684.0	4.061685	Y
5	STD50 460-771694/8	50.0	207.207066	50.0	191562.0	4.144141	Y
6	STD200 460-771694/9	200.0	1003.448805	50.0	192255.0	5.017244	Y
7	STD500 460-771694/10	500.0	2019.354674	50.0	215240.0	4.038709	Y



# Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

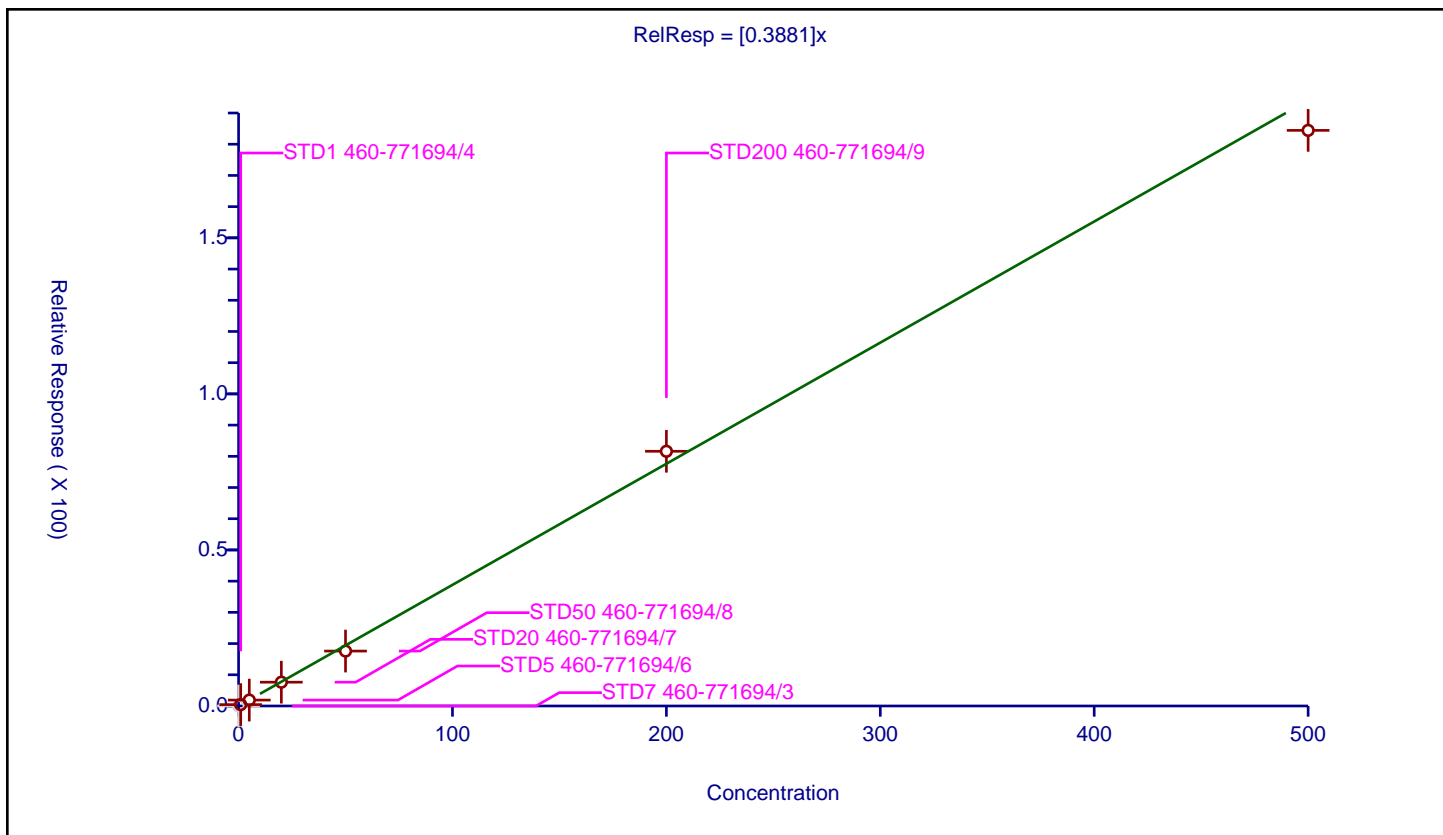
## Curve Coefficients

Intercept: 0  
 Slope: 0.3881

## Error Coefficients

Standard Error: 383000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	0.440601	50.0	178960.0	0.440601	Y
3	STD5 460-771694/6	5.0	1.88937	50.0	173497.0	0.377874	Y
4	STD20 460-771694/7	20.0	7.622268	50.0	188684.0	0.381113	Y
5	STD50 460-771694/8	50.0	17.599002	50.0	191562.0	0.35198	Y
6	STD200 460-771694/9	200.0	81.615043	50.0	192255.0	0.408075	Y
7	STD500 460-771694/10	500.0	184.436908	50.0	215240.0	0.368874	Y



# Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

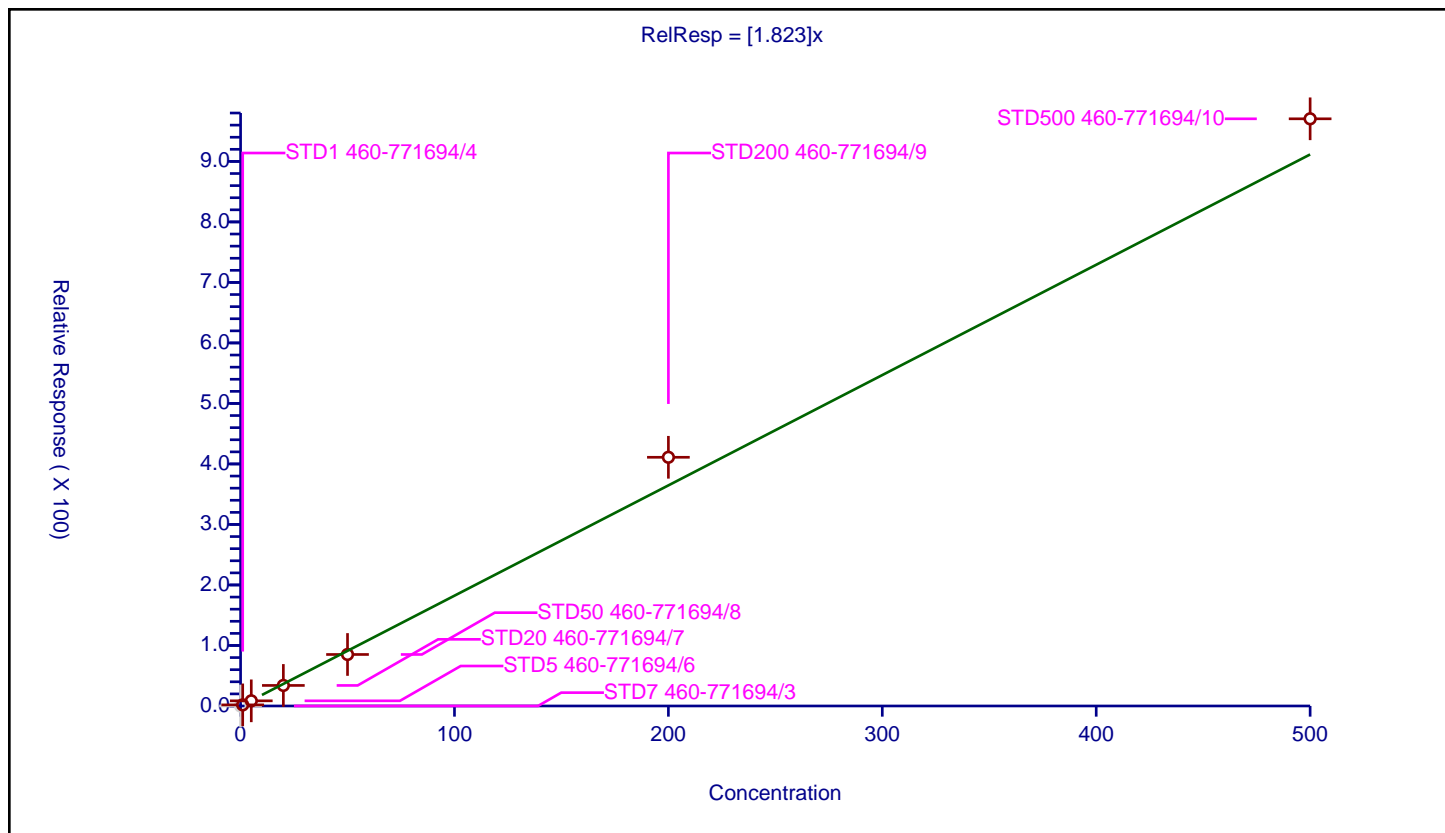
## Curve Coefficients

Intercept: 0  
 Slope: 1.823

## Error Coefficients

Standard Error: 2000000  
 Relative Standard Error: 8.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	1.840635	50.0	178960.0	1.840635	Y
3	STD5 460-771694/6	5.0	8.50764	50.0	173497.0	1.701528	Y
4	STD20 460-771694/7	20.0	33.939815	50.0	188684.0	1.696991	Y
5	STD50 460-771694/8	50.0	85.139276	50.0	191562.0	1.702786	Y
6	STD200 460-771694/9	200.0	411.052768	50.0	192255.0	2.055264	Y
7	STD500 460-771694/10	500.0	970.446943	50.0	215240.0	1.940894	Y



# Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

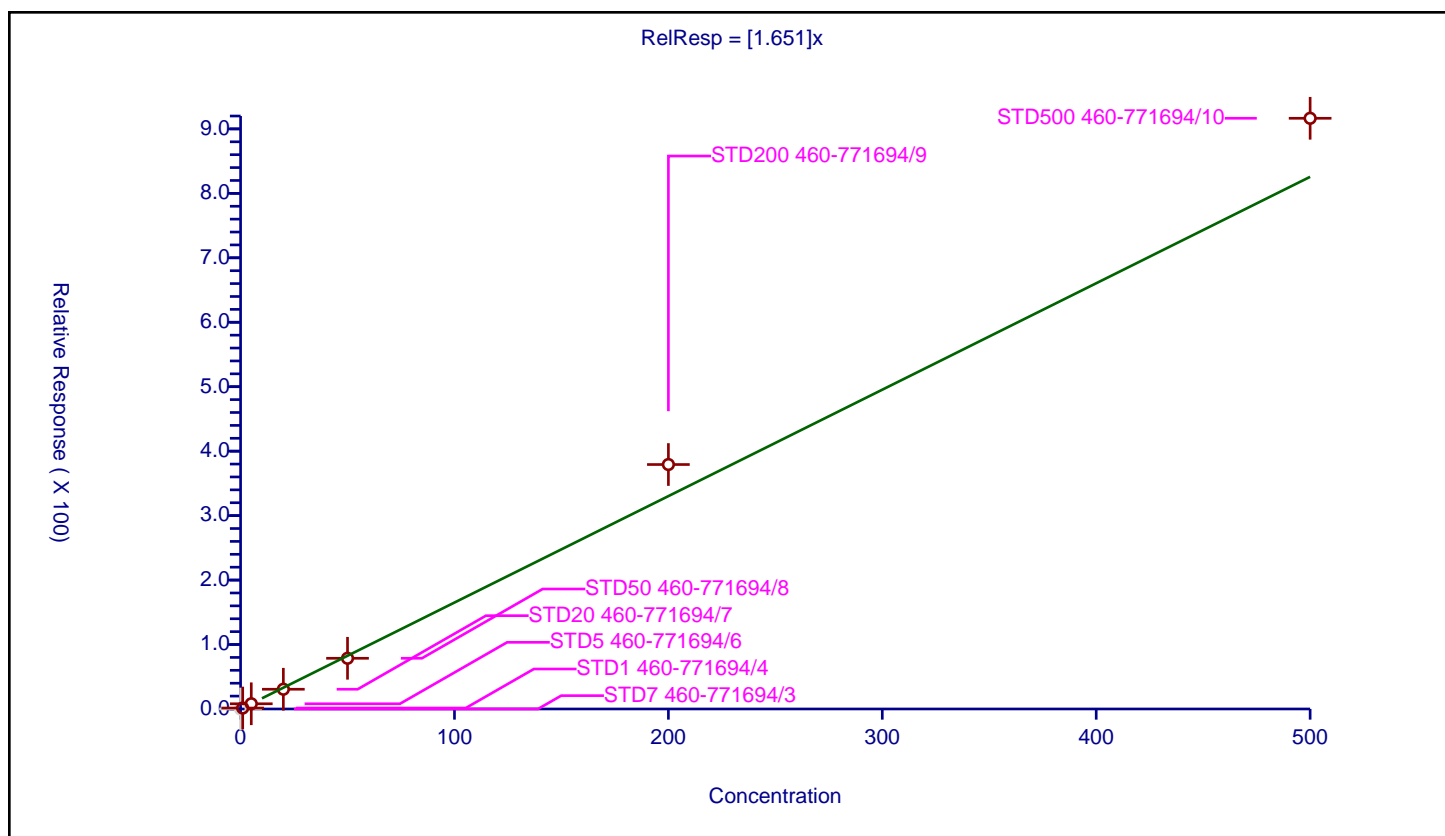
## Curve Coefficients

Intercept: 0  
 Slope: 1.651

## Error Coefficients

Standard Error: 1890000  
 Relative Standard Error: 10.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	1.458706	50.0	178960.0	1.458706	Y
3	STD5 460-771694/6	5.0	8.075932	50.0	173497.0	1.615186	Y
4	STD20 460-771694/7	20.0	30.617593	50.0	188684.0	1.53088	Y
5	STD50 460-771694/8	50.0	78.670091	50.0	191562.0	1.573402	Y
6	STD200 460-771694/9	200.0	379.310811	50.0	192255.0	1.896554	Y
7	STD500 460-771694/10	500.0	916.493217	50.0	215240.0	1.832986	Y



# Calibration

/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

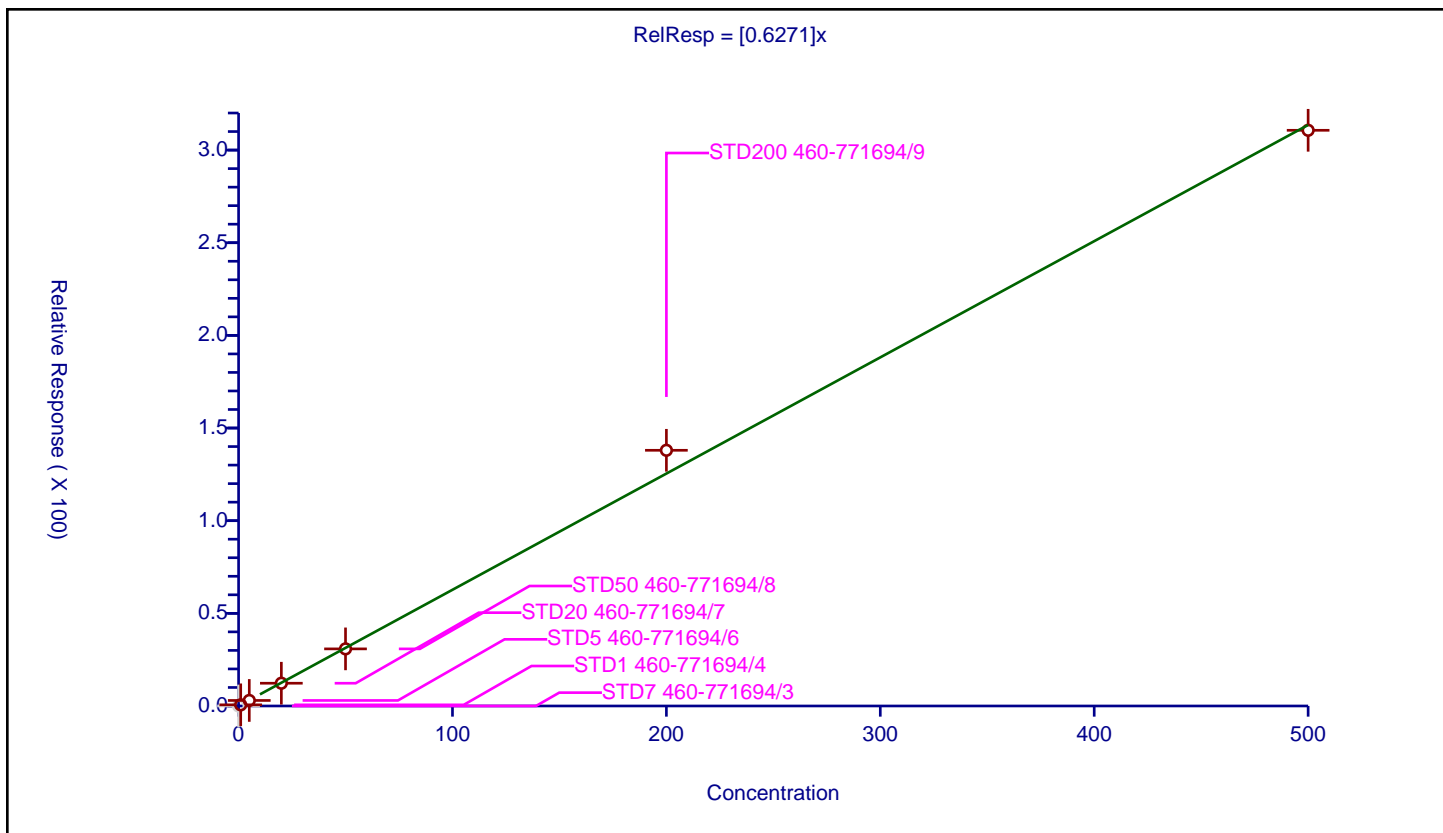
## Curve Coefficients

Intercept: 0  
 Slope: 0.6271

## Error Coefficients

Standard Error: 646000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	0.623044	50.0	178960.0	0.623044	Y
3	STD5 460-771694/6	5.0	2.98766	50.0	173497.0	0.597532	Y
4	STD20 460-771694/7	20.0	12.28615	50.0	188684.0	0.614308	Y
5	STD50 460-771694/8	50.0	30.819004	50.0	191562.0	0.61638	Y
6	STD200 460-771694/9	200.0	137.983928	50.0	192255.0	0.68992	Y
7	STD500 460-771694/10	500.0	310.677616	50.0	215240.0	0.621355	Y



# Calibration

/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

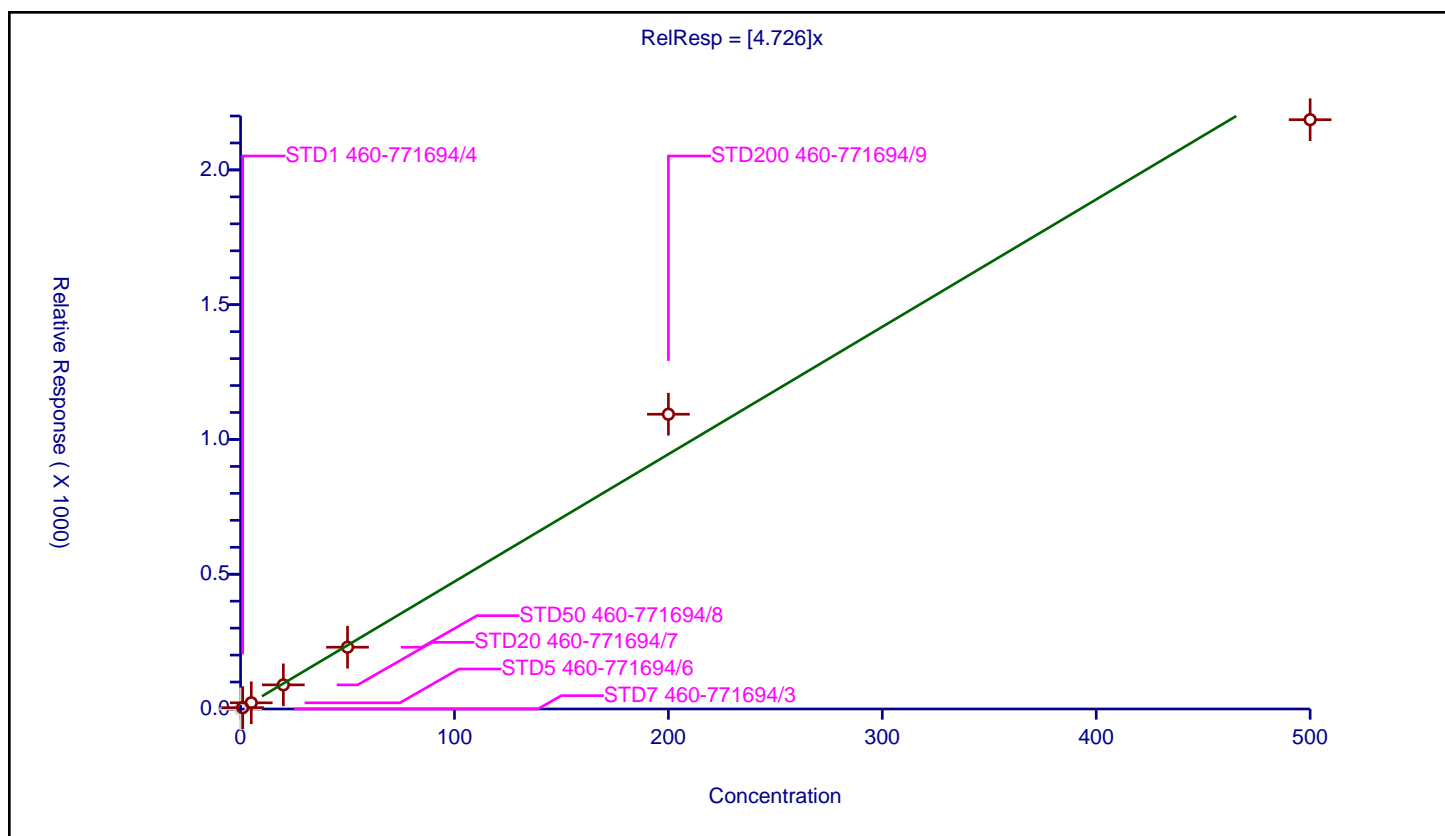
## Curve Coefficients

Intercept: 0  
 Slope: 4.726

## Error Coefficients

Standard Error: 4630000  
 Relative Standard Error: 8.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	4.860863	50.0	178960.0	4.860863	Y
3	STD5 460-771694/6	5.0	22.981665	50.0	173497.0	4.596333	Y
4	STD20 460-771694/7	20.0	89.509444	50.0	188684.0	4.475472	Y
5	STD50 460-771694/8	50.0	229.210908	50.0	191562.0	4.584218	Y
6	STD200 460-771694/9	200.0	1093.638657	50.0	192255.0	5.468193	Y
7	STD500 460-771694/10	500.0	2186.342223	50.0	215240.0	4.372684	Y



# Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

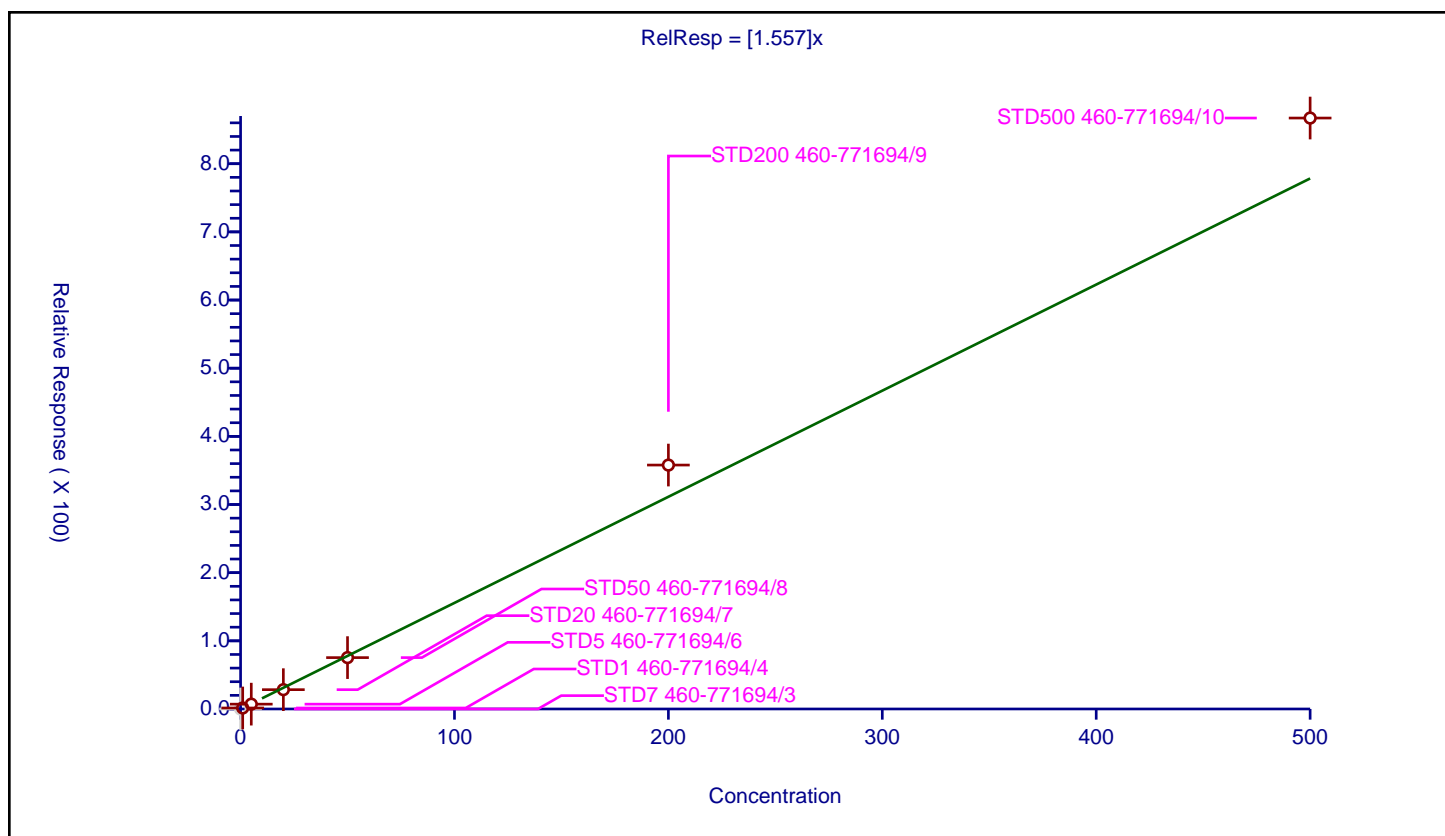
## Curve Coefficients

Intercept: 0  
 Slope: 1.557

## Error Coefficients

Standard Error: 1780000  
 Relative Standard Error: 10.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-771694/3	0.0	0.0	50.0	190492.0	NaN	N
2	STD1 460-771694/4	1.0	1.47072	50.0	178960.0	1.47072	Y
3	STD5 460-771694/6	5.0	7.103869	50.0	173497.0	1.420774	Y
4	STD20 460-771694/7	20.0	28.3625	50.0	188684.0	1.418125	Y
5	STD50 460-771694/8	50.0	75.369854	50.0	191562.0	1.507397	Y
6	STD200 460-771694/9	200.0	357.874958	50.0	192255.0	1.789375	Y
7	STD500 460-771694/10	500.0	867.019374	50.0	215240.0	1.734039	Y





FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-771694/14 Calibration Date: 04/15/2021 19:59

Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29

Lab File ID: V00421.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
Monochloropentafluoroethane	QuaF		0.0179		7.80	20.0	-61.0*	30.0
Chlorotrifluoroethene	Ave	0.1539	0.1247		16.2	20.0	-19.0	30.0
1,1-Difluoroethane	Ave	0.3124	0.2989		19.1	20.0	-4.3	30.0
Dichlorodifluoromethane	Ave	0.5503	0.4167	0.1000	15.1	20.0	-24.3	30.0
Chlorodifluoromethane	Ave	0.5503	0.4627		16.8	20.0	-15.9	30.0
Chloromethane	Ave	0.6193	0.5596	0.1000	18.1	20.0	-9.6	30.0
Vinyl chloride	Ave	0.6223	0.5830	0.1000	18.7	20.0	-6.3	30.0
Butadiene	Ave	0.6169	0.5137		16.7	20.0	-16.7	30.0
Bromomethane	Ave	2.949	3.113	0.1000	21.1	20.0	5.6	30.0
Chloroethane	Ave	3.354	3.488	0.1000	20.8	20.0	4.0	30.0
Dichlorofluoromethane	Ave	0.7530	0.7604		20.2	20.0	1.0	30.0
Trichlorofluoromethane	Ave	0.6468	0.5958	0.1000	18.4	20.0	-7.9	30.0
Pentane	Ave	0.0867	0.0870		40.1	40.0	0.4	30.0
Ethanol	QuaF		0.8340		1040	800	30.3*	30.0
Ethyl ether	Ave	0.2987	0.2972		19.9	20.0	-0.5	30.0
2-Methyl-1,3-butadiene	Ave	0.4602	0.4405		19.1	20.0	-4.3	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.4189	0.3726		17.8	20.0	-11.1	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.6484	0.5867		18.1	20.0	-9.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4176	0.3856	0.1000	18.5	20.0	-7.7	30.0
Acrolein	Ave	14.61	9.238		25.3	40.1	-36.8*	30.0
1,1-Dichloroethene	Ave	0.4171	0.4079	0.1000	19.6	20.0	-2.2	30.0
Acetone	Ave	1.363	1.408	0.0500	103	100	3.3	30.0
Isopropyl alcohol	Ave	8.586	8.840		206	200	3.0	30.0
Iodomethane	QuaF		0.2799		12.7	20.0	-36.5*	30.0
Carbon disulfide	Ave	1.374	1.271	0.1000	18.5	20.0	-7.5	30.0
3-Chloro-1-propene	Ave	0.3015	0.2733		18.1	20.0	-9.3	30.0
Methyl acetate	Ave	0.4372	0.4519	0.1000	41.3	40.0	3.4	30.0
Cyclopentene	Ave	1.237	1.206		19.5	20.0	-2.5	30.0
Acetonitrile	Qua2		0.4264		207	200	3.5	30.0
Methylene Chloride	Ave	0.4708	0.4496	0.1000	19.1	20.0	-4.5	30.0
2-Methyl-2-propanol	Ave	14.51	15.30		211	200	5.5	30.0
Methyl tert-butyl ether	Ave	1.368	1.334	0.1000	19.5	20.0	-2.5	30.0
trans-1,2-Dichloroethene	Ave	0.4716	0.4393	0.1000	18.6	20.0	-6.9	30.0
Acrylonitrile	Ave	0.2173	0.2172		200	200	-0.0	30.0
Hexane	Ave	0.7082	0.6519		18.4	20.0	-7.9	30.0
Isopropyl ether	Ave	1.570	1.473		18.8	20.0	-6.2	30.0
1,1-Dichloroethane	Ave	0.8714	0.8035	0.2000	18.4	20.0	-7.8	30.0
Vinyl acetate	Ave	1.010	0.7633		30.2	40.0	-24.4	30.0
2-Chloro-1,3-butadiene	Ave	0.4554	0.4003		17.6	20.0	-12.1	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-771694/14 Calibration Date: 04/15/2021 19:59

Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29

Lab File ID: V00421.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
Tert-butyl ethyl ether	Ave	1.416	1.333		18.8	20.0	-5.9	30.0
2,2-Dichloropropane	Ave	0.1614	0.1485		18.4	20.0	-8.0	30.0
2-Butanone (MEK)	Ave	0.6032	0.6464	0.0500	107	100	7.1	30.0
cis-1,2-Dichloroethene	Ave	0.5240	0.5016	0.1000	19.1	20.0	-4.3	30.0
Ethyl acetate	Ave	0.5862	0.5433		37.1	40.0	-7.3	30.0
Methyl acrylate	Ave	0.4848	0.4846		20.0	20.0	-0.0	30.0
Propionitrile	Ave	23.83	25.63		215	200	7.6	30.0
Chlorobromomethane	Ave	0.2322	0.2130		18.3	20.0	-8.3	30.0
Tetrahydrofuran	Ave	0.7174	0.7935		44.2	40.0	10.6	30.0
Methacrylonitrile	Ave	0.2414	0.2267		188	200	-6.1	30.0
Chloroform	Ave	0.7793	0.7288	0.2000	18.7	20.0	-6.5	30.0
Cyclohexane	Ave	0.8011	0.7406	0.1000	18.5	20.0	-7.6	30.0
1,1,1-Trichloroethane	Ave	0.6778	0.6333	0.1000	18.7	20.0	-6.6	30.0
Carbon tetrachloride	Ave	0.5539	0.5118	0.1000	18.5	20.0	-7.6	30.0
1,1-Dichloropropene	Ave	0.6817	0.6102		17.9	20.0	-10.5	30.0
Isobutyl alcohol	Ave	5.323	5.760		541	500	8.2	30.0
Isooctane	Ave	1.461	1.294		17.7	20.0	-11.4	30.0
Benzene	Ave	2.858	2.817	0.5000	19.7	20.0	-1.4	30.0
Isopropyl acetate	QuaF		0.2164		17.9	20.0	-10.4	30.0
Tert-amyl methyl ether	Ave	1.401	1.329		19.0	20.0	-5.1	30.0
1,2-Dichloroethane	Ave	0.5338	0.5002	0.1000	18.7	20.0	-6.3	30.0
n-Heptane	Ave	0.1333	0.1145		17.2	20.0	-14.1	30.0
n-Butanol	Ave	2.867	2.904		506	500	1.3	30.0
Trichloroethene	Ave	0.4776	0.4602	0.2000	19.3	20.0	-3.6	30.0
Ethyl acrylate	Ave	0.0763	0.0757		19.8	20.0	-0.8	30.0
Methylcyclohexane	Ave	0.8231	0.7751	0.1000	18.8	20.0	-5.8	30.0
1,2-Dichloropropane	Ave	0.4859	0.4702	0.1000	19.4	20.0	-3.2	30.0
Methyl methacrylate	Ave	0.1456	0.1389		38.2	40.0	-4.6	30.0
1,4-Dioxane	Ave	2.834	2.615		369	400	-7.7	30.0
n-Propyl acetate	Ave	0.7575	0.7010		18.5	20.0	-7.5	30.0
Dibromomethane	Ave	0.2657	0.2620		19.7	20.0	-1.4	30.0
Dichlorobromomethane	Ave	0.5574	0.5341	0.2000	19.2	20.0	-4.2	30.0
2-Nitropropane	Ave	0.1392	0.1154		33.2	40.0	-17.1	30.0
2-Chloroethyl vinyl ether	Ave	0.3251	0.3145		19.3	20.0	-3.3	30.0
Epichlorohydrin	Ave	0.4803	0.5950		24.8	20.0	23.9	30.0
cis-1,3-Dichloropropene	Ave	1.126	1.087	0.2000	19.3	20.0	-3.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	4.394	4.772	0.0500	109	100	8.6	30.0
Toluene	Ave	2.992	2.825	0.4000	18.9	20.0	-5.6	30.0
trans-1,3-Dichloropropene	Ave	1.004	0.9133	0.1000	18.2	20.0	-9.0	30.0
Ethyl methacrylate	Ave	0.9255	0.8443		18.2	20.0	-8.8	30.0
1,1,2-Trichloroethane	Ave	0.5103	0.5005	0.1000	19.6	20.0	-1.9	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-771694/14 Calibration Date: 04/15/2021 19:59

Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29

Lab File ID: V00421.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
Tetrachloroethene	Ave	0.6895	0.6636	0.2000	19.2	20.0	-3.8	30.0
1,3-Dichloropropane	Ave	1.044	1.069		20.5	20.0	2.5	30.0
2-Hexanone	Ave	2.924	3.317	0.0500	113	100	13.5	30.0
n-Butyl acetate	Ave	1.096	1.035		18.9	20.0	-5.6	30.0
Chlorodibromomethane	Ave	0.6054	0.6031	0.1000	19.9	20.0	-0.4	30.0
Ethylene Dibromide	Ave	0.6025	0.5984	0.1000	19.9	20.0	-0.7	30.0
Chlorobenzene	Ave	1.782	1.737	0.5000	19.5	20.0	-2.5	30.0
Ethylbenzene	Ave	0.998	0.9533	0.1000	19.1	20.0	-4.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6130	0.5791		18.9	20.0	-5.5	30.0
m-Xylene & p-Xylene	Ave	1.199	1.175	0.1000	19.6	20.0	-2.0	30.0
n-Butyl acrylate	Ave	0.5316	0.5182		19.5	20.0	-2.5	30.0
o-Xylene	Ave	1.172	1.130	0.3000	19.3	20.0	-3.6	30.0
Styrene	Ave	1.959	1.869	0.3000	19.1	20.0	-4.6	30.0
Amyl acetate (mixed isomers)	Ave	2.474	2.476		20.0	20.0	0.0	30.0
Bromoform	Ave	0.4177	0.4014	0.1000	19.2	20.0	-3.9	30.0
Isopropylbenzene	Ave	2.855	2.926	0.1000	20.5	20.0	2.5	30.0
Bromobenzene	Ave	1.450	1.432		19.8	20.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.775	1.681	0.3000	18.9	20.0	-5.3	30.0
N-Propylbenzene	Ave	7.316	7.598		20.8	20.0	3.9	30.0
1,2,3-Trichloropropane	Ave	0.5231	0.5214		19.9	20.0	-0.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.5153	0.4920		19.1	20.0	-4.5	30.0
2-Chlorotoluene	Ave	5.100	5.051		19.8	20.0	-1.0	30.0
4-Ethyltoluene	Ave	6.123	6.270		20.5	20.0	2.4	30.0
1,3,5-Trimethylbenzene	Ave	4.996	4.998		20.0	20.0	0.0	30.0
4-Chlorotoluene	Ave	4.433	4.496		20.3	20.0	1.4	30.0
Butyl Methacrylate	Ave	1.744	1.783		20.5	20.0	2.3	30.0
tert-Butylbenzene	Ave	4.296	4.339		20.2	20.0	1.0	30.0
1,2,4-Trimethylbenzene	Ave	4.973	5.071		20.4	20.0	2.0	30.0
sec-Butylbenzene	Ave	6.159	6.350		20.6	20.0	3.1	30.0
4-Isopropyltoluene	Ave	5.398	5.393		20.0	20.0	-0.0	30.0
1,3-Dichlorobenzene	Ave	2.803	2.696	0.6000	19.2	20.0	-3.8	30.0
1,4-Dichlorobenzene	Ave	2.912	2.705	0.5000	18.6	20.0	-7.1	30.0
1,2,3-Trimethylbenzene	Ave	5.050	4.943		19.6	20.0	-2.1	30.0
Benzyl chloride	Ave	3.225	2.958		18.3	20.0	-8.3	30.0
Indan	Ave	4.923	5.191		21.1	20.0	5.4	30.0
p-Diethylbenzene	Ave	2.704	3.162		23.4	20.0	17.0	30.0
n-Butylbenzene	Ave	2.713	2.566		18.9	20.0	-5.4	30.0
1,2-Dichlorobenzene	Ave	2.585	2.561	0.4000	19.8	20.0	-0.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.301	4.096		19.0	20.0	-4.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3881	0.3818	0.0500	19.7	20.0	-1.6	30.0
1,3,5-Trichlorobenzene	Ave	1.823	1.647		18.1	20.0	-9.6	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-771694/14 Calibration Date: 04/15/2021 19:59  
 Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29  
 Lab File ID: V00421.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
1,2,4-Trichlorobenzene	Ave	1.651	1.574	0.2000	19.1	20.0	-4.7	30.0
Hexachlorobutadiene	Ave	0.6271	0.5937		18.9	20.0	-5.3	30.0
Naphthalene	Ave	4.726	4.565		19.3	20.0	-3.4	30.0
1,2,3-Trichlorobenzene	Ave	1.557	1.523		19.6	20.0	-2.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2980	0.2741		46.0	50.0	-8.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3085	0.2752		44.6	50.0	-10.8	30.0
Toluene-d8 (Surr)	Ave	1.956	1.929		49.3	50.0	-1.4	30.0
4-Bromofluorobenzene	Ave	0.4685	0.4562		48.7	50.0	-2.6	30.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00421.D

Lims ID: ICV

Client ID:

Sample Type: ICV

Inject. Date: 15-Apr-2021 19:59:30

ALS Bottle#: 14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Sample Info: BLANK

Misc. Info.: 460-0127059-014

Operator ID:

Instrument ID: CVOAMS7

Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m

Limit Group: VOA - 8260D Water and Solid

Last Update: 16-Apr-2021 17:01:51

Calib Date: 15-Apr-2021 18:29:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D

Column 1 : Rtx-624 ( 0.25 mm)

Det: MS Quad

Process Host: CTX1683

First Level Reviewer: boykink

Date: 15-Apr-2021 20:20:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.302	1.296	0.006	78	4232	20.0	7.80	
3 Chlorotrifluoroethene	116	1.391	1.391	0.000	93	29436	20.0	16.2	
4 1,1-Difluoroethane	51	1.408	1.408	0.000	91	70552	20.0	19.1	
5 Dichlorodifluoromethane	85	1.420	1.414	0.006	99	98362	20.0	15.1	
2 Chlorodifluoromethane	51	1.443	1.438	0.005	99	109220	20.0	16.8	
6 Chloromethane	50	1.579	1.579	0.000	99	132099	20.0	18.1	
7 Vinyl chloride	62	1.643	1.643	0.000	97	137624	20.0	18.7	
8 Butadiene	54	1.661	1.661	0.000	96	121254	20.0	16.7	
9 Bromomethane	94	1.890	1.890	0.000	99	71557	20.0	21.1	
10 Chloroethane	64	1.961	1.961	0.000	99	80177	20.0	20.8	
11 Dichlorofluoromethane	67	2.102	2.102	0.000	99	179498	20.0	20.2	
12 Trichlorofluoromethane	101	2.114	2.114	0.000	98	140637	20.0	18.4	
13 Pentane	72	2.149	2.149	0.000	97	41066	40.0	40.1	
17 Ethanol	46	2.267	2.273	-0.006	68	23796	800.0	1042.2	a
14 Ethyl ether	74	2.308	2.308	0.000	96	70147	20.0	19.9	
15 2-Methyl-1,3-butadiene	53	2.332	2.332	0.000	96	103975	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.338	2.338	0.000	94	87946	20.0	17.8	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.385	2.385	0.000	97	138485	20.0	18.1	a
18 1,1,2,2-TCTFE	101	2.455	2.455	0.000	98	91021	20.0	18.5	
52 Acrolein	56	2.467	2.467	0.000	43	13197	40.1	25.3	
20 1,1-Dichloroethene	96	2.496	2.496	0.000	97	96280	20.0	19.6	
23 Acetone	43	2.567	2.561	0.006	87	161840	100.0	103.3	
24 Isopropyl alcohol	45	2.626	2.632	-0.006	98	63055	200.0	205.9	a
21 Iodomethane	142	2.637	2.637	0.000	100	66073	20.0	12.7	
22 Carbon disulfide	76	2.673	2.673	0.000	99	299988	20.0	18.5	
26 3-Chloro-1-propene	76	2.773	2.773	0.000	89	64522	20.0	18.1	
30 Methyl acetate	43	2.773	2.773	0.000	98	213333	40.0	41.3	
25 Cyclopentene	67	2.796	2.796	0.000	97	284579	20.0	19.5	
27 Acetonitrile	40	2.826	2.826	0.000	99	98024	200.0	207.0	
* 28 TBA-d9 (IS)	66	2.849	2.849	0.000	99	35665	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.885	2.885	0.000	94	106120	20.0	19.1	
31 2-Methyl-2-propanol	59	2.914	2.914	0.000	98	109158	200.0	211.0	
32 Methyl tert-butyl ether	73	3.020	3.020	0.000	97	314811	20.0	19.5	
33 trans-1,2-Dichloroethene	96	3.055	3.055	0.000	95	103691	20.0	18.6	
35 Acrylonitrile	53	3.114	3.114	0.000	96	512618	200.0	199.8	
36 Hexane	57	3.190	3.185	0.006	92	153893	20.0	18.4	
37 Isopropyl ether	45	3.373	3.367	0.006	97	347671	20.0	18.8	
40 Vinyl acetate	86	3.420	3.420	0.000	100	35093	40.0	30.2	
38 1,1-Dichloroethane	63	3.420	3.420	0.000	70	189669	20.0	18.4	
39 2-Chloro-1,3-butadiene	88	3.461	3.461	0.000	89	94488	20.0	17.6	
41 Tert-butyl ethyl ether	59	3.667	3.667	0.000	90	314565	20.0	18.8	
* 42 2-Butanone-d5	46	3.867	3.873	-0.006	95	287350	250.0	250.0	
43 2,2-Dichloropropane	97	3.890	3.884	0.006	91	35063	20.0	18.4	
47 Ethyl acetate	70	3.920	3.920	0.000	92	24978	40.0	37.1	
45 cis-1,2-Dichloroethene	96	3.920	3.920	0.000	88	118395	20.0	19.1	
44 2-Butanone (MEK)	72	3.920	3.920	0.000	96	74292	100.0	107.1	
46 Methyl acrylate	55	3.979	3.979	0.000	100	114384	20.0	20.0	
48 Propionitrile	54	4.055	4.055	0.000	99	182810	200.0	215.1	
49 Chlorobromomethane	128	4.143	4.143	0.000	93	50275	20.0	18.3	
50 Tetrahydrofuran	72	4.143	4.143	0.000	85	36484	40.0	44.2	
54 Methacrylonitrile	67	4.155	4.155	0.000	93	535182	200.0	187.8	
51 Chloroform	83	4.190	4.190	0.000	98	172036	20.0	18.7	
53 Cyclohexane	84	4.326	4.326	0.000	91	174819	20.0	18.5	
55 1,1,1-Trichloroethane	97	4.331	4.331	0.000	96	149489	20.0	18.7	
\$ 56 Dibromofluoromethane (Surr)	113	4.343	4.343	0.000	98	161759	50.0	46.0	
57 Carbon tetrachloride	117	4.455	4.455	0.000	88	120809	20.0	18.5	
58 1,1-Dichloropropene	75	4.484	4.484	0.000	98	144048	20.0	17.9	
61 Isobutyl alcohol	43	4.596	4.596	0.000	92	102710	500.0	541.0	
64 Isooctane	57	4.643	4.643	0.000	99	305474	20.0	17.7	
59 Benzene	78	4.684	4.690	-0.006	96	450637	20.0	19.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.702	4.702	0.000	94	162416	50.0	44.6	
66 Isopropyl acetate	61	4.714	4.720	-0.006	97	51080	20.0	17.9	
62 Tert-amyl methyl ether	73	4.737	4.737	0.000	96	313686	20.0	19.0	
63 1,2-Dichloroethane	62	4.779	4.779	0.000	95	118084	20.0	18.7	
65 n-Heptane	100	4.831	4.831	0.000	91	27034	20.0	17.2	
* 67 Fluorobenzene	96	4.979	4.979	0.000	99	590140	50.0	50.0	
70 n-Butanol	56	5.296	5.296	0.000	84	51792	500.0	506.5	M
69 Trichloroethene	95	5.355	5.349	0.006	98	108638	20.0	19.3	
72 Methylcyclohexane	83	5.478	5.478	0.000	85	182977	20.0	18.8	
71 Ethyl acrylate	99	5.473	5.478	-0.005	95	17866	20.0	19.8	
73 1,2-Dichloropropane	63	5.655	5.655	0.000	92	110994	20.0	19.4	
* 68 1,4-Dioxane-d8	96	5.726	5.731	-0.005	70	24228	1000.0	1000.0	
74 Methyl methacrylate	100	5.731	5.731	0.000	92	65579	40.0	38.2	
78 1,4-Dioxane	88	5.784	5.784	0.000	31	25339	400.0	369.1	
77 n-Propyl acetate	43	5.790	5.790	0.000	99	165477	20.0	18.5	
75 Dibromomethane	93	5.802	5.802	0.000	98	61857	20.0	19.7	
76 Dichlorobromomethane	83	5.967	5.967	0.000	99	126070	20.0	19.2	
34 2-Nitropropane	41	6.320	6.320	0.000	79	54466	40.0	33.2	
79 2-Chloroethyl vinyl ether	63	6.325	6.325	0.000	72	74232	20.0	19.3	
80 Epichlorohydrin	57	6.449	6.449	0.000	91	13678	20.0	24.8	
81 cis-1,3-Dichloropropene	75	6.514	6.508	0.006	90	173814	20.0	19.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.684	6.678	0.006	96	548445	100.0	108.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.778	6.778	0.000	99	771370	50.0	49.3	
83 Toluene	91	6.867	6.867	0.000	92	451932	20.0	18.9	
85 trans-1,3-Dichloropropene	75	7.272	7.272	0.000	95	146089	20.0	18.2	
86 Ethyl methacrylate	69	7.290	7.290	0.000	89	135042	20.0	18.2	
87 1,1,2-Trichloroethane	83	7.514	7.508	0.006	98	80059	20.0	19.6	
88 Tetrachloroethene	166	7.561	7.561	0.000	96	106142	20.0	19.2	
89 1,3-Dichloropropane	76	7.743	7.749	-0.006	90	171026	20.0	20.5	
91 2-Hexanone	43	7.808	7.808	0.000	97	381261	100.0	113.5	
92 n-Butyl acetate	43	7.925	7.925	0.000	99	165534	20.0	18.9	
90 Chlorodibromomethane	129	7.984	7.984	0.000	97	96466	20.0	19.9	
93 Ethylene Dibromide	107	8.131	8.131	0.000	99	95718	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.631	8.631	0.000	86	399876	50.0	50.0	
95 Chlorobenzene	112	8.661	8.661	0.000	97	277898	20.0	19.5	
97 Ethylbenzene	106	8.743	8.743	0.000	98	152482	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	8.761	8.761	0.000	97	92631	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.878	8.872	0.006	96	187955	20.0	19.6	
99 n-Butyl acrylate	73	9.272	9.266	0.006	99	82879	20.0	19.5	
100 o-Xylene	106	9.284	9.284	0.000	94	180681	20.0	19.3	
101 Styrene	104	9.314	9.314	0.000	96	298903	20.0	19.1	
102 Amyl acetate (mixed isomers)	43	9.490	9.490	0.000	92	181851	20.0	20.0	
103 Bromoform	173	9.525	9.525	0.000	96	64203	20.0	19.2	
104 Isopropylbenzene	105	9.631	9.631	0.000	95	468091	20.0	20.5	
\$ 105 4-Bromofluorobenzene	174	9.825	9.825	0.000	0	182437	50.0	48.7	
107 Bromobenzene	156	9.949	9.949	0.000	98	105152	20.0	19.8	
108 1,1,2,2-Tetrachloroethane	83	9.996	9.996	0.000	99	123452	20.0	18.9	
109 N-Propylbenzene	91	10.008	10.008	0.000	99	558125	20.0	20.8	
115 1,2,3-Trichloropropane	110	10.037	10.037	0.000	97	38297	20.0	19.9	
112 trans-1,4-Dichloro-2-butene	53	10.055	10.055	0.000	91	36139	20.0	19.1	a
114 2-Chlorotoluene	91	10.113	10.113	0.000	90	371040	20.0	19.8	
113 4-Ethyltoluene	105	10.113	10.113	0.000	89	460514	20.0	20.5	
116 1,3,5-Trimethylbenzene	105	10.172	10.172	0.000	93	367137	20.0	20.0	
110 4-Chlorotoluene	91	10.219	10.219	0.000	98	330229	20.0	20.3	
117 Butyl Methacrylate	87	10.261	10.261	0.000	88	130999	20.0	20.5	
118 tert-Butylbenzene	119	10.443	10.443	0.000	95	318740	20.0	20.2	
119 1,2,4-Trimethylbenzene	105	10.496	10.496	0.000	97	372478	20.0	20.4	
120 sec-Butylbenzene	105	10.625	10.625	0.000	99	466447	20.0	20.6	
121 4-Isopropyltoluene	119	10.749	10.749	0.000	98	396130	20.0	20.0	
122 1,3-Dichlorobenzene	146	10.760	10.760	0.000	96	198045	20.0	19.2	
* 106 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	95	183630	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.837	10.837	0.000	95	198720	20.0	18.6	
123 1,2,3-Trimethylbenzene	105	10.849	10.849	0.000	98	363083	20.0	19.6	
125 Benzyl chloride	91	10.955	10.960	-0.005	99	217272	20.0	18.3	
111 2,3-Dihydroindene	117	11.013	11.013	0.000	94	381306	20.0	21.1	
126 p-Diethylbenzene	119	11.055	11.055	0.000	93	232273	20.0	23.4	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	188449	20.0	18.9	
128 1,2-Dichlorobenzene	146	11.143	11.143	0.000	96	188099	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	11.660	11.660	0.000	97	300869	20.0	19.0	
129 1,2-Dibromo-3-Chloropropane	157	11.760	11.760	0.000	91	28045	20.0	19.7	
132 1,3,5-Trichlorobenzene	180	11.866	11.866	0.000	97	121005	20.0	18.1	
131 1,2,4-Trichlorobenzene	180	12.331	12.331	0.000	93	115583	20.0	19.1	
133 Hexachlorobutadiene	225	12.402	12.402	0.000	94	43611	20.0	18.9	
134 Naphthalene	128	12.513	12.513	0.000	100	335328	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.690	12.690	0.000	96	111904	20.0	19.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	38.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.5	
S 139 Total BTEX	1				0		100.0	96.6	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

GAS C SP_00405	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00123	Amount Added: 4.00	Units: uL	
8260 SP_00138	Amount Added: 20.00	Units: uL	
8FreonsSS_00031	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00421.D

Injection Date: 15-Apr-2021 19:59:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

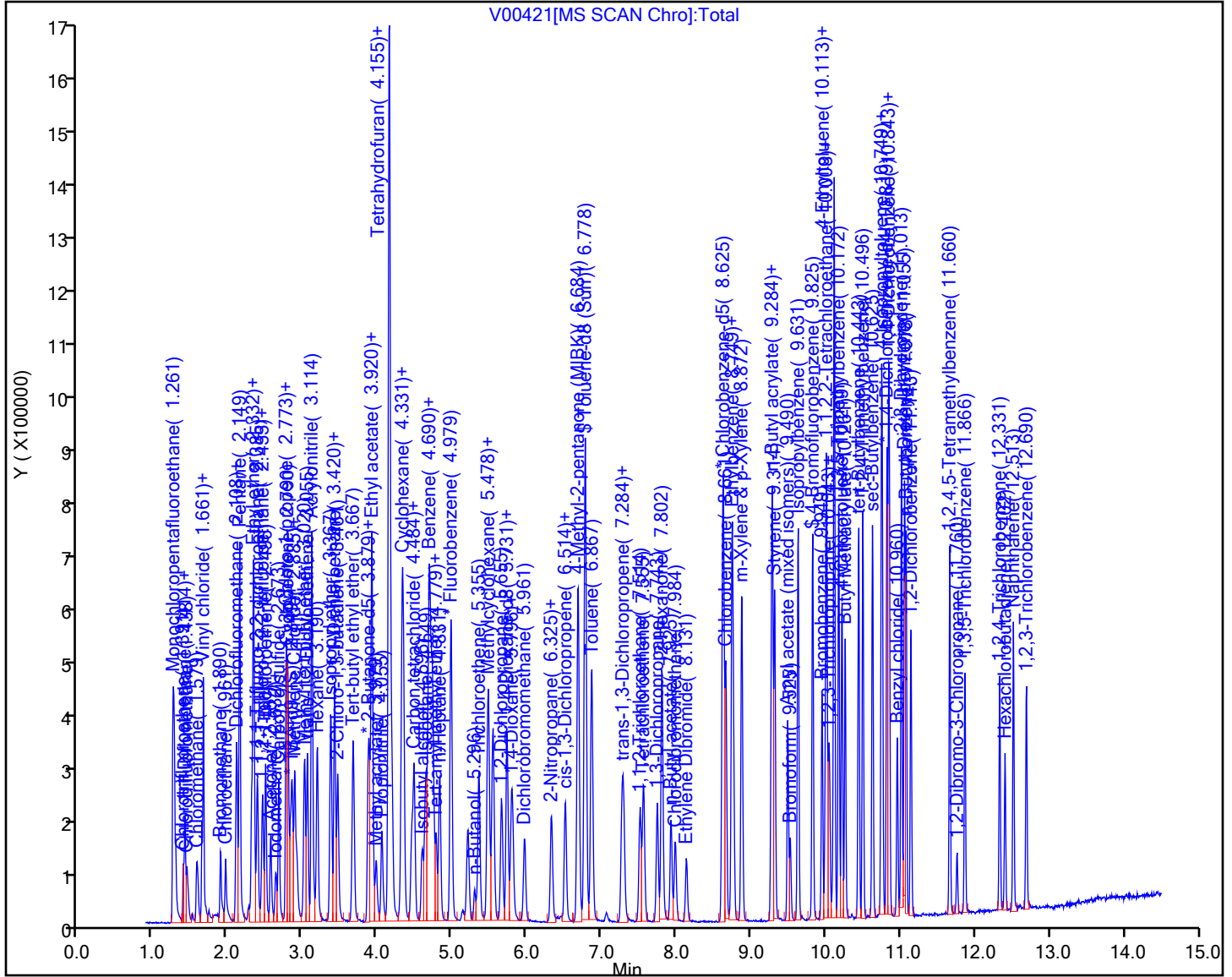
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00421.D

Injection Date: 15-Apr-2021 19:59:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

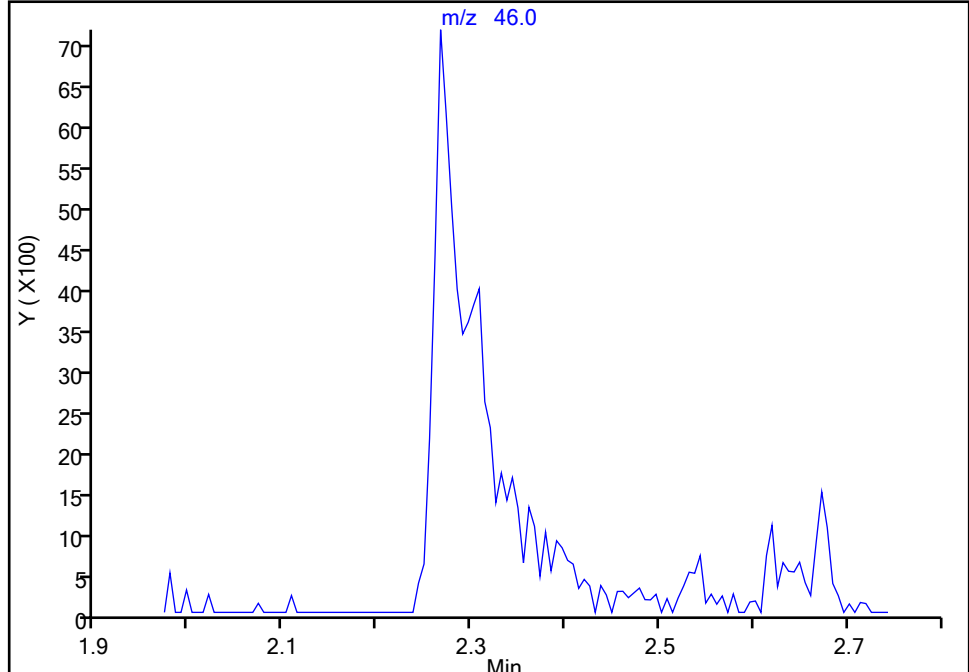
**17 Ethanol, CAS: 64-17-5**

Signal: 1

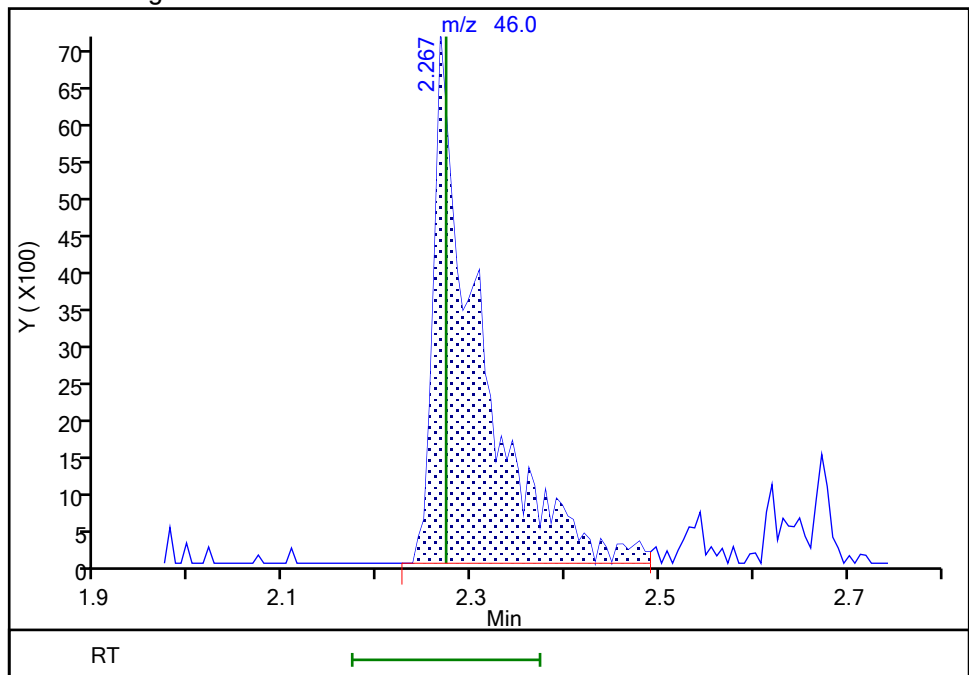
Not Detected

Expected RT: 2.27

## Processing Integration Results



## Manual Integration Results



RT: 2.27

Area: 23796

Amount: 1042.2157

Amount Units: ug/l

Reviewer: baronm, 16-Apr-2021 16:30:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00421.D

Injection Date: 15-Apr-2021 19:59:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

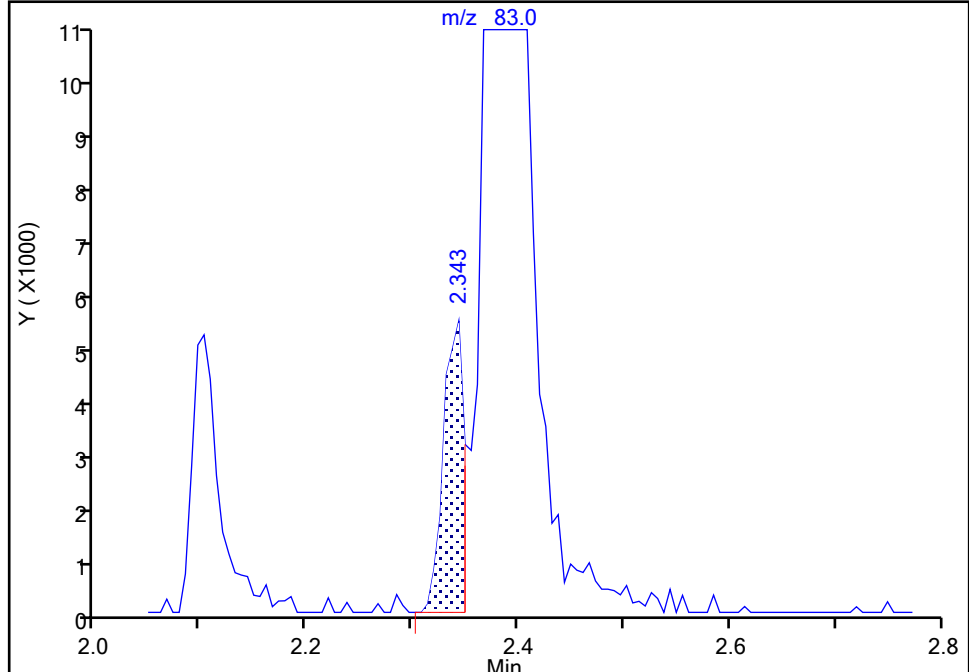
MS Quad

**19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

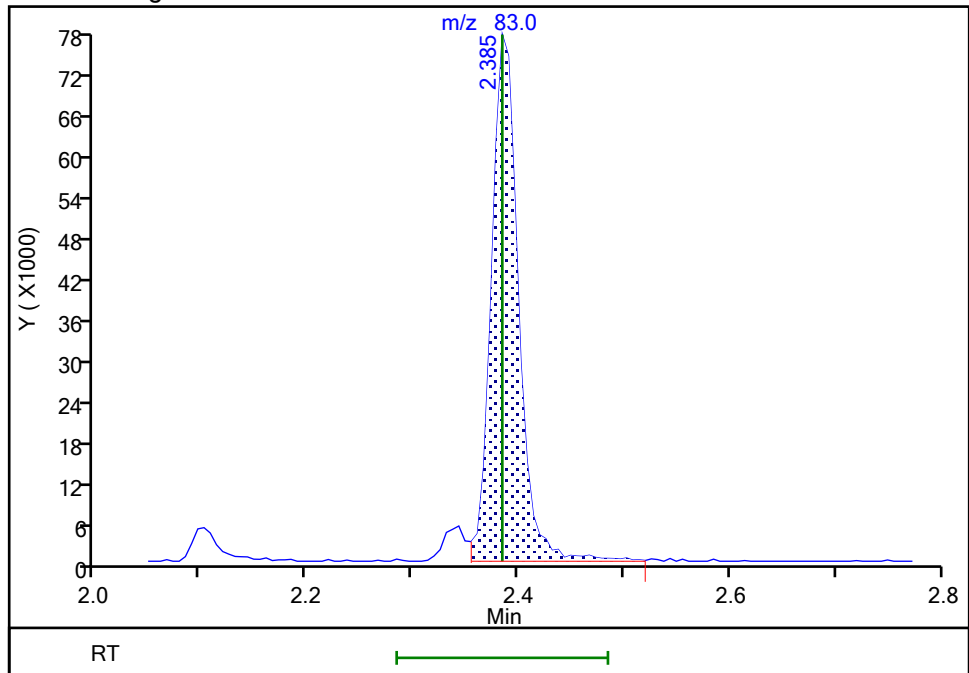
RT: 2.34  
Area: 7005  
Amount: 0.915268  
Amount Units: ug/l

## Processing Integration Results



RT: 2.38  
Area: 138485  
Amount: 18.094354  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:31:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00421.D

Injection Date: 15-Apr-2021 19:59:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

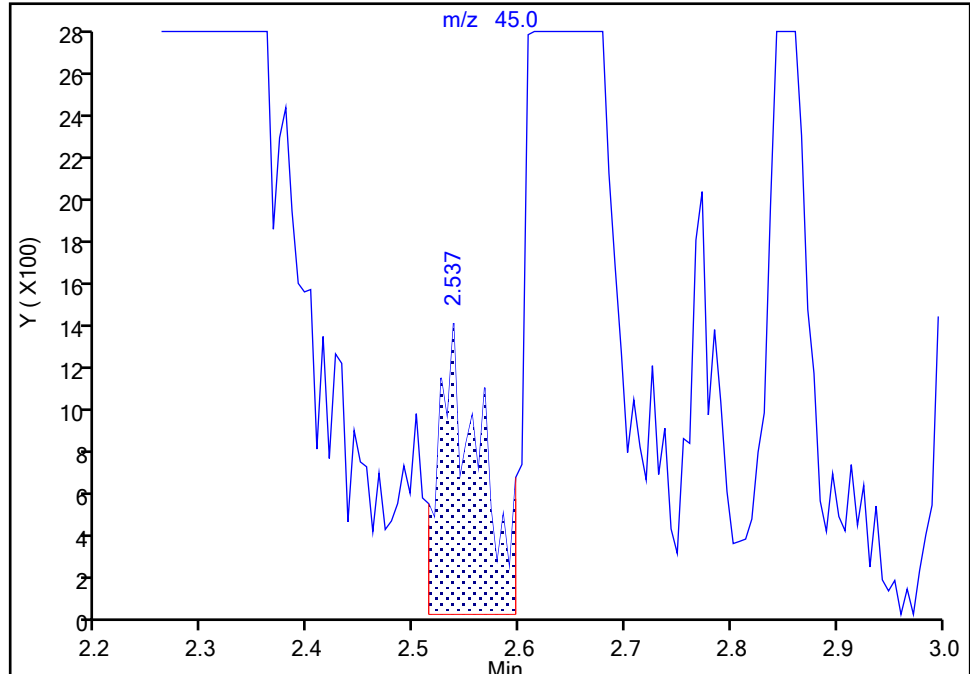
MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

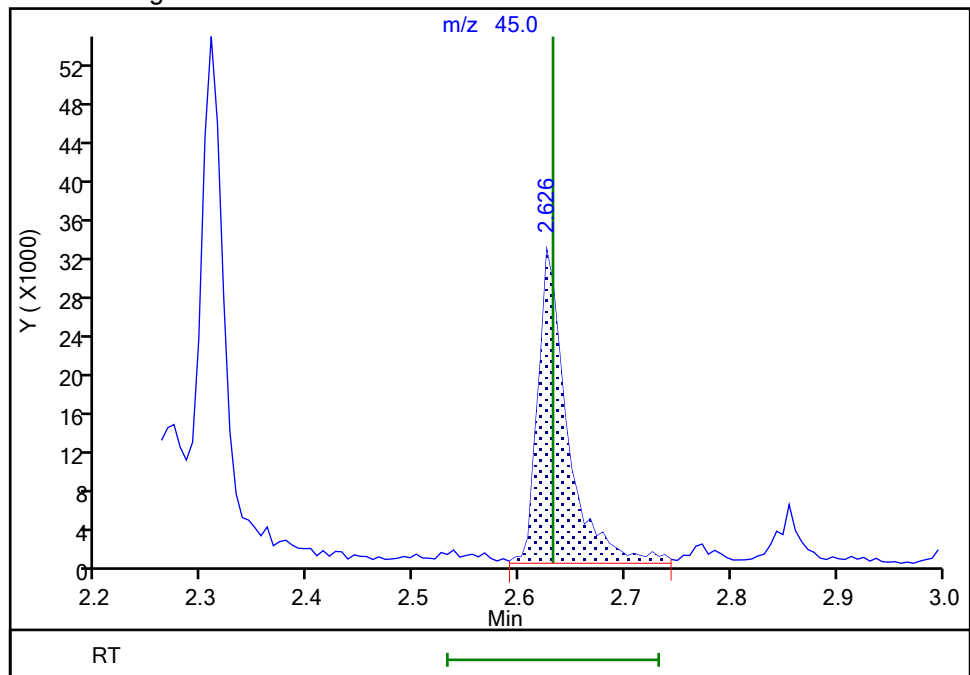
RT: 2.54  
Area: 3702  
Amount: 12.089902  
Amount Units: ug/l

## Processing Integration Results



RT: 2.63  
Area: 63055  
Amount: 205.9235  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:31:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00421.D

Injection Date: 15-Apr-2021 19:59:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

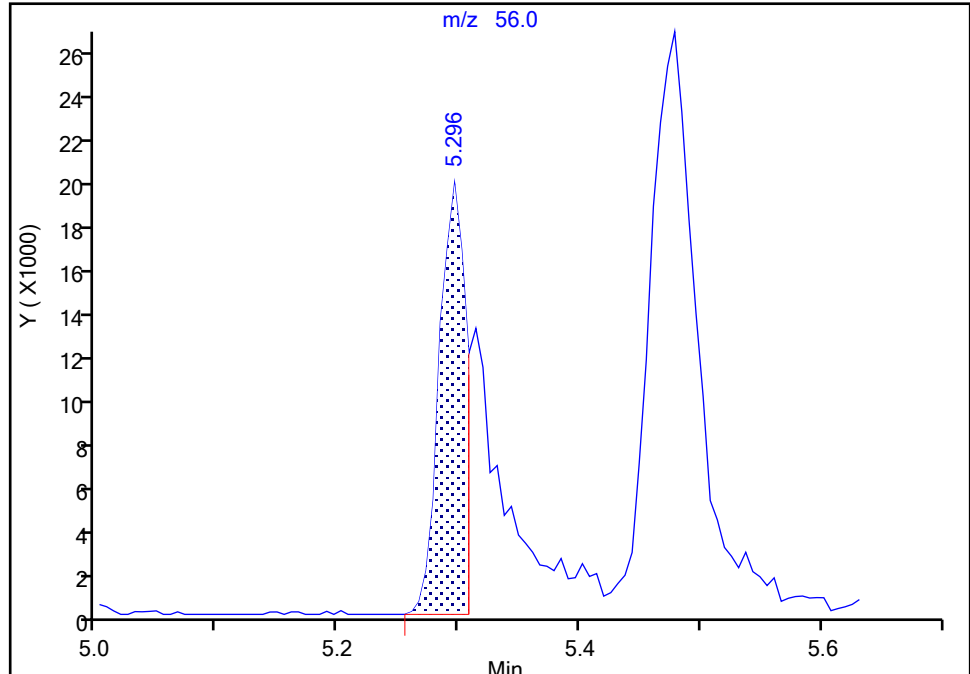
Detector: MS Quad

**70 n-Butanol, CAS: 71-36-3**

Signal: 1

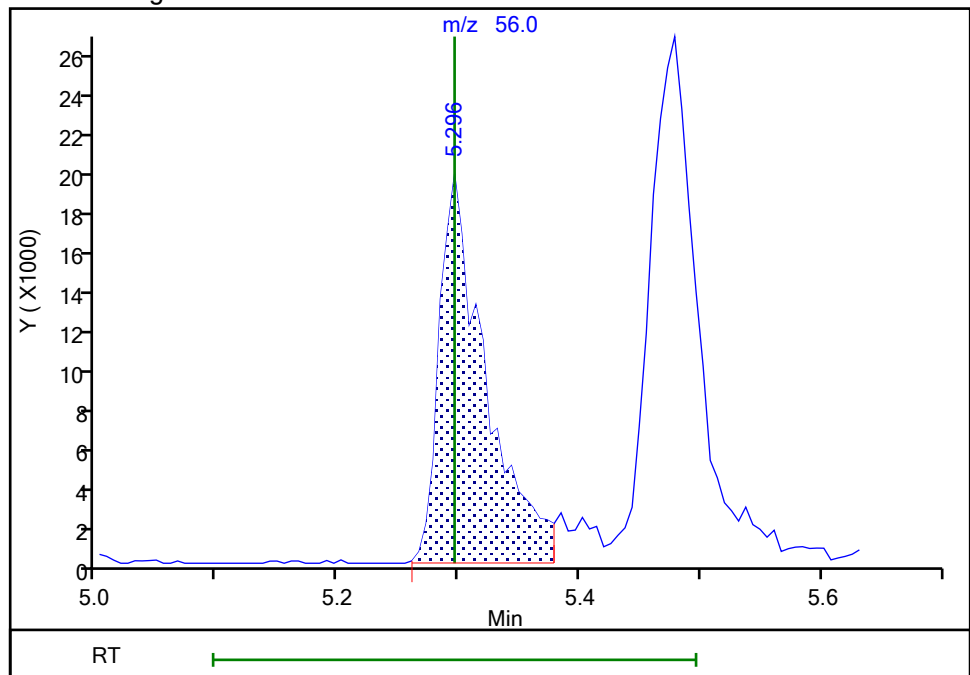
RT: 5.30  
Area: 29956  
Amount: 292.9513  
Amount Units: ug/l

## Processing Integration Results



RT: 5.30  
Area: 51792  
Amount: 506.4940  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:49:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00421.D

Injection Date: 15-Apr-2021 19:59:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

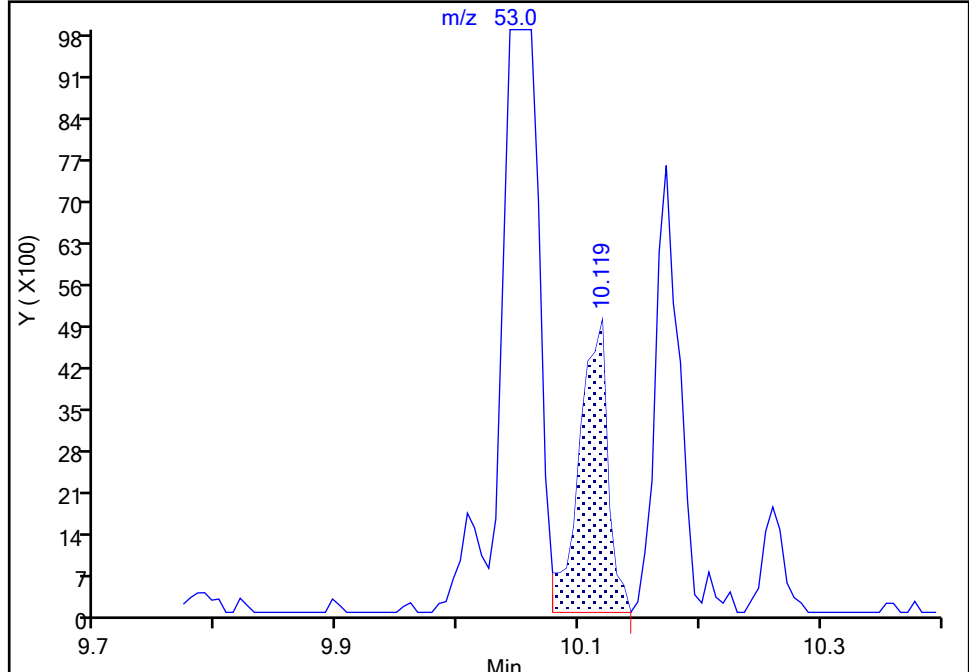
MS Quad

**112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

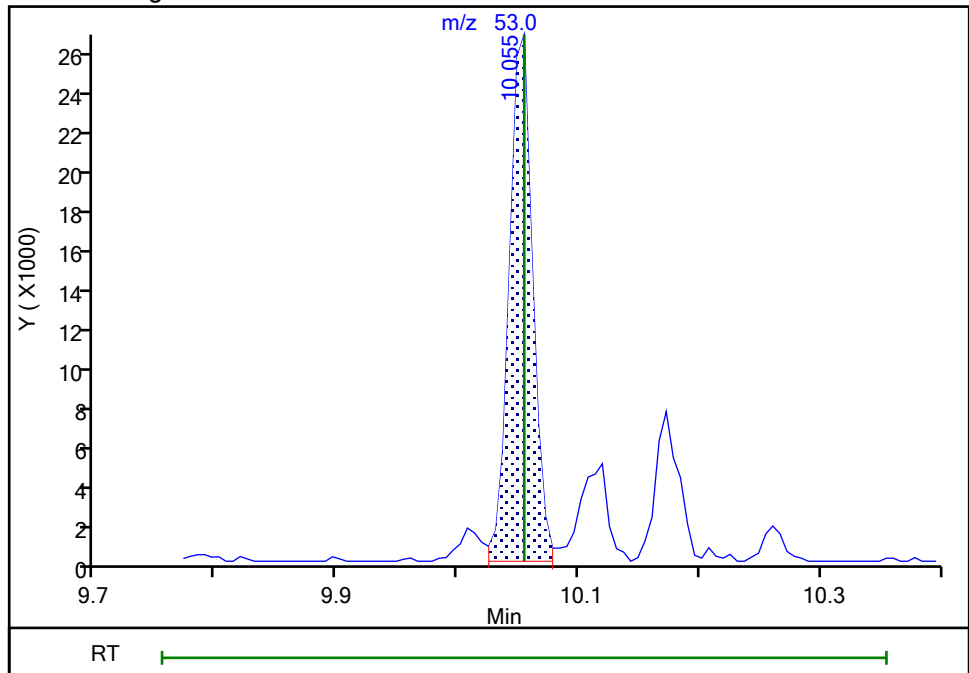
RT: 10.12  
Area: 8188  
Amount: 4.326939  
Amount Units: ug/l

## Processing Integration Results



RT: 10.05  
Area: 36139  
Amount: 19.097614  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 16-Apr-2021 16:49:36

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-775633/2 Calibration Date: 05/04/2021 08:58

Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29

Lab File ID: V01248.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
Monochloropentafluoroethane	QuaF		0.0160		6.94	20.0	-65.3*	20.0
Chlorotrifluoroethene	Ave	0.1539	0.1176		15.3	20.0	-23.6*	20.0
1,1-Difluoroethane	Ave	0.3124	0.2707		17.3	20.0	-13.3	20.0
Dichlorodifluoromethane	Ave	0.5503	0.6343	0.1000	23.1	20.0	15.3	20.0
Chlorodifluoromethane	Ave	0.5503	0.5317		19.3	20.0	-3.4	20.0
Chloromethane	Ave	0.6193	0.6007	0.1000	19.4	20.0	-3.0	20.0
Vinyl chloride	Ave	0.6223	0.6481	0.1000	20.8	20.0	4.1	20.0
Butadiene	Ave	0.6169	0.5855		19.0	20.0	-5.1	20.0
Bromomethane	Ave	2.949	3.039	0.1000	20.6	20.0	3.0	50.0
Chloroethane	Ave	3.354	3.599	0.1000	21.5	20.0	7.3	50.0
Dichlorofluoromethane	Ave	0.7530	0.7893		21.0	20.0	4.8	20.0
Trichlorofluoromethane	Ave	0.6468	0.7170	0.1000	22.2	20.0	10.9	20.0
Pentane	Ave	0.0867	0.0972		44.9	40.0	12.2	20.0
Ethanol	QuaF		0.7176		898	800	12.2	50.0
Ethyl ether	Ave	0.2987	0.2957		19.8	20.0	-1.0	20.0
2-Methyl-1,3-butadiene	Ave	0.4602	0.4460		19.4	20.0	-3.1	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.4189	0.3719		17.8	20.0	-11.2	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.6484	0.6503		20.1	20.0	0.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4176	0.4278	0.1000	20.5	20.0	2.5	20.0
Acrolein	Ave	14.61	9.729		26.6	40.0	-33.4	50.0
1,1-Dichloroethene	Ave	0.4171	0.4156	0.1000	19.9	20.0	-0.4	20.0
Acetone	Ave	1.363	1.399	0.0500	103	100	2.6	50.0
Iodomethane	QuaF		0.2996		13.6	20.0	-32.0*	20.0
Isopropyl alcohol	Ave	8.586	8.577		200	200	-0.1	50.0
Carbon disulfide	Ave	1.374	1.352	0.1000	19.7	20.0	-1.6	50.0
Methyl acetate	Ave	0.4372	0.4185	0.1000	38.3	40.0	-4.3	20.0
3-Chloro-1-propene	Ave	0.3015	0.2877		19.1	20.0	-4.6	20.0
Cyclopentene	Ave	1.237	1.272		20.6	20.0	2.8	20.0
Acetonitrile	Qua2		0.4323		210	200	5.0	20.0
Methylene Chloride	Ave	0.4708	0.4787	0.1000	20.3	20.0	1.7	20.0
2-Methyl-2-propanol	Ave	14.51	15.02		207	200	3.5	50.0
Methyl tert-butyl ether	Ave	1.368	1.444	0.1000	21.1	20.0	5.5	20.0
trans-1,2-Dichloroethene	Ave	0.4716	0.4818	0.1000	20.4	20.0	2.2	20.0
Acrylonitrile	Ave	0.2173	0.2245		207	200	3.3	20.0
Hexane	Ave	0.7082	0.7631		21.5	20.0	7.7	20.0
Isopropyl ether	Ave	1.570	1.560		19.9	20.0	-0.6	20.0
1,1-Dichloroethane	Ave	0.8714	0.8554	0.2000	19.6	20.0	-1.8	20.0
Vinyl acetate	Ave	1.010	1.106		43.8	40.0	9.6	20.0
2-Chloro-1,3-butadiene	Ave	0.4554	0.4499		19.8	20.0	-1.2	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-775633/2 Calibration Date: 05/04/2021 08:58  
 Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29  
 Lab File ID: V01248.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
Tert-butyl ethyl ether	Ave	1.416	1.465		20.7	20.0	3.4	20.0
2,2-Dichloropropane	Ave	0.1614	0.1739		21.5	20.0	7.7	20.0
cis-1,2-Dichloroethene	Ave	0.5240	0.5325	0.1000	20.3	20.0	1.6	20.0
Ethyl acetate	Ave	0.5862	0.5498		37.5	40.0	-6.2	20.0
2-Butanone (MEK)	Ave	0.6032	0.6854	0.0500	114	100	13.6	50.0
Methyl acrylate	Ave	0.4848	0.4597		19.0	20.0	-5.2	20.0
Propionitrile	Ave	23.83	24.39		205	200	2.4	20.0
Chlorobromomethane	Ave	0.2322	0.2420		20.8	20.0	4.2	20.0
Tetrahydrofuran	Ave	0.7174	0.7819		43.6	40.0	9.0	20.0
Methacrylonitrile	Ave	0.2414	0.2569		213	200	6.4	20.0
Chloroform	Ave	0.7793	0.7955	0.2000	20.4	20.0	2.1	20.0
Cyclohexane	Ave	0.8011	0.8130	0.1000	20.3	20.0	1.5	50.0
1,1,1-Trichloroethane	Ave	0.6778	0.7124	0.1000	21.0	20.0	5.1	20.0
Carbon tetrachloride	Ave	0.5539	0.5502	0.1000	19.9	20.0	-0.7	20.0
1,1-Dichloropropene	Ave	0.6817	0.6870		20.2	20.0	0.8	20.0
Isobutyl alcohol	Ave	5.323	3.896		366	500	-26.8	50.0
Isooctane	Ave	1.461	1.530		20.9	20.0	4.7	20.0
Benzene	Ave	2.858	2.701	0.5000	18.9	20.0	-5.5	20.0
Isopropyl acetate	QuaF		0.2431		20.1	20.0	0.7	20.0
Tert-amyl methyl ether	Ave	1.401	1.476		21.1	20.0	5.4	20.0
1,2-Dichloroethane	Ave	0.5338	0.5770	0.1000	21.6	20.0	8.1	20.0
n-Heptane	Ave	0.1333	0.1456		21.8	20.0	9.2	20.0
n-Butanol	Ave	2.867	2.181		380	500	-23.9	50.0
Trichloroethene	Ave	0.4776	0.4835	0.2000	20.2	20.0	1.2	20.0
Ethyl acrylate	Ave	0.0763	0.0810		21.2	20.0	6.2	20.0
Methylcyclohexane	Ave	0.8231	0.8780	0.1000	21.3	20.0	6.7	50.0
1,2-Dichloropropane	Ave	0.4859	0.4970	0.1000	20.5	20.0	2.3	20.0
Methyl methacrylate	Ave	0.1456	0.1517		41.7	40.0	4.2	20.0
1,4-Dioxane	Ave	2.834	2.960		418	400	4.5	50.0
n-Propyl acetate	Ave	0.7575	0.7080		18.7	20.0	-6.5	20.0
Dibromomethane	Ave	0.2657	0.2791		21.0	20.0	5.1	20.0
Dichlorobromomethane	Ave	0.5574	0.5720	0.2000	20.5	20.0	2.6	20.0
2-Chloroethyl vinyl ether	Ave	0.3251	0.3156		19.5	20.0	-2.9	20.0
2-Nitropropane	Ave	0.1392	0.1388		39.9	40.0	-0.3	20.0
Epichlorohydrin	Ave	0.4803	0.5347		445	400	11.3	20.0
cis-1,3-Dichloropropene	Ave	1.126	1.076	0.2000	19.1	20.0	-4.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	4.394	4.644	0.0500	106	100	5.7	50.0
Toluene	Ave	2.992	2.811	0.4000	18.8	20.0	-6.0	20.0
trans-1,3-Dichloropropene	Ave	1.004	0.9586	0.1000	19.1	20.0	-4.5	50.0
Ethyl methacrylate	Ave	0.9255	0.8530		18.4	20.0	-7.8	20.0
1,1,2-Trichloroethane	Ave	0.5103	0.4893	0.1000	19.2	20.0	-4.1	20.0



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-775633/2 Calibration Date: 05/04/2021 08:58

Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29

Lab File ID: V01248.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
Tetrachloroethene	Ave	0.6895	0.6421	0.2000	18.6	20.0	-6.9	20.0
1,3-Dichloropropane	Ave	1.044	1.039		19.9	20.0	-0.5	20.0
2-Hexanone	Ave	2.924	3.097	0.0500	106	100	5.9	50.0
n-Butyl acetate	Ave	1.096	1.005		18.3	20.0	-8.3	20.0
Chlorodibromomethane	Ave	0.6054	0.5625	0.1000	18.6	20.0	-7.1	50.0
Ethylene Dibromide	Ave	0.6025	0.6148	0.1000	20.4	20.0	2.0	20.0
Chlorobenzene	Ave	1.782	1.699	0.5000	19.1	20.0	-4.6	20.0
Ethylbenzene	Ave	0.998	0.9530	0.1000	19.1	20.0	-4.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6130	0.5733		18.7	20.0	-6.5	20.0
m-Xylene & p-Xylene	Ave	1.199	1.165	0.1000	19.4	20.0	-2.9	20.0
n-Butyl acrylate	Ave	0.5316	0.4867		18.3	20.0	-8.4	20.0
o-Xylene	Ave	1.172	1.131	0.3000	19.3	20.0	-3.5	20.0
Styrene	Ave	1.959	1.923	0.3000	19.6	20.0	-1.8	20.0
Amyl acetate (mixed isomers)	Ave	2.474	2.348		19.0	20.0	-5.1	20.0
Bromoform	Ave	0.4177	0.3795	0.1000	18.2	20.0	-9.2	20.0
Isopropylbenzene	Ave	2.855	2.944	0.1000	20.6	20.0	3.1	20.0
Bromobenzene	Ave	1.450	1.363		18.8	20.0	-6.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.775	1.706	0.3000	19.2	20.0	-3.9	20.0
N-Propylbenzene	Ave	7.316	7.456		20.4	20.0	1.9	20.0
1,2,3-Trichloropropane	Ave	0.5231	0.4983		19.1	20.0	-4.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.5153	0.4487		17.4	20.0	-12.9	20.0
2-Chlorotoluene	Ave	5.100	4.902		19.2	20.0	-3.9	20.0
4-Ethyltoluene	Ave	6.123	6.111		20.0	20.0	-0.2	20.0
1,3,5-Trimethylbenzene	Ave	4.996	4.914		19.7	20.0	-1.6	20.0
4-Chlorotoluene	Ave	4.433	4.302		19.4	20.0	-2.9	20.0
Butyl Methacrylate	Ave	1.744	1.675		19.2	20.0	-3.9	20.0
tert-Butylbenzene	Ave	4.296	4.155		19.3	20.0	-3.3	20.0
1,2,4-Trimethylbenzene	Ave	4.973	4.956		19.9	20.0	-0.3	20.0
sec-Butylbenzene	Ave	6.159	6.389		20.7	20.0	3.7	20.0
4-Isopropyltoluene	Ave	5.398	5.173		19.2	20.0	-4.2	20.0
1,3-Dichlorobenzene	Ave	2.803	2.662	0.6000	19.0	20.0	-5.0	20.0
1,4-Dichlorobenzene	Ave	2.912	2.694	0.5000	18.5	20.0	-7.5	20.0
1,2,3-Trimethylbenzene	Ave	5.050	5.091		20.2	20.0	0.8	20.0
Benzyl chloride	Ave	3.225	3.555		22.0	20.0	10.2	50.0
Indan	Ave	4.923	5.044		20.5	20.0	2.5	20.0
p-Diethylbenzene	Ave	2.704	2.715		20.1	20.0	0.4	20.0
n-Butylbenzene	Ave	2.713	2.528		18.6	20.0	-6.8	20.0
1,2-Dichlorobenzene	Ave	2.585	2.469	0.4000	19.1	20.0	-4.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.301	3.990		18.6	20.0	-7.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3881	0.3578	0.0500	18.4	20.0	-7.8	50.0
1,3,5-Trichlorobenzene	Ave	1.823	1.676		18.4	20.0	-8.1	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-775633/2 Calibration Date: 05/04/2021 08:58  
 Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29  
 Lab File ID: V01248.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
1,2,4-Trichlorobenzene	Ave	1.651	1.481	0.2000	17.9	20.0	-10.3	20.0
Hexachlorobutadiene	Ave	0.6271	0.5533		17.6	20.0	-11.8	20.0
Naphthalene	Ave	4.726	4.372		18.5	20.0	-7.5	50.0
1,2,3-Trichlorobenzene	Ave	1.557	1.383		17.8	20.0	-11.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2980	0.3024		50.7	50.0	1.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3085	0.3180		51.5	50.0	3.1	20.0
Toluene-d8 (Surr)	Ave	1.956	1.821		46.5	50.0	-6.9	20.0
4-Bromofluorobenzene	Ave	0.4685	0.4451		47.5	50.0	-5.0	20.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01248.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 04-May-2021 08:58:30 ALS Bottle#: 1 Worklist Smp#: 2  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0128028-002  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 10:12:32 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1680

First Level Reviewer: starzecm

Date: 04-May-2021 10:16:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.279	1.279	0.000	66	4311	20.0	6.94	
3 Chlorotrifluoroethene	116	1.373	1.373	0.000	92	31790	20.0	15.3	
4 1,1-Difluoroethane	51	1.390	1.390	0.000	91	73163	20.0	17.3	
5 Dichlorodifluoromethane	85	1.402	1.402	0.000	100	171431	20.0	23.1	
2 Chlorodifluoromethane	51	1.426	1.426	0.000	99	143699	20.0	19.3	
6 Chloromethane	50	1.561	1.561	0.000	100	162350	20.0	19.4	
7 Vinyl chloride	62	1.620	1.620	0.000	98	175149	20.0	20.8	
8 Butadiene	54	1.643	1.643	0.000	97	158240	20.0	19.0	
9 Bromomethane	94	1.873	1.873	0.000	99	86712	20.0	20.6	
10 Chloroethane	64	1.938	1.938	0.000	98	102687	20.0	21.5	
11 Dichlorofluoromethane	67	2.079	2.079	0.000	99	213310	20.0	21.0	
12 Trichlorofluoromethane	101	2.090	2.090	0.000	99	193783	20.0	22.2	
13 Pentane	72	2.126	2.126	0.000	96	52548	40.0	44.9	
17 Ethanol	46	2.249	2.249	0.000	94	27659	800.0	898.0	a
14 Ethyl ether	74	2.285	2.285	0.000	91	79932	20.0	19.8	
15 2-Methyl-1,3-butadiene	53	2.308	2.308	0.000	95	120534	20.0	19.4	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.314	2.314	0.000	86	100515	20.0	17.8	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.361	2.361	0.000	97	175757	20.0	20.1	a
18 1,1,2,2-Tetrafluoroethane	101	2.426	2.426	0.000	96	115630	20.0	20.5	
52 Acrolein	56	2.443	2.443	0.000	50	18750	40.0	26.6	
20 1,1-Dichloroethene	96	2.473	2.473	0.000	99	112324	20.0	19.9	
23 Acetone	43	2.537	2.537	0.000	88	199635	100.0	102.6	
24 Isopropyl alcohol	45	2.608	2.608	0.000	78	82647	200.0	199.8	a
21 Iodomethane	142	2.608	2.608	0.000	96	80979	20.0	13.6	
22 Carbon disulfide	76	2.649	2.649	0.000	99	365381	20.0	19.7	
30 Methyl acetate	43	2.743	2.743	0.000	98	226189	40.0	38.3	
26 3-Chloro-1-propene	76	2.749	2.749	0.000	90	77752	20.0	19.1	
27 Acetonitrile	40	2.802	2.802	0.000	98	123364	200.0	209.9	
25 Cyclopentene	67	2.767	2.767	0.000	95	343659	20.0	20.6	
* 28 TBA-d9 (IS)	66	2.826	2.826	0.000	100	48181	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.855	2.855	0.000	93	129381	20.0	20.3	
31 2-Methyl-2-propanol	59	2.890	2.890	0.000	99	144751	200.0	207.1	
32 Methyl tert-butyl ether	73	2.990	2.990	0.000	97	390185	20.0	21.1	
33 trans-1,2-Dichloroethene	96	3.026	3.026	0.000	95	130203	20.0	20.4	
35 Acrylonitrile	53	3.084	3.084	0.000	96	606634	200.0	206.6	
36 Hexane	57	3.161	3.161	0.000	91	206231	20.0	21.5	
37 Isopropyl ether	45	3.337	3.337	0.000	97	421642	20.0	19.9	
40 Vinyl acetate	86	3.390	3.390	0.000	99	63133	40.0	43.8	
38 1,1-Dichloroethane	63	3.390	3.390	0.000	60	231194	20.0	19.6	
39 2-Chloro-1,3-butadiene	88	3.432	3.432	0.000	89	121582	20.0	19.8	
41 Tert-butyl ethyl ether	59	3.637	3.637	0.000	90	395851	20.0	20.7	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	95	356700	250.0	250.0	
43 2,2-Dichloropropane	97	3.855	3.855	0.000	93	47006	20.0	21.5	
45 cis-1,2-Dichloroethene	96	3.884	3.884	0.000	86	143910	20.0	20.3	
47 Ethyl acetate	70	3.884	3.884	0.000	92	31380	40.0	37.5	
44 2-Butanone (MEK)	72	3.890	3.890	0.000	96	97796	100.0	113.6	
46 Methyl acrylate	55	3.949	3.949	0.000	100	124231	20.0	19.0	
48 Propionitrile	54	4.020	4.020	0.000	99	235064	200.0	204.8	
49 Chlorobromomethane	128	4.108	4.108	0.000	95	65403	20.0	20.8	
50 Tetrahydrofuran	72	4.108	4.108	0.000	82	44623	40.0	43.6	
54 Methacrylonitrile	67	4.120	4.120	0.000	94	694268	200.0	212.8	
51 Chloroform	83	4.155	4.155	0.000	98	215008	20.0	20.4	
53 Cyclohexane	84	4.290	4.290	0.000	90	219732	20.0	20.3	
55 1,1,1-Trichloroethane	97	4.296	4.296	0.000	95	192553	20.0	21.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	97	204346	50.0	50.7	
57 Carbon tetrachloride	117	4.426	4.426	0.000	98	148704	20.0	19.9	
58 1,1-Dichloropropene	75	4.449	4.449	0.000	99	185679	20.0	20.2	
61 Isobutyl alcohol	43	4.567	4.567	0.000	94	93863	500.0	366.0	
64 Isooctane	57	4.614	4.614	0.000	99	413532	20.0	20.9	
59 Benzene	78	4.649	4.649	0.000	96	545068	20.0	18.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	96	214877	50.0	51.5	
66 Isopropyl acetate	61	4.684	4.684	0.000	97	65704	20.0	20.1	
62 Tert-amyl methyl ether	73	4.702	4.702	0.000	90	398889	20.0	21.1	
63 1,2-Dichloroethane	62	4.749	4.749	0.000	97	155953	20.0	21.6	
65 n-Heptane	100	4.796	4.796	0.000	93	39354	20.0	21.8	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	675673	50.0	50.0	
70 n-Butanol	56	5.267	5.267	0.000	86	52542	500.0	380.4	
69 Trichloroethene	95	5.314	5.314	0.000	98	130673	20.0	20.2	
71 Ethyl acrylate	99	5.437	5.437	0.000	95	21900	20.0	21.2	
72 Methylcyclohexane	83	5.443	5.443	0.000	85	237298	20.0	21.3	
73 1,2-Dichloropropane	63	5.625	5.625	0.000	93	134333	20.0	20.5	
* 68 1,4-Dioxane-d8	96	5.690	5.690	0.000	45	29675	1000.0	1000.0	
74 Methyl methacrylate	100	5.690	5.690	0.000	93	81989	40.0	41.7	
78 1,4-Dioxane	88	5.749	5.749	0.000	27	35133	400.0	417.8	
77 n-Propyl acetate	43	5.755	5.755	0.000	99	191360	20.0	18.7	
75 Dibromomethane	93	5.773	5.773	0.000	98	75439	20.0	21.0	
76 Dichlorobromomethane	83	5.925	5.925	0.000	99	154596	20.0	20.5	
79 2-Chloroethyl vinyl ether	63	6.290	6.290	0.000	74	85492	20.0	19.5	
34 2-Nitropropane	41	6.290	6.290	0.000	84	75034	40.0	39.9	
80 Epichlorohydrin	57	6.408	6.408	0.000	99	305184	400.0	445.3	
81 cis-1,3-Dichloropropene	75	6.478	6.478	0.000	90	217103	20.0	19.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.643	6.643	0.000	96	662646	100.0	105.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 82 Toluene-d8 (Surr)	98	6.743	6.743	0.000	99	918676	50.0	46.5	
83 Toluene	91	6.825	6.825	0.000	93	567275	20.0	18.8	
85 trans-1,3-Dichloropropene	75	7.231	7.231	0.000	96	193419	20.0	19.1	
86 Ethyl methacrylate	69	7.255	7.255	0.000	88	172118	20.0	18.4	
87 1,1,2-Trichloroethane	83	7.472	7.472	0.000	95	98723	20.0	19.2	
88 Tetrachloroethene	166	7.519	7.519	0.000	96	129551	20.0	18.6	
89 1,3-Dichloropropane	76	7.708	7.708	0.000	91	209569	20.0	19.9	
91 2-Hexanone	43	7.767	7.767	0.000	96	441921	100.0	105.9	
92 n-Butyl acetate	43	7.890	7.890	0.000	100	202862	20.0	18.3	
90 Chlorodibromomethane	129	7.949	7.949	0.000	98	113489	20.0	18.6	
93 Ethylene Dibromide	107	8.102	8.102	0.000	97	124061	20.0	20.4	
* 94 Chlorobenzene-d5	117	8.596	8.596	0.000	86	504439	50.0	50.0	
95 Chlorobenzene	112	8.631	8.631	0.000	95	342871	20.0	19.1	
97 Ethylbenzene	106	8.714	8.714	0.000	98	192301	20.0	19.1	
96 1,1,1,2-Tetrachloroethane	131	8.731	8.731	0.000	96	115672	20.0	18.7	
98 m-Xylene & p-Xylene	106	8.849	8.849	0.000	96	234984	20.0	19.4	
99 n-Butyl acrylate	73	9.243	9.243	0.000	96	98214	20.0	18.3	
100 o-Xylene	106	9.261	9.261	0.000	93	228186	20.0	19.3	
101 Styrene	104	9.290	9.290	0.000	97	387950	20.0	19.6	
102 Amyl acetate (mixed isomers)	43	9.466	9.466	0.000	91	225211	20.0	19.0	
103 Bromoform	173	9.496	9.496	0.000	95	76575	20.0	18.2	
104 Isopropylbenzene	105	9.602	9.602	0.000	95	593962	20.0	20.6	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	224513	50.0	47.5	
107 Bromobenzene	156	9.925	9.925	0.000	98	130717	20.0	18.8	
108 1,1,2,2-Tetrachloroethane	83	9.972	9.972	0.000	99	163642	20.0	19.2	
109 N-Propylbenzene	91	9.984	9.984	0.000	99	714972	20.0	20.4	
115 1,2,3-Trichloropropane	110	10.013	10.013	0.000	97	47788	20.0	19.1	
112 trans-1,4-Dichloro-2-butene	53	10.031	10.031	0.000	92	43032	20.0	17.4	a
114 2-Chlorotoluene	91	10.090	10.090	0.000	89	470063	20.0	19.2	
113 4-Ethyltoluene	105	10.090	10.090	0.000	90	585990	20.0	20.0	
116 1,3,5-Trimethylbenzene	105	10.149	10.149	0.000	93	471284	20.0	19.7	
110 4-Chlorotoluene	91	10.190	10.190	0.000	97	412562	20.0	19.4	
117 Butyl Methacrylate	87	10.237	10.237	0.000	90	160666	20.0	19.2	
118 tert-Butylbenzene	119	10.419	10.419	0.000	95	398461	20.0	19.3	
119 1,2,4-Trimethylbenzene	105	10.472	10.472	0.000	97	475308	20.0	19.9	
120 sec-Butylbenzene	105	10.602	10.602	0.000	100	612709	20.0	20.7	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	496079	20.0	19.2	
122 1,3-Dichlorobenzene	146	10.737	10.737	0.000	96	255294	20.0	19.0	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	96	239746	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.819	10.819	0.000	95	258327	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	10.825	10.825	0.000	99	488178	20.0	20.2	
125 Benzyl chloride	91	10.937	10.937	0.000	99	340880	20.0	22.0	
111 2,3-Dihydroindene	117	10.990	10.990	0.000	94	483698	20.0	20.5	
126 p-Diethylbenzene	119	11.031	11.031	0.000	93	260384	20.0	20.1	
127 n-Butylbenzene	92	11.055	11.055	0.000	98	242400	20.0	18.6	
128 1,2-Dichlorobenzene	146	11.119	11.119	0.000	96	236729	20.0	19.1	
130 1,2,4,5-Tetramethylbenzene	119	11.643	11.643	0.000	97	382622	20.0	18.6	
129 1,2-Dibromo-3-Chloropropane	157	11.737	11.737	0.000	97	34312	20.0	18.4	
132 1,3,5-Trichlorobenzene	180	11.843	11.843	0.000	97	160686	20.0	18.4	
131 1,2,4-Trichlorobenzene	180	12.307	12.307	0.000	93	142010	20.0	17.9	
133 Hexachlorobutadiene	225	12.384	12.384	0.000	93	53062	20.0	17.6	
134 Naphthalene	128	12.490	12.490	0.000	99	419267	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.666	12.666	0.000	96	132642	20.0	17.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 137 Xylenes, Total	100				0		40.0	38.7	
S 138 1,3-Dichloropropene, Total	1				0		40.0	38.2	
S 139 Total BTEX	1				0		100.0	95.5	

**QC Flag Legend**

Processing Flags

Review Flags

a - User Assigned ID

**Reagents:**

8260MIX1COMB_00136	Amount Added: 20.00	Units: uL	
ACROLEIN W_00123	Amount Added: 4.00	Units: uL	
524freon_00036	Amount Added: 20.00	Units: uL	
GASES Li_00418	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01248.D

Injection Date: 04-May-2021 08:58:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

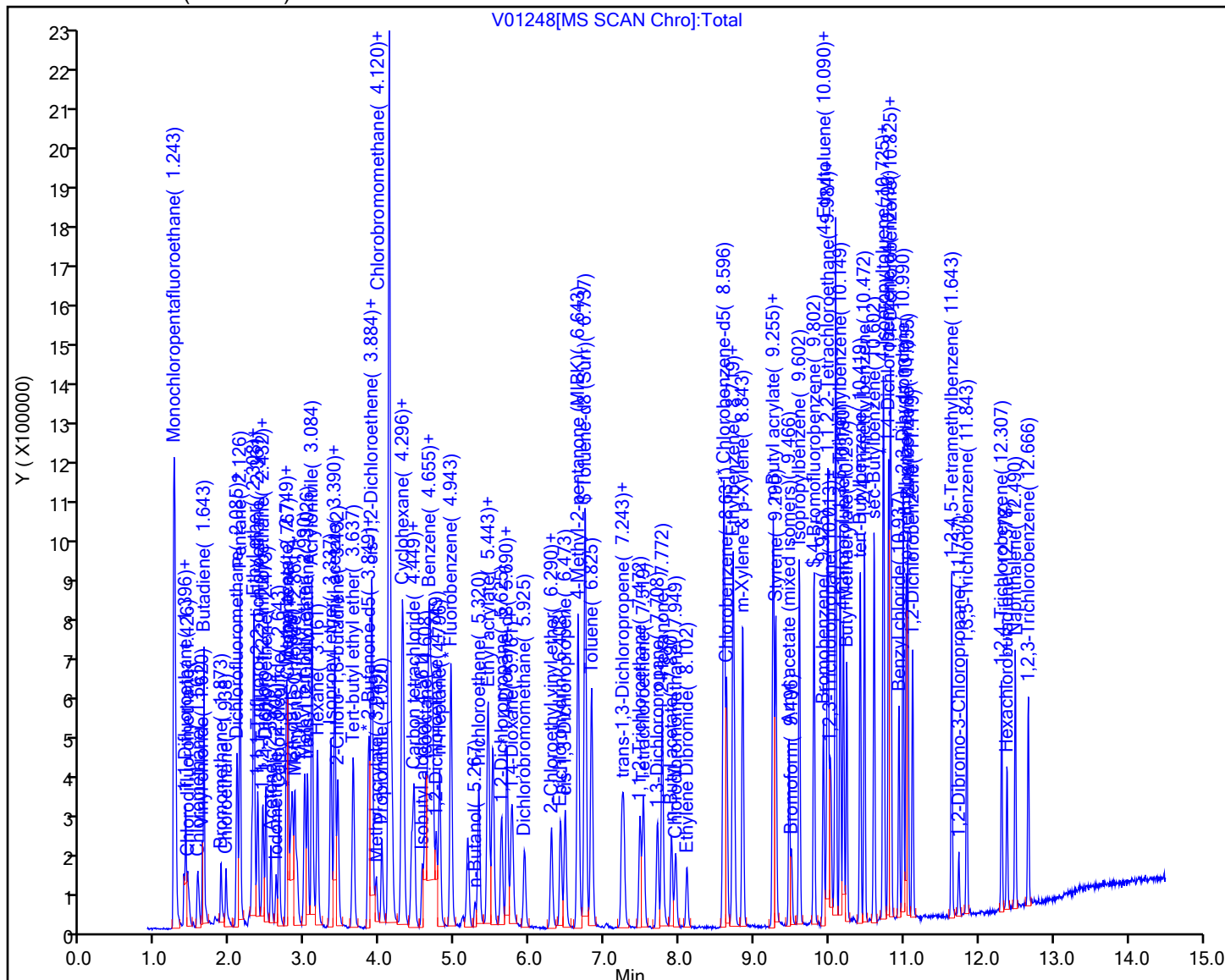
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01248.D

Injection Date: 04-May-2021 08:58:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

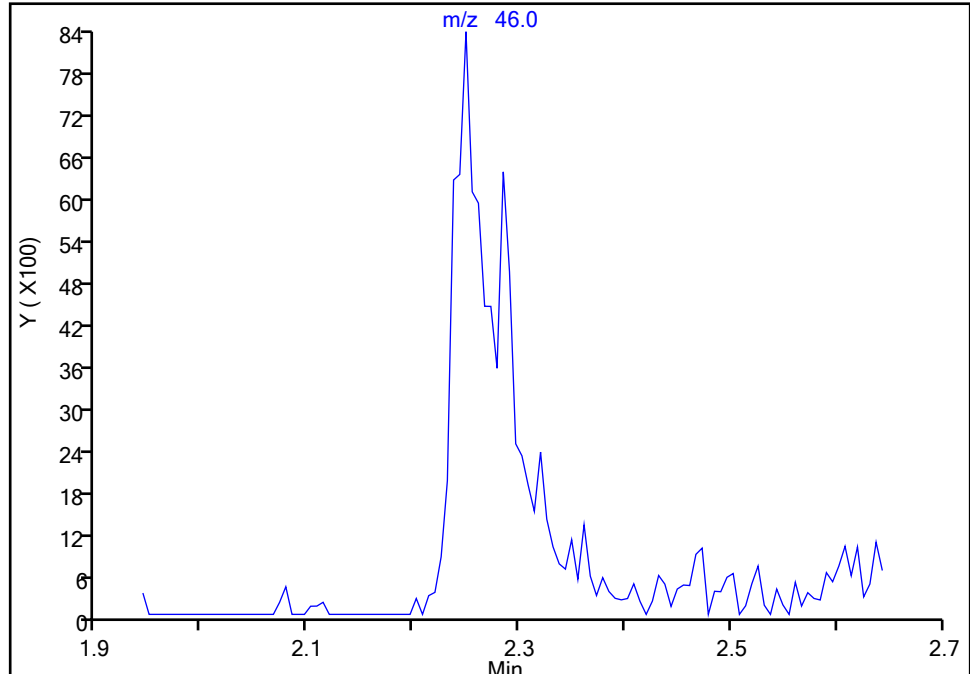
**17 Ethanol, CAS: 64-17-5**

Signal: 1

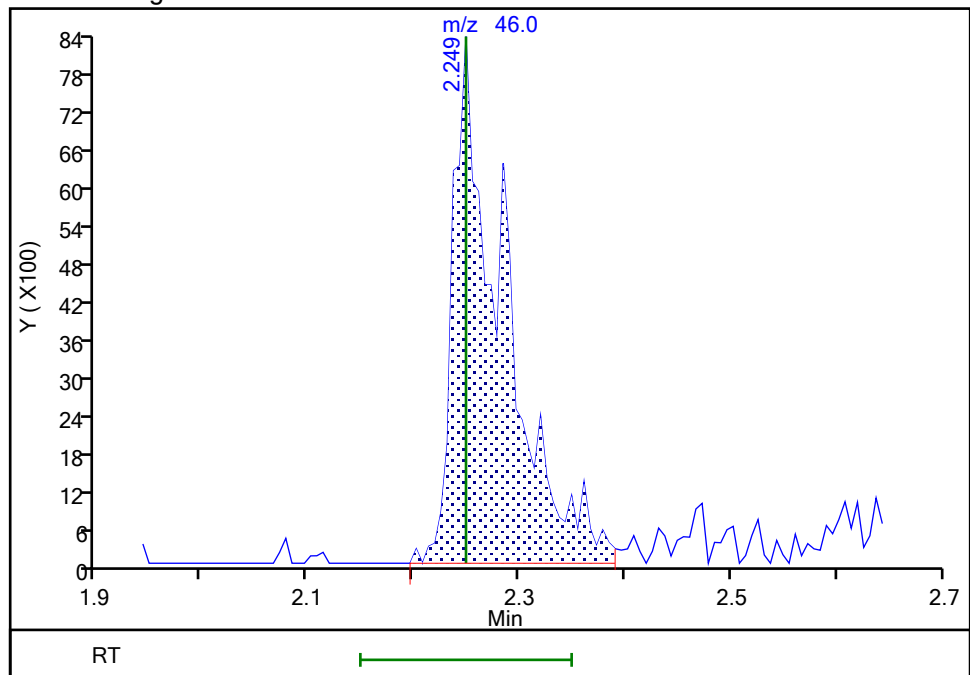
Not Detected

Expected RT: 2.25

## Processing Integration Results



## Manual Integration Results



Reviewer: starzecm, 04-May-2021 10:15:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01248.D

Injection Date: 04-May-2021 08:58:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

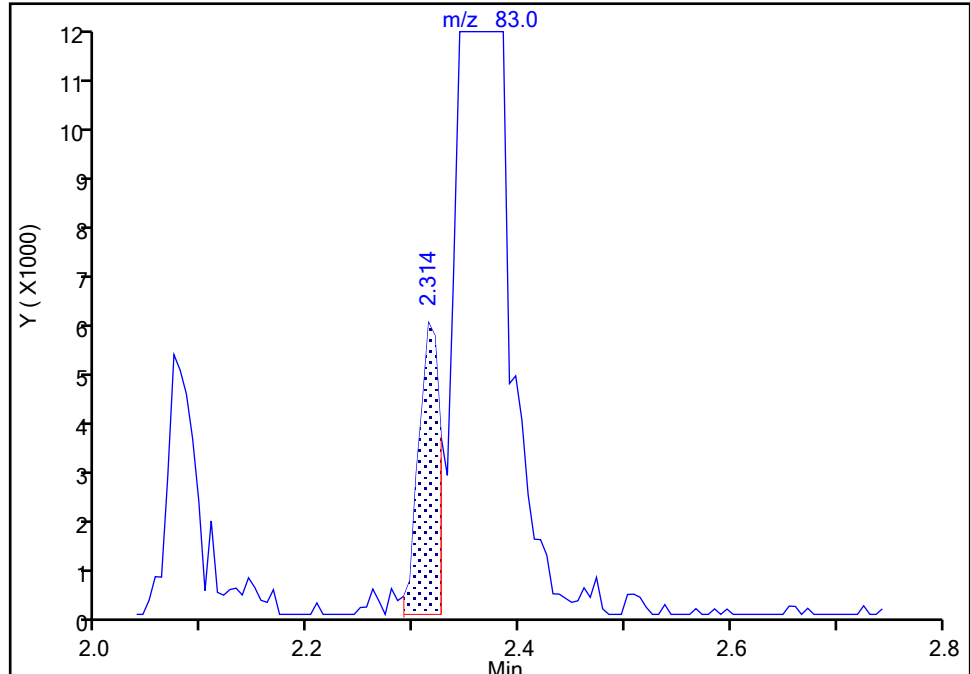
MS Quad

**19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

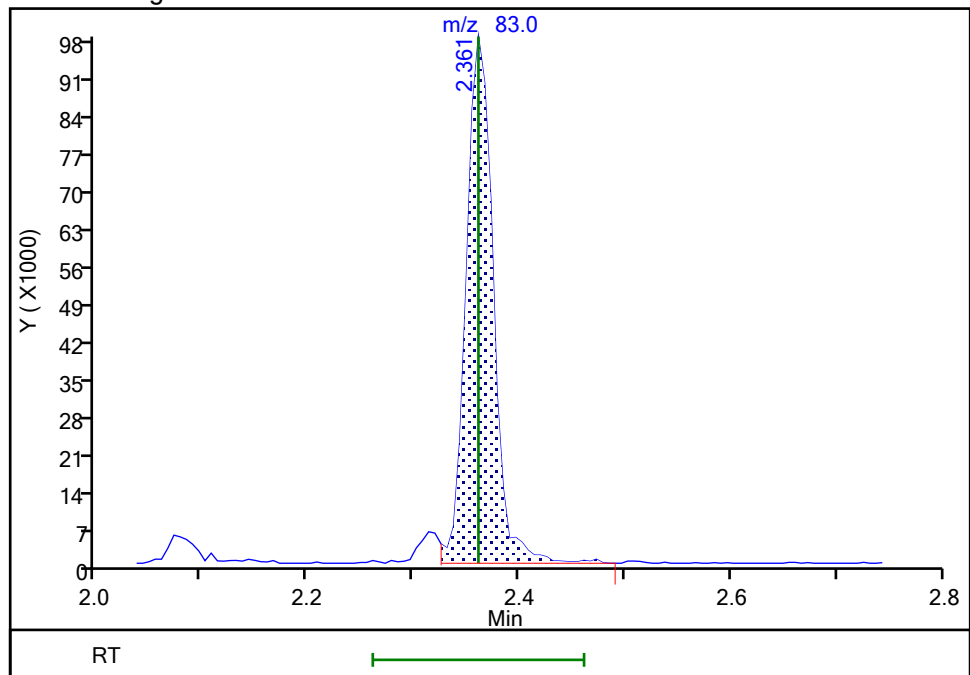
RT: 2.31  
Area: 8209  
Amount: 0.936805  
Amount Units: ug/l

## Processing Integration Results



RT: 2.36  
Area: 175757  
Amount: 20.057253  
Amount Units: ug/l

## Manual Integration Results



Reviewer: starzecm, 04-May-2021 10:15:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01248.D

Injection Date: 04-May-2021 08:58:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

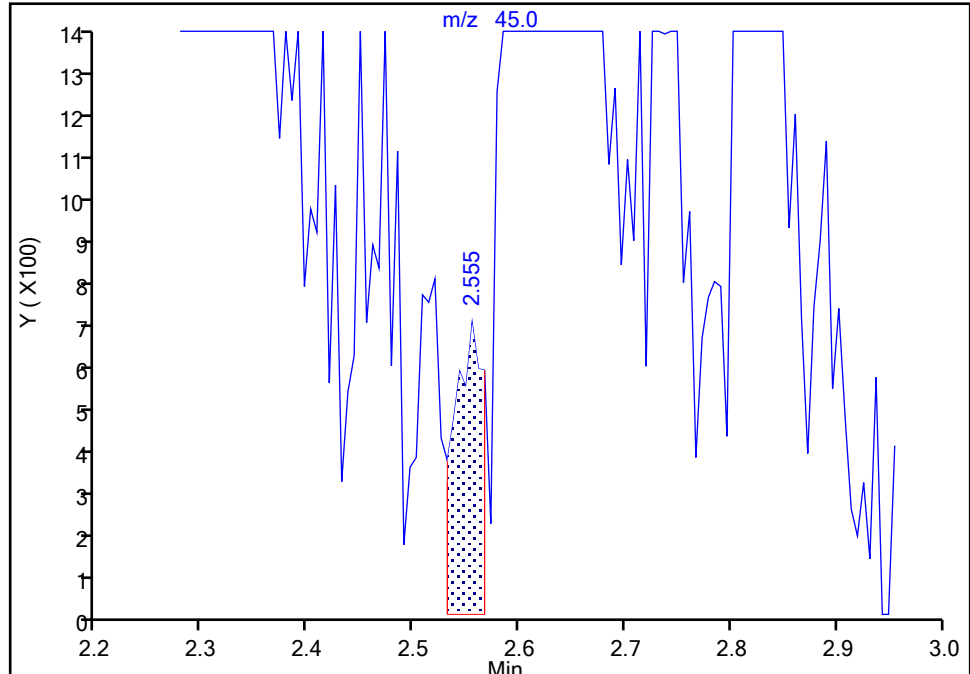
MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

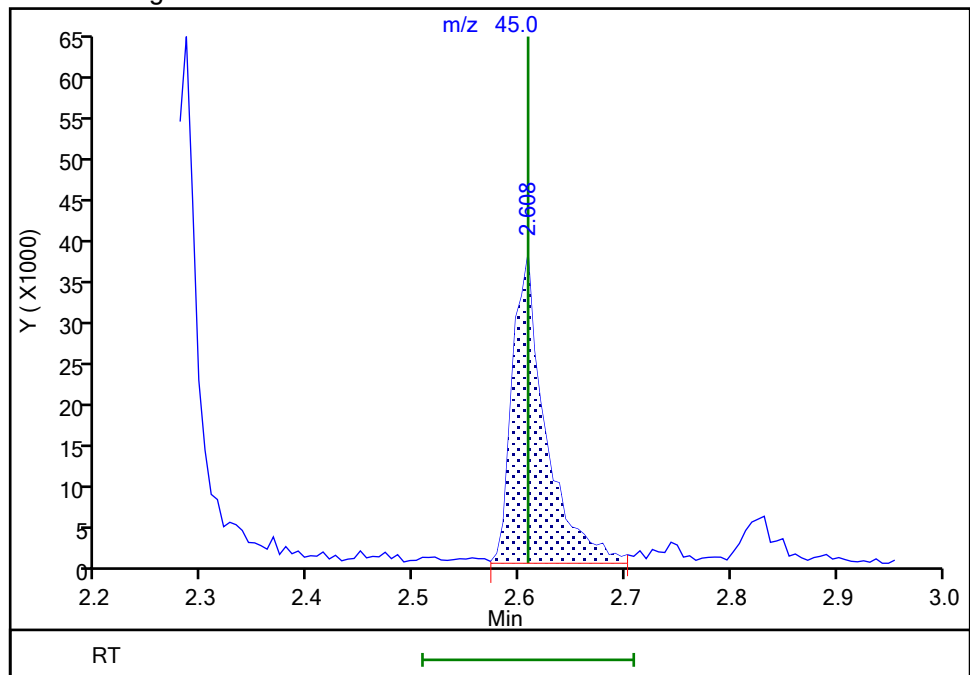
RT: 2.56  
Area: 1281  
Amount: 3.096720  
Amount Units: ug/l

## Processing Integration Results



RT: 2.61  
Area: 82647  
Amount: 199.7928  
Amount Units: ug/l

## Manual Integration Results



Reviewer: starzecm, 04-May-2021 10:15:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01248.D

Injection Date: 04-May-2021 08:58:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

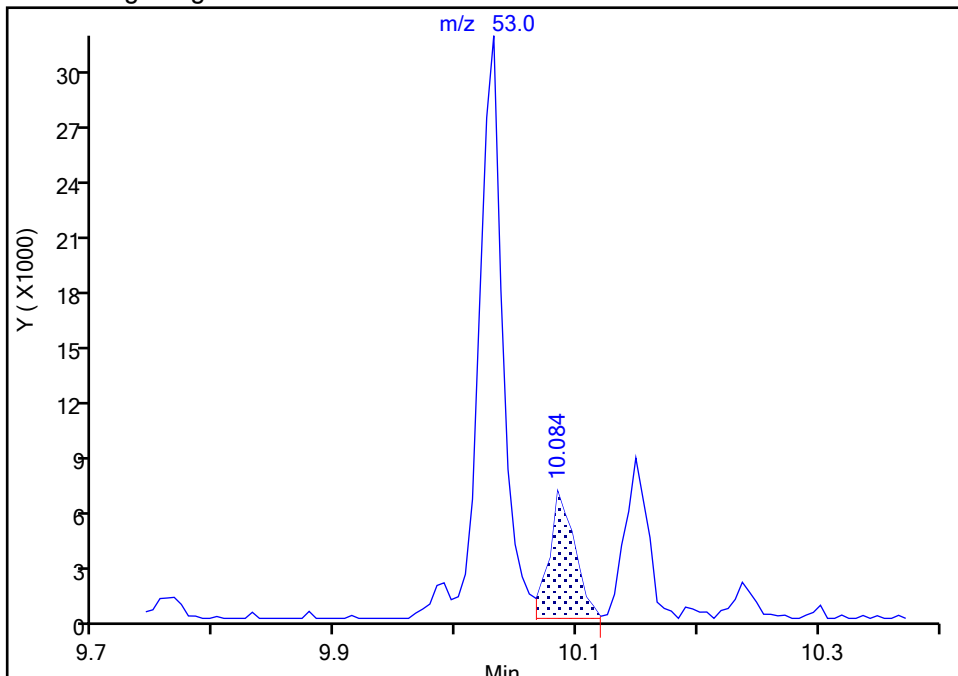
MS Quad

**112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

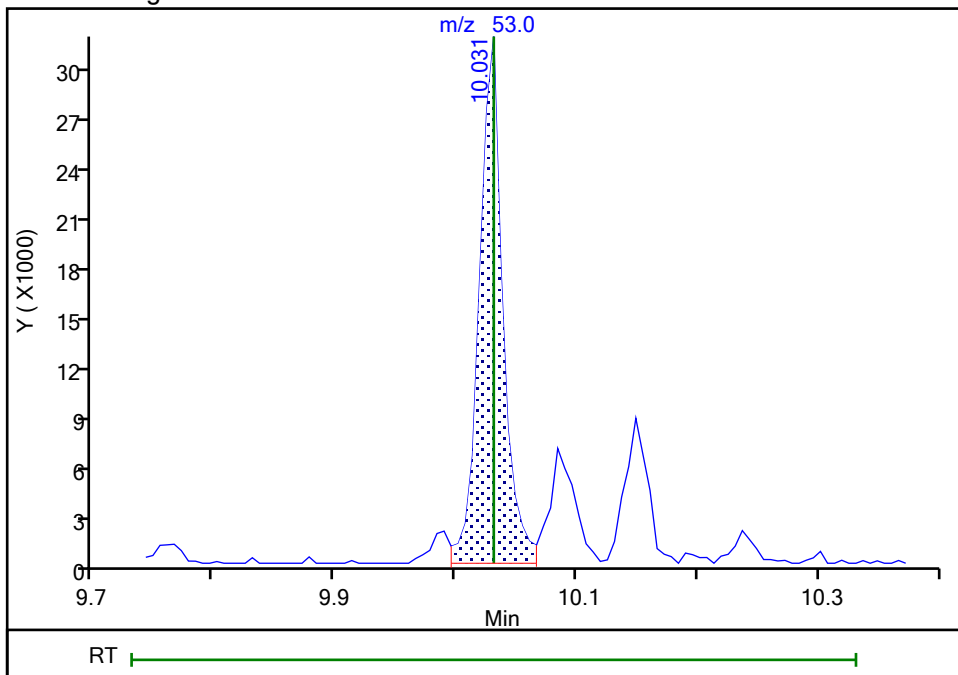
RT: 10.08  
Area: 10180  
Amount: 4.120434  
Amount Units: ug/l

## Processing Integration Results



RT: 10.03  
Area: 43032  
Amount: 17.417538  
Amount Units: ug/l

## Manual Integration Results



Reviewer: starzecm, 04-May-2021 10:15:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00408.D  
Lims ID: BFB  
Client ID:  
Sample Type: BFB  
Inject. Date: 15-Apr-2021 14:44:30 ALS Bottle#: 99 Worklist Smp#: 1  
Injection Vol: 5.0 mL Dil. Factor: 1.0000  
Sample Info: BFB  
Misc. Info.: 460-0127059-001  
Operator ID: Instrument ID: CVOAMS7  
Method: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\8260W\_7.m  
Limit Group: VOA - 8260D Water and Solid  
Last Update: 16-Apr-2021 16:48:22 Calib Date: 15-Apr-2021 18:29:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
Process Host: CTX1683

First Level Reviewer: martineze

Date: 15-Apr-2021 14:50:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 140 BFB	95	2.694	2.694	0.000	83	157794	NR	NR	
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**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

BFB\_00029

Amount Added: 1.00

Units: uL

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00408.D

Injection Date: 15-Apr-2021 14:44:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

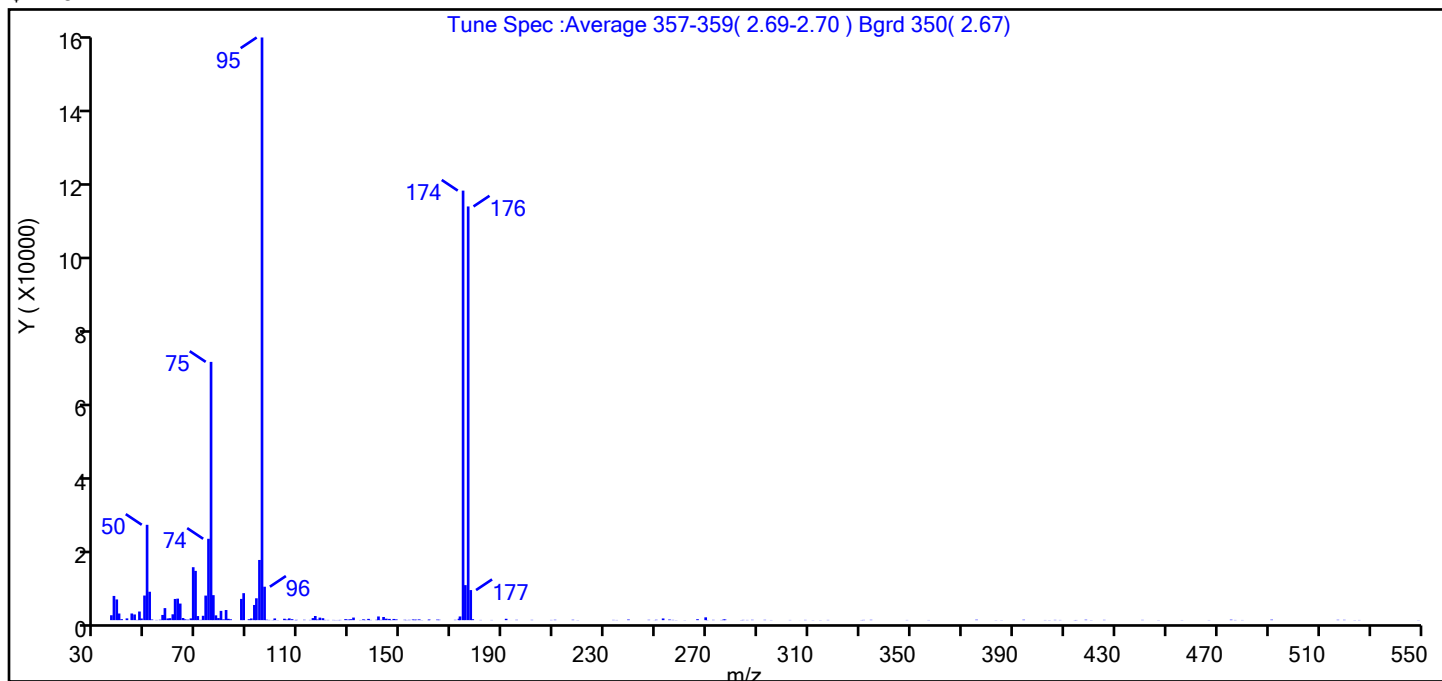
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.4
75	30 to 60% of m/z 95	44.3
96	5 to 9% of m/z 95	5.7
173	Less than 2% of m/z 174	0.9 (1.2)
174	50 to 120% of m/z 95	73.7
175	5 to 9% of m/z 174	6.0 (8.2)
176	Greater than 95% but less than 101% of m/z 174	71.0 (96.3)
177	5 to 9% of m/z 176	5.2 (7.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00408.D\8260W\_7.rslt\spectra.d  
Injection Date: 15-Apr-2021 14:44:30  
Spectrum: Tune Spec :Average 357-359( 2.69-2.70 ) Bgrd 350( 2.67)  
Base Peak: 95.20  
Minimum % Base Peak: 0  
Number of Points: 187

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1334	90.00	250	147.00	326	276.00	50
37.00	6589	91.00	458	148.00	207	276.00	183
38.00	5638	92.00	4131	151.00	96	277.00	178
39.00	1805	93.00	5951	152.00	54	283.00	40
40.00	265	94.00	16379	153.00	80	284.00	72
42.00	480	95.00	158592	154.00	181	286.00	56
44.00	1812	96.00	9099	155.00	89	288.00	93
45.00	1548	97.00	126	156.00	141	292.00	88
46.00	70	98.00	62	157.00	205	295.00	42
47.00	2350	99.00	46	158.00	38	302.00	52
48.00	449	100.00	463	161.00	62	306.00	8
49.00	6700	101.00	33	161.00	170	308.00	66
50.00	25952	104.00	381	164.00	143	311.00	33
51.00	7728	105.00	154	165.00	109	314.00	34
52.00	186	106.00	474	171.00	89	317.00	60
54.00	58	107.00	258	172.00	375	330.00	43
55.00	113	108.00	35	173.00	1006	331.00	67
56.00	1416	109.00	85	174.00	116912	334.00	92
57.00	3275	112.00	104	175.00	9532	348.00	51
58.00	457	114.00	62	176.00	112600	357.00	45
59.00	530	115.00	557	177.00	8186	376.00	122
60.00	1591	116.00	1128	178.00	256	383.00	33
61.00	5766	117.00	172	181.00	55	385.00	34
62.00	5856	118.00	685	185.00	52	394.00	116
63.00	4514	119.00	527	191.00	371	402.00	47
64.00	580	120.00	66	193.00	8	404.00	36
65.00	227	121.00	63	195.00	92	406.00	72
66.00	133	123.00	61	201.00	79	408.00	52
67.00	475	124.00	43	209.00	59	414.00	40
68.00	14408	125.00	49	210.00	103	415.00	45
69.00	13409	126.00	62	217.00	108	418.00	116
70.00	1109	128.00	274	219.00	35	421.00	39
71.00	76	129.00	171	233.00	69	426.00	78

Report Date: 16-Apr-2021 16:48:23

Chrom Revision: 2.3 08-Apr-2021 17:17:48

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00408.D\8260W\_7.rslt\spectra.d

Injection Date: 15-Apr-2021 14:44:30

Spectrum: Tune Spec :Average 357-359( 2.69-2.70 ) Bgrd 350( 2.67)

Base Peak: 95.20

Minimum % Base Peak: 0

Number of Points: 187

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	1187	130.00	264	234.00	49	441.00	71
73.00	6686	131.00	701	239.00	170	447.00	40
74.00	22144	134.00	49	247.00	95	456.00	41
75.00	70296	135.00	219	249.00	21	467.00	42
76.00	6801	136.00	71	250.00	106	476.00	126
77.00	1306	137.00	346	253.00	459	477.00	52
78.00	560	138.00	59	255.00	165	480.00	46
79.00	2524	140.00	105	256.00	73	491.00	132
80.00	214	141.00	1002	258.00	35	517.00	96
81.00	2755	142.00	75	261.00	34	520.00	86
82.00	368	143.00	859	266.00	251	524.00	39
83.00	230	144.00	402	269.00	764	526.00	48
87.00	5781	145.00	339	270.00	44	549.00	38
88.00	7343	146.00	37	272.00	81		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00408.D

Injection Date: 15-Apr-2021 14:44:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

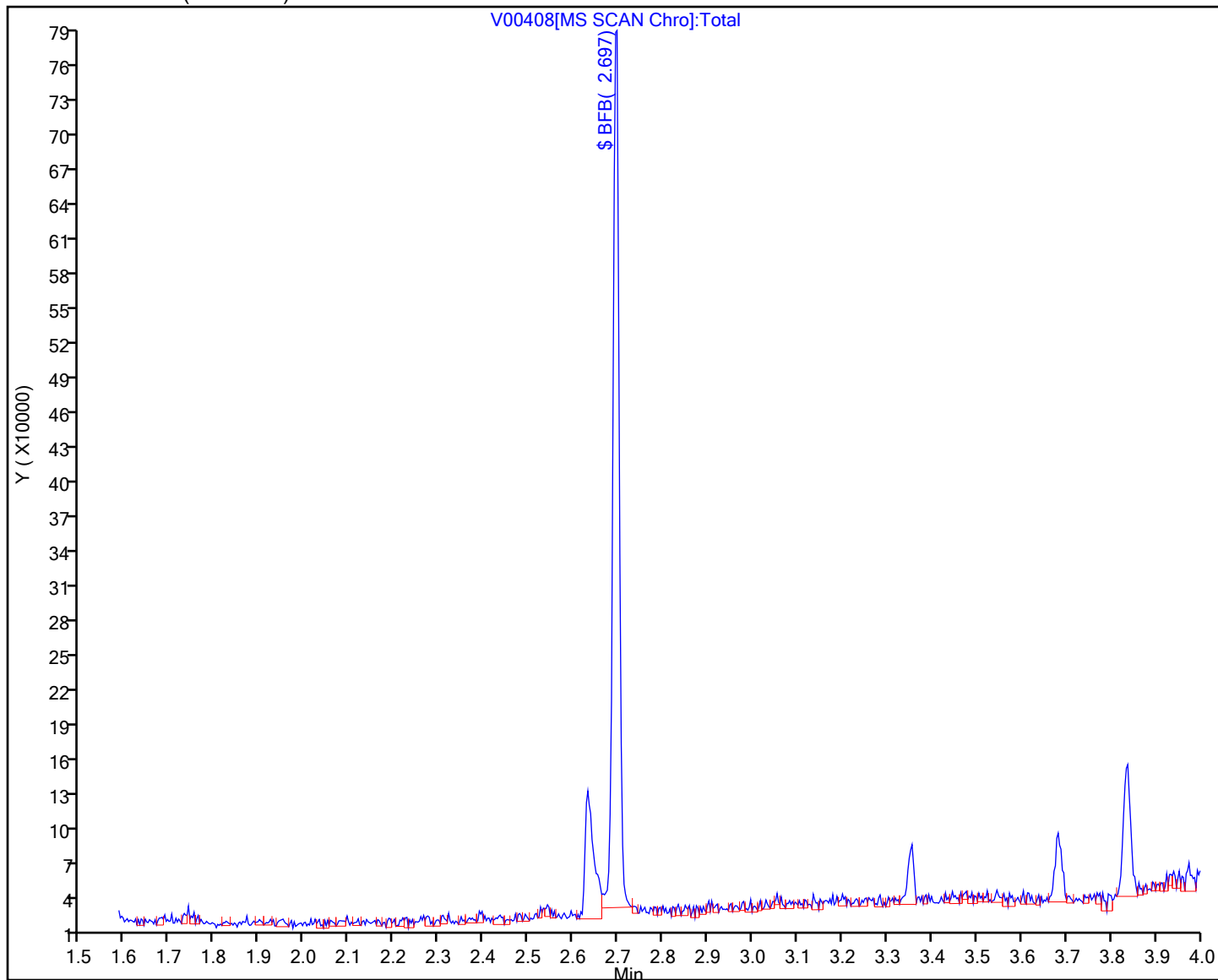
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)





Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01247.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 04-May-2021 08:35:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0128028-001  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-May-2021 10:17:10 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1666

First Level Reviewer: starzecm

Date: 04-May-2021 10:17:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 140 BFB	95	2.679	2.679	0.000	88	278246	NR	NR	
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**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

BFB\_00029

Amount Added: 1.00

Units: uL

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01247.D

Injection Date: 04-May-2021 08:35:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

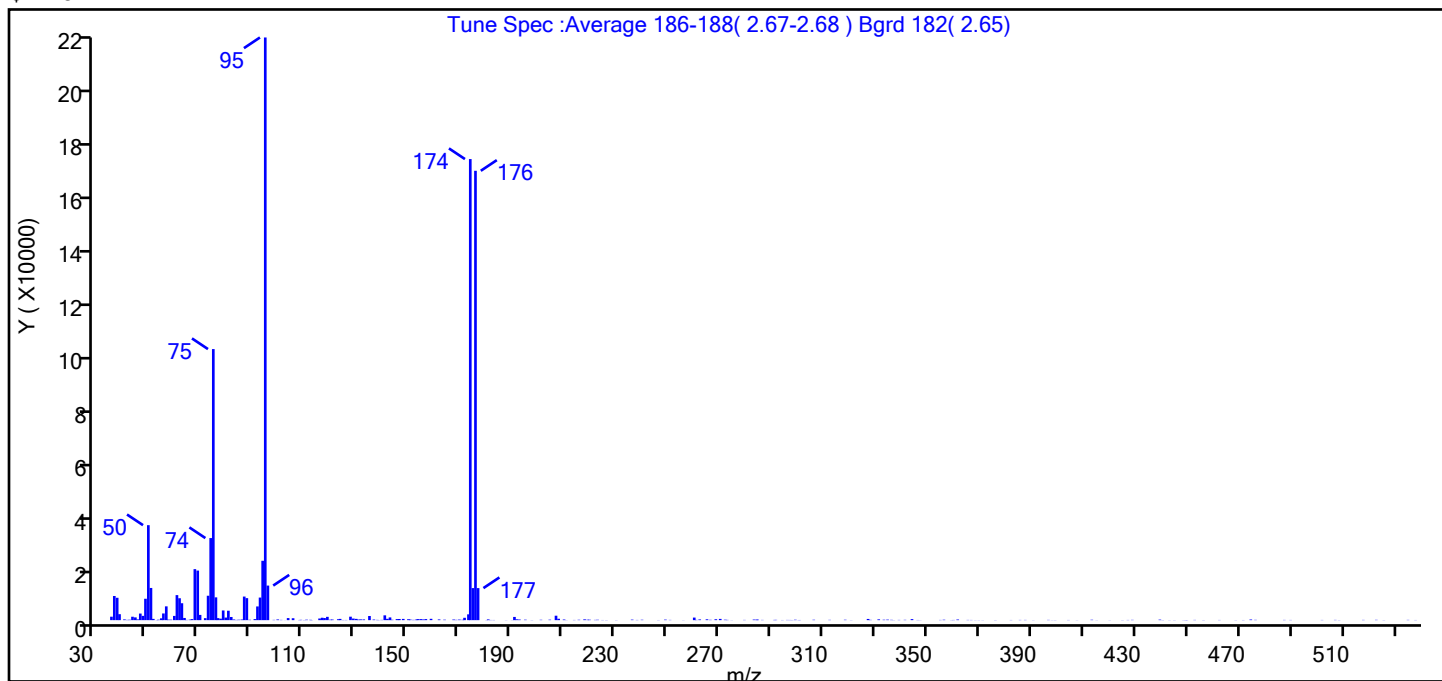
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.3
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	5.9
173	Less than 2% of m/z 174	1.0 (1.3)
174	50 to 120% of m/z 95	79.1
175	5 to 9% of m/z 174	5.5 (7.0)
176	Greater than 95% but less than 101% of m/z 174	77.1 (97.5)
177	5 to 9% of m/z 176	5.5 (7.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01247.D\8260W\_7.rslt\spectra.d  
Injection Date: 04-May-2021 08:35:30  
Spectrum: Tune Spec :Average 186-188( 2.67-2.68 ) Bgrd 182( 2.65)  
Base Peak: 95.20  
Minimum % Base Peak: 0  
Number of Points: 244

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1300	103.00	26	182.00	70	328.00	108
37.00	9099	104.00	775	183.00	67	331.00	295
38.00	8424	106.00	717	188.00	39	333.00	159
39.00	2248	108.00	63	190.00	38	335.00	202
41.00	273	109.00	119	191.00	1209	336.00	117
42.00	103	110.00	60	192.00	314	337.00	44
43.00	151	111.00	176	193.00	232	339.00	90
44.00	1287	113.00	123	195.00	172	341.00	118
45.00	1040	113.00	51	198.00	48	344.00	382
46.00	284	116.00	613	201.00	138	346.00	65
47.00	2482	117.00	907	205.00	179	347.00	39
48.00	1611	118.00	792	207.00	1672	355.00	80
49.00	8064	119.00	1245	208.00	521	356.00	161
50.00	35792	120.00	173	210.00	236	359.00	44
51.00	12130	121.00	227	211.00	37	360.00	75
52.00	477	123.00	333	214.00	76	362.00	239
54.00	52	124.00	473	216.00	145	366.00	87
54.00	166	125.00	66	218.00	295	367.00	73
55.00	680	126.00	71	219.00	170	368.00	38
56.00	2521	127.00	1	220.00	158	370.00	41
57.00	5197	128.00	1301	222.00	98	371.00	36
58.00	194	129.00	598	223.00	147	376.00	55
59.00	191	130.00	481	225.00	61	382.00	66
60.00	1592	131.00	209	226.00	54	386.00	83
61.00	9434	132.00	284	230.00	48	388.00	86
62.00	8255	133.00	268	236.00	198	391.00	37
63.00	6373	135.00	1561	238.00	78	397.00	97
64.00	824	137.00	226	240.00	149	398.00	36
65.00	97	138.00	100	246.00	57	399.00	46
66.00	181	139.00	40	249.00	199	404.00	69
67.00	396	140.00	98	251.00	91	408.00	36
68.00	19224	141.00	1810	256.00	35	413.00	151
69.00	18680	142.00	501	260.00	965	415.00	35

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01247.D\8260W\_7.rslt\spectra.d

Injection Date: 04-May-2021 08:35:30

Spectrum: Tune Spec :Average 186-188( 2.67-2.68 ) Bgrd 182( 2.65)

Base Peak: 95.20

Minimum % Base Peak: 0

Number of Points: 244

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.00	1973	143.00	1028	261.00	94	420.00	39
72.00	746	144.00	139	262.00	268	425.00	49
73.00	9199	146.00	390	265.00	316	427.00	75
74.00	30928	147.00	434	266.00	121	429.00	109
75.00	102152	148.00	468	269.00	338	440.00	198
76.00	8589	150.00	340	270.00	468	441.00	50
77.00	764	151.00	225	272.00	169	443.00	38
78.00	558	152.00	107	273.00	97	445.00	45
79.00	3650	153.00	200	275.00	35	449.00	39
80.00	966	154.00	387	280.00	89	450.00	50
81.00	3549	155.00	388	283.00	223	450.00	43
82.00	1192	156.00	272	284.00	182	453.00	89
83.00	255	157.00	395	285.00	181	456.00	56
84.00	92	159.00	500	286.00	89	462.00	72
85.00	163	162.00	268	291.00	84	469.00	46
86.00	242	164.00	172	292.00	107	472.00	58
87.00	8888	168.00	228	294.00	60	474.00	240
88.00	8290	169.00	120	296.00	82	476.00	111
89.00	137	170.00	213	297.00	74	487.00	90
91.00	391	171.00	148	298.00	59	490.00	75
92.00	5165	172.00	888	299.00	157	502.00	75
93.00	8510	173.00	2187	300.00	34	507.00	94
94.00	22368	174.00	173760	301.00	65	508.00	49
95.00	219584	175.00	12078	306.00	149	518.00	93
96.00	13027	176.00	169344	312.00	108	523.00	118
98.00	103	177.00	12075	318.00	152	526.00	47
100.00	265	180.00	49	321.00	45	535.00	99
101.00	95	181.00	284	327.00	449	538.00	63

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01247.D

Injection Date: 04-May-2021 08:35:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99

Worklist Smp#: 1

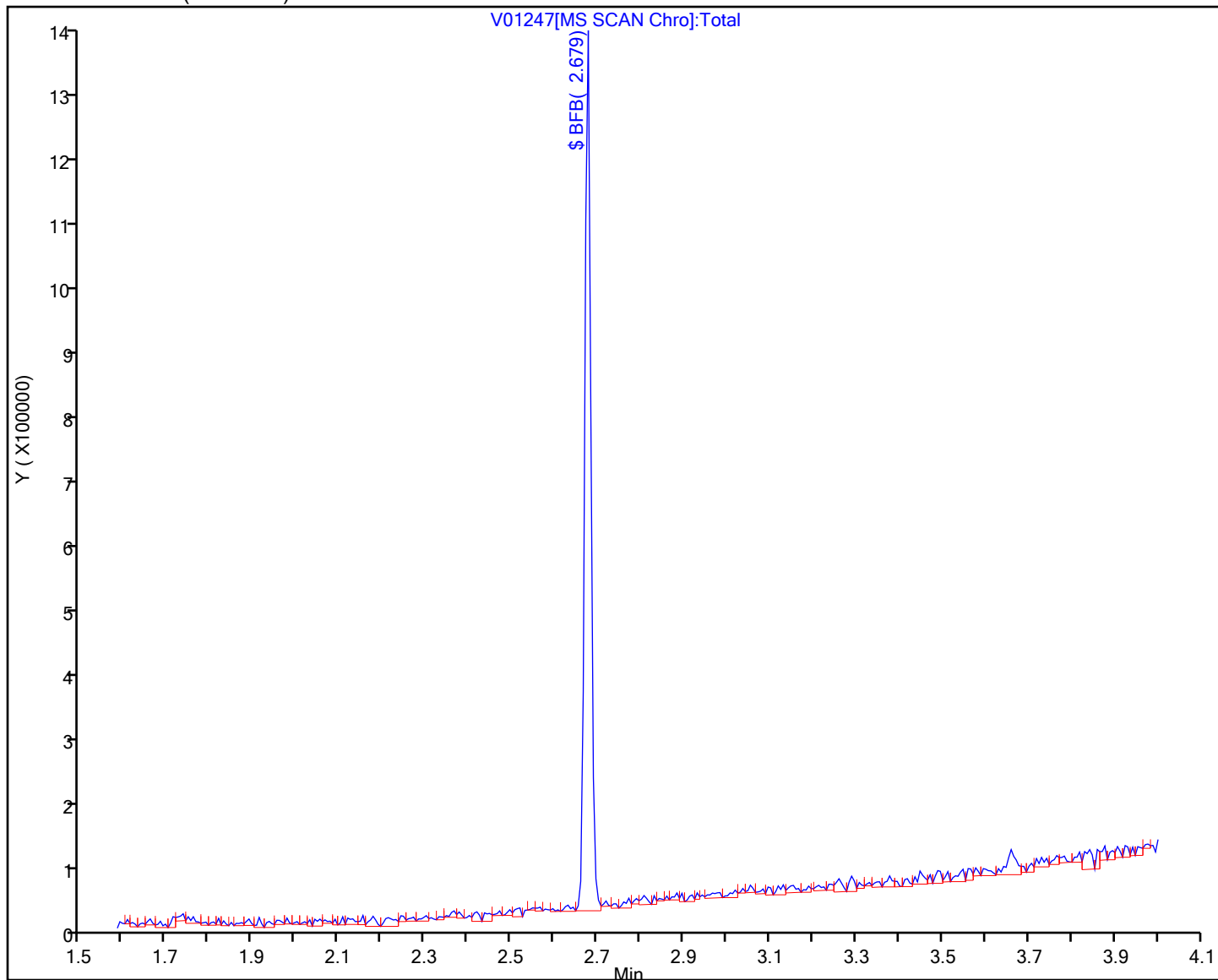
Injection Vol: 5.0 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-775633/8  
 Matrix: Water Lab File ID: V01254.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 11:14  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01254.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 04-May-2021 11:14:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0128028-008  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 10:15:59 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1680

First Level Reviewer: starzecm

Date: 04-May-2021 12:07:16

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)	66	2.826	2.826	0.000	99	49308	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	100	318960	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	95	189207	50.0	49.2	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	96	199593	50.0	50.1	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	645625	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.684	5.690	-0.006	86	26762	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	99	878928	50.0	46.9	
* 94 Chlorobenzene-d5	117	8.602	8.596	0.006	85	478910	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	210112	50.0	46.8	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	96	221919	50.0	50.0	

## Reagents:

8260ISNEW\_00119 Amount Added: 1.00 Units: uL Run Reagent  
 8260SURR250\_00217 Amount Added: 1.00 Units: uL Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01254.D

Injection Date: 04-May-2021 11:14:30

Instrument ID: CVOAMS7

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

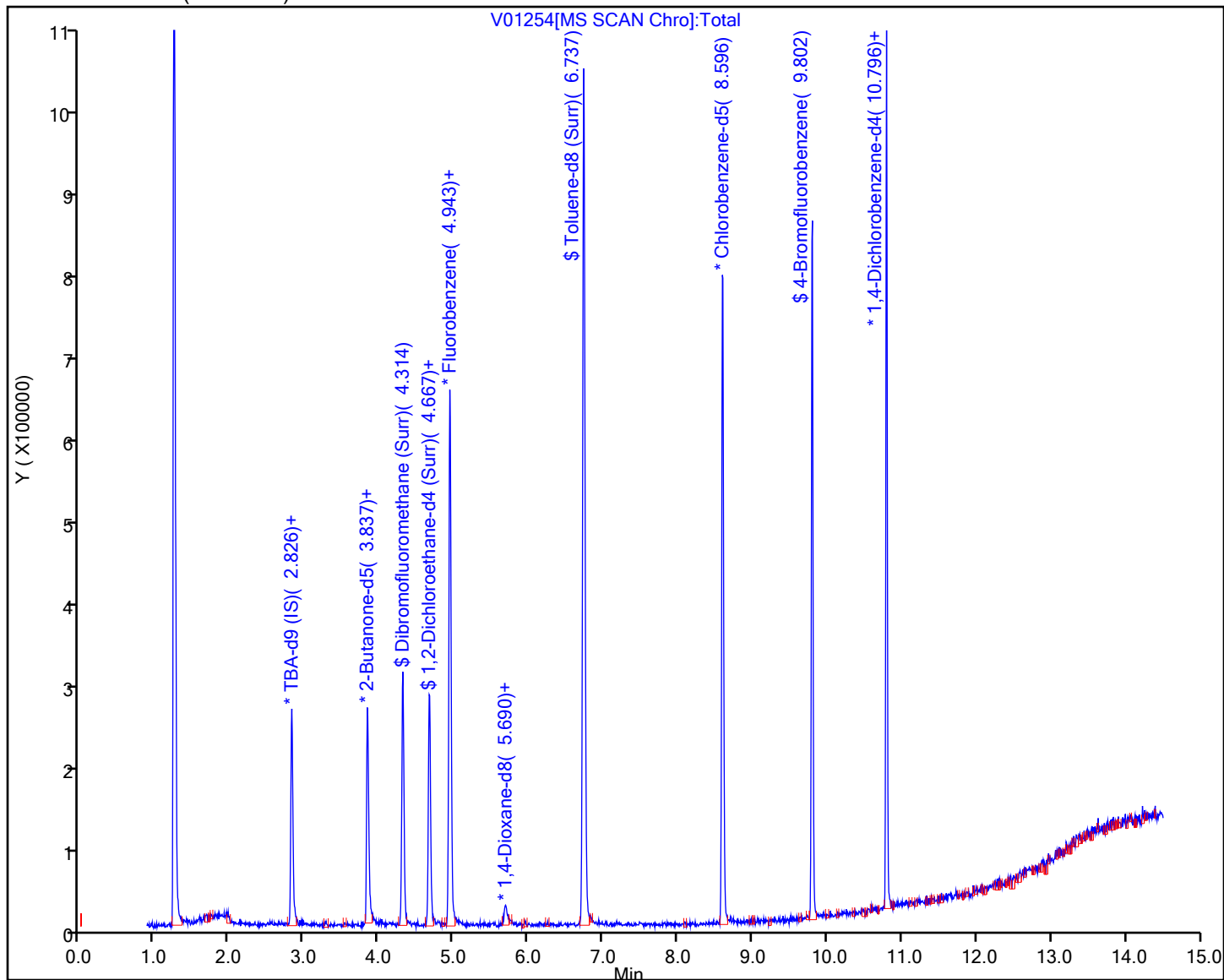
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)





FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-775633/4  
 Matrix: Water Lab File ID: V01250.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 09:44  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	21.5		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	21.0		1.0	0.33
99-87-6	4-Isopropyltoluene	20.7		1.0	0.37
71-43-2	Benzene	19.9		1.0	0.20
100-41-4	Ethylbenzene	19.2		1.0	0.30
98-82-8	Isopropylbenzene	21.0		1.0	0.34
1634-04-4	Methyl tert-butyl ether	21.0		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
91-20-3	Naphthalene	19.5		1.0	0.88
104-51-8	n-Butylbenzene	20.0		1.0	0.32
103-65-1	N-Propylbenzene	21.6		1.0	0.32
95-47-6	o-Xylene	19.1		1.0	0.36
135-98-8	sec-Butylbenzene	22.5		1.0	0.37
98-06-6	tert-Butylbenzene	21.0		1.0	0.34
108-88-3	Toluene	19.5		1.0	0.38
1330-20-7	Xylenes, Total	38.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01250.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 04-May-2021 09:44:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0128028-004  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 10:12:32 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1680

First Level Reviewer: asfawa

Date: 05-May-2021 10:13:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.285	1.279	0.006	92	13293	20.0	20.4	
3 Chlorotrifluoroethene	116	1.379	1.373	0.006	89	53333	20.0	24.4	
4 1,1-Difluoroethane	51	1.391	1.390	0.001	95	94428	20.0	21.3	
5 Dichlorodifluoromethane	85	1.402	1.402	0.000	99	173761	20.0	22.2	
2 Chlorodifluoromethane	51	1.426	1.426	0.000	100	158275	20.0	20.2	
6 Chloromethane	50	1.555	1.561	-0.006	100	178711	20.0	20.3	
7 Vinyl chloride	62	1.626	1.620	0.006	98	186144	20.0	21.0	
8 Butadiene	54	1.644	1.643	0.001	97	162333	20.0	18.5	
9 Bromomethane	94	1.873	1.873	0.000	98	93540	20.0	19.9	
10 Chloroethane	64	1.943	1.938	0.005	99	107042	20.0	20.0	
11 Dichlorofluoromethane	67	2.079	2.079	0.000	99	230675	20.0	21.5	
12 Trichlorofluoromethane	101	2.091	2.090	0.001	98	208101	20.0	22.6	
13 Pentane	72	2.126	2.126	0.000	96	58412	40.0	47.4	
17 Ethanol	46	2.249	2.249	0.000	96	30820	800.0	875.6	a
14 Ethyl ether	74	2.291	2.285	0.006	95	85830	20.0	20.2	
15 2-Methyl-1,3-butadiene	53	2.308	2.308	0.000	96	134528	20.0	20.6	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.320	2.314	0.006	94	122311	20.0	20.5	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.361	2.361	0.000	98	198655	20.0	21.5	a
18 1,1,2,2-Tetrafluoroethane	101	2.432	2.426	0.006	98	120043	20.0	20.2	
52 Acrolein	56	2.443	2.443	0.000	61	27410	40.0	34.1	
20 1,1-Dichloroethene	96	2.473	2.473	0.000	98	123815	20.0	20.9	
23 Acetone	43	2.538	2.537	0.001	87	214611	100.0	98.7	
24 Isopropyl alcohol	45	2.608	2.608	0.000	93	91469	200.0	193.4	
21 Iodomethane	142	2.614	2.608	0.006	96	94993	20.0	15.2	
22 Carbon disulfide	76	2.649	2.649	0.000	99	405736	20.0	20.8	
30 Methyl acetate	43	2.749	2.743	0.006	98	250479	40.0	40.3	
26 3-Chloro-1-propene	76	2.743	2.749	-0.006	89	82796	20.0	19.3	
25 Cyclopentene	67	2.773	2.767	0.006	97	362301	20.0	20.6	
27 Acetonitrile	40	2.802	2.802	0.000	96	140250	200.0	213.7	a
* 28 TBA-d9 (IS)	66	2.826	2.826	0.000	100	55073	1000.0	1000.0	
29 Methylene Chloride	84	2.861	2.855	0.006	90	137862	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.890	2.890	0.000	99	157664	200.0	197.3	
32 Methyl tert-butyl ether	73	2.990	2.990	0.000	97	408611	20.0	21.0	
33 trans-1,2-Dichloroethene	96	3.032	3.026	0.006	95	137383	20.0	20.5	
35 Acrylonitrile	53	3.090	3.084	0.006	95	653682	200.0	211.5	
36 Hexane	57	3.161	3.161	0.000	92	201627	20.0	20.0	
37 Isopropyl ether	45	3.343	3.337	0.006	97	453293	20.0	20.3	
40 Vinyl acetate	86	3.390	3.390	0.000	100	70318	40.0	43.7	
38 1,1-Dichloroethane	63	3.390	3.390	0.000	61	259235	20.0	20.9	
39 2-Chloro-1,3-butadiene	88	3.432	3.432	0.000	89	130649	20.0	20.2	
41 Tert-butyl ethyl ether	59	3.638	3.637	0.001	89	417549	20.0	20.7	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	95	398594	250.0	250.0	
43 2,2-Dichloropropane	97	3.855	3.855	0.000	96	51548	20.0	22.5	
45 cis-1,2-Dichloroethene	96	3.885	3.884	0.001	49	151377	20.0	20.3	
47 Ethyl acetate	70	3.885	3.884	0.001	93	35939	40.0	38.5	
44 2-Butanone (MEK)	72	3.890	3.890	0.000	96	102266	100.0	106.3	
46 Methyl acrylate	55	3.949	3.949	0.000	100	138132	20.0	20.0	
48 Propionitrile	54	4.020	4.020	0.000	99	257646	200.0	196.4	
49 Chlorobromomethane	128	4.108	4.108	0.000	93	68133	20.0	20.6	
50 Tetrahydrofuran	72	4.108	4.108	0.000	85	47391	40.0	41.4	
54 Methacrylonitrile	67	4.126	4.120	0.006	93	762468	200.0	222.1	
51 Chloroform	83	4.155	4.155	0.000	99	228342	20.0	20.6	
53 Cyclohexane	84	4.290	4.290	0.000	92	230179	20.0	20.2	
55 1,1,1-Trichloroethane	97	4.296	4.296	0.000	98	200181	20.0	20.8	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	97	207807	50.0	49.0	
57 Carbon tetrachloride	117	4.426	4.426	0.000	99	163921	20.0	20.8	
58 1,1-Dichloropropene	75	4.455	4.449	0.006	98	196486	20.0	20.3	
61 Isobutyl alcohol	43	4.561	4.567	-0.006	98	120382	500.0	410.6	
64 Isooctane	57	4.608	4.614	-0.006	98	433553	20.0	20.9	
59 Benzene	78	4.655	4.649	0.006	96	601764	20.0	19.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	97	211311	50.0	48.2	
66 Isopropyl acetate	61	4.684	4.684	0.000	97	69266	20.0	20.2	
62 Tert-amyl methyl ether	73	4.702	4.702	0.000	95	417128	20.0	20.9	
63 1,2-Dichloroethane	62	4.743	4.749	-0.006	96	161757	20.0	21.3	
65 n-Heptane	100	4.790	4.796	-0.006	93	39221	20.0	20.7	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	711174	50.0	50.0	
70 n-Butanol	56	5.261	5.267	-0.006	86	66504	500.0	421.2	M
69 Trichloroethene	95	5.320	5.314	0.006	99	144687	20.0	21.3	
71 Ethyl acrylate	99	5.432	5.437	-0.005	97	23948	20.0	22.1	
72 Methylcyclohexane	83	5.443	5.443	0.000	85	243760	20.0	20.8	
73 1,2-Dichloropropane	63	5.620	5.625	-0.005	92	142093	20.0	20.6	
* 68 1,4-Dioxane-d8	96	5.684	5.690	-0.006	45	39061	1000.0	1000.0	
74 Methyl methacrylate	100	5.696	5.690	0.006	91	90021	40.0	43.5	
78 1,4-Dioxane	88	5.755	5.749	0.006	87	38402	400.0	346.9	a
77 n-Propyl acetate	43	5.749	5.755	-0.006	99	223402	20.0	20.7	
75 Dibromomethane	93	5.773	5.773	0.000	97	83223	20.0	22.0	
76 Dichlorobromomethane	83	5.926	5.925	0.001	100	163621	20.0	20.6	
79 2-Chloroethyl vinyl ether	63	6.290	6.290	0.000	71	91823	20.0	19.9	
34 2-Nitropropane	41	6.284	6.290	-0.006	83	87311	40.0	44.1	
80 Epichlorohydrin	57	6.408	6.408	0.000	99	350413	400.0	457.6	
81 cis-1,3-Dichloropropene	75	6.473	6.478	-0.005	91	233858	20.0	19.6	
84 4-Methyl-2-pentanone (MIBK)	43	6.643	6.643	0.000	96	726383	100.0	103.7	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	100	927221	50.0	44.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.826	6.825	0.001	93	618607	20.0	19.5	
85 trans-1,3-Dichloropropene	75	7.231	7.231	0.000	95	211675	20.0	19.9	
86 Ethyl methacrylate	69	7.261	7.255	0.006	89	186137	20.0	19.0	
87 1,1,2-Trichloroethane	83	7.473	7.472	0.001	96	108092	20.0	20.0	
88 Tetrachloroethene	166	7.520	7.519	0.001	96	132456	20.0	18.1	
89 1,3-Dichloropropane	76	7.708	7.708	0.000	93	221702	20.0	20.1	
91 2-Hexanone	43	7.773	7.767	0.006	96	499663	100.0	107.2	
92 n-Butyl acetate	43	7.896	7.890	0.006	98	224255	20.0	19.3	
90 Chlorodibromomethane	129	7.949	7.949	0.000	98	120028	20.0	18.7	
93 Ethylene Dibromide	107	8.096	8.102	-0.006	99	129931	20.0	20.4	
* 94 Chlorobenzene-d5	117	8.596	8.596	0.000	85	529541	50.0	50.0	
95 Chlorobenzene	112	8.631	8.631	0.000	96	367150	20.0	19.5	
97 Ethylbenzene	106	8.720	8.714	0.006	98	202962	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	8.731	8.731	0.000	94	126031	20.0	19.4	
98 m-Xylene & p-Xylene	106	8.843	8.849	-0.006	96	251336	20.0	19.8	
99 n-Butyl acrylate	73	9.249	9.243	0.006	98	113446	20.0	20.2	
100 o-Xylene	106	9.261	9.261	0.000	93	237275	20.0	19.1	
101 Styrene	104	9.290	9.290	0.000	97	412974	20.0	19.9	
102 Amyl acetate (mixed isomers)	43	9.467	9.466	0.001	92	245886	20.0	20.8	
103 Bromoform	173	9.496	9.496	0.000	96	80718	20.0	18.2	
104 Isopropylbenzene	105	9.602	9.602	0.000	95	633869	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.796	9.802	-0.006	0	225967	50.0	45.5	
107 Bromobenzene	156	9.925	9.925	0.000	99	142266	20.0	20.5	
108 1,1,2,2-Tetrachloroethane	83	9.972	9.972	0.000	99	182478	20.0	21.5	
109 N-Propylbenzene	91	9.984	9.984	0.000	99	757617	20.0	21.6	
115 1,2,3-Trichloropropane	110	10.014	10.013	0.001	96	51680	20.0	20.6	
112 trans-1,4-Dichloro-2-butene	53	10.025	10.031	-0.006	91	48879	20.0	19.8	
114 2-Chlorotoluene	91	10.090	10.090	0.000	89	503729	20.0	20.6	
113 4-Ethyltoluene	105	10.090	10.090	0.000	93	639328	20.0	21.8	
116 1,3,5-Trimethylbenzene	105	10.149	10.149	0.000	93	503284	20.0	21.0	
110 4-Chlorotoluene	91	10.190	10.190	0.000	97	435392	20.0	20.5	
117 Butyl Methacrylate	87	10.237	10.237	0.000	90	167448	20.0	20.1	
118 tert-Butylbenzene	119	10.414	10.419	-0.005	95	431512	20.0	21.0	
119 1,2,4-Trimethylbenzene	105	10.472	10.472	0.000	97	512383	20.0	21.5	
120 sec-Butylbenzene	105	10.602	10.602	0.000	100	663142	20.0	22.5	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	536055	20.0	20.7	
122 1,3-Dichlorobenzene	146	10.737	10.737	0.000	95	269188	20.0	20.1	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	95	239313	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.814	10.819	-0.005	94	269702	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.825	10.825	0.000	99	516396	20.0	21.4	
125 Benzyl chloride	91	10.937	10.937	0.000	98	358697	20.0	23.2	
111 2,3-Dihydroindene	117	10.990	10.990	0.000	95	502017	20.0	21.3	
126 p-Diethylbenzene	119	11.031	11.031	0.000	92	269967	20.0	20.9	
127 n-Butylbenzene	92	11.055	11.055	0.000	96	260334	20.0	20.0	
128 1,2-Dichlorobenzene	146	11.119	11.119	0.000	96	246949	20.0	20.0	
130 1,2,4,5-Tetramethylbenzene	119	11.637	11.643	-0.006	96	418634	20.0	20.3	
129 1,2-Dibromo-3-Chloropropane	157	11.737	11.737	0.000	96	36448	20.0	19.6	
132 1,3,5-Trichlorobenzene	180	11.843	11.843	0.000	97	166722	20.0	19.1	
131 1,2,4-Trichlorobenzene	180	12.308	12.307	0.001	93	147917	20.0	18.7	
133 Hexachlorobutadiene	225	12.378	12.384	-0.006	94	59937	20.0	20.0	
134 Naphthalene	128	12.490	12.490	0.000	99	441156	20.0	19.5	
135 1,2,3-Trichlorobenzene	180	12.660	12.666	-0.006	95	139527	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 137 Xylenes, Total	100				0		40.0	38.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.5	
S 139 Total BTEX	1				0		100.0	97.5	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

8260MIX1COMB_00136	Amount Added: 20.00	Units: uL	
ACROLEIN W_00123	Amount Added: 4.00	Units: uL	
524freon_00036	Amount Added: 20.00	Units: uL	
GASES Li_00418	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01250.D

Injection Date: 04-May-2021 09:44:30

Instrument ID: CVOAMS7

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

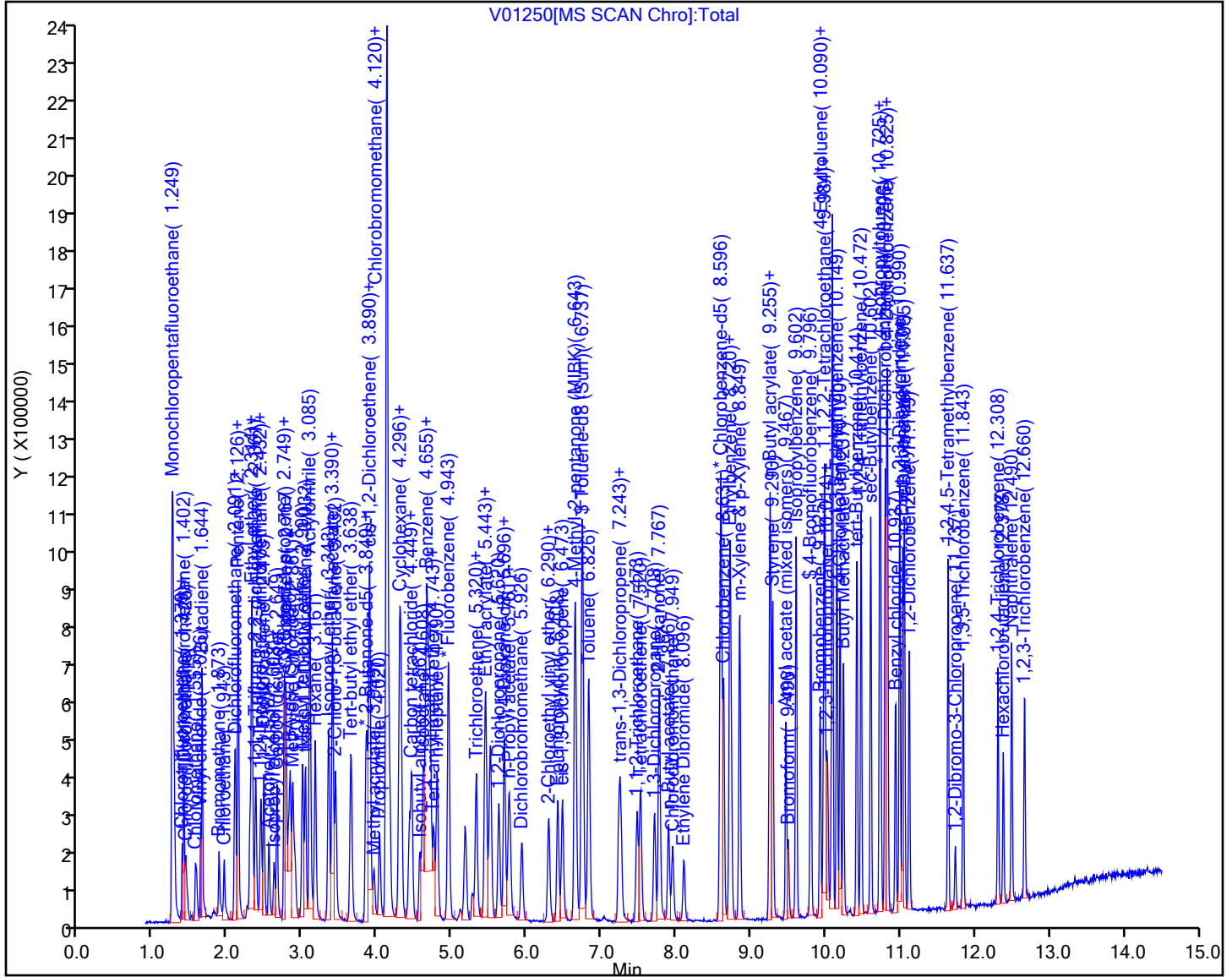
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20210430 MS Lab Sample ID: 460-233338-1 MS  
 Matrix: Water Lab File ID: V01268.D  
 Analysis Method: 8260D Date Collected: 04/30/2021 09:40  
 Sample wt/vol: 5 (mL) Date Analyzed: 05/04/2021 16:33  
 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.: 775633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	24.0		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	21.8		1.0	0.33
99-87-6	4-Isopropyltoluene	27.1		1.0	0.37
71-43-2	Benzene	21.6		1.0	0.20
100-41-4	Ethylbenzene	45.0		1.0	0.30
98-82-8	Isopropylbenzene	25.7		1.0	0.34
1634-04-4	Methyl tert-butyl ether	23.7		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	93.1		1.0	0.30
91-20-3	Naphthalene	28.2		1.0	0.88
104-51-8	n-Butylbenzene	21.6		1.0	0.32
103-65-1	N-Propylbenzene	25.6		1.0	0.32
95-47-6	o-Xylene	50.2		1.0	0.36
135-98-8	sec-Butylbenzene	23.3		1.0	0.37
98-06-6	tert-Butylbenzene	21.6		1.0	0.34
108-88-3	Toluene	23.1		1.0	0.38
1330-20-7	Xylenes, Total	143		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-123
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01268.D  
 Lims ID: 460-233338-A-1 MS  
 Client ID: MW-01\_20210430  
 Sample Type: MS  
 Inject. Date: 04-May-2021 16:33:30 ALS Bottle#: 21 Worklist Smp#: 22  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-233338-A-1 MS  
 Misc. Info.: 460-0128028-022  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 05-May-2021 10:36:06 Calib Date: 15-Apr-2021 18:29:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\V00417.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1680

First Level Reviewer: parekhv

Date: 04-May-2021 17:30:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.285	1.279	0.006	68	13095	20.0	22.3	
3 Chlorotrifluoroethene	116	1.373	1.373	0.000	91	47294	20.0	24.0	
4 1,1-Difluoroethane	51	1.391	1.390	0.001	92	478754	20.0	119.9	M
5 Dichlorodifluoromethane	85	1.402	1.402	0.000	99	181444	20.0	25.8	
2 Chlorodifluoromethane	51	1.391	1.426	-0.035	94	482307	20.0	68.6	a
6 Chloromethane	50	1.567	1.561	0.006	100	151868	20.0	19.2	
7 Vinyl chloride	62	1.626	1.620	0.006	98	170650	20.0	21.5	
8 Butadiene	54	1.643	1.643	0.000	95	160424	20.0	20.3	
9 Bromomethane	94	1.873	1.873	0.000	96	63137	20.0	16.2	
10 Chloroethane	64	1.938	1.938	0.000	98	97924	20.0	22.1	
11 Dichlorofluoromethane	67	2.079	2.079	0.000	99	207553	20.0	21.6	
12 Trichlorofluoromethane	101	2.090	2.090	0.000	99	191198	20.0	23.1	
13 Pentane	72	2.126	2.126	0.000	95	48158	40.0	43.5	
17 Ethanol	46	2.249	2.249	0.000	64	26828	800.0	803.7	a
14 Ethyl ether	74	2.285	2.285	0.000	95	75700	20.0	19.8	
15 2-Methyl-1,3-butadiene	53	2.308	2.308	0.000	97	122061	20.0	20.8	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.314	2.314	0.000	88	117966	20.0	22.0	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.361	2.361	0.000	98	184903	20.0	22.3	a
18 1,1,2,2-Tetrafluoroethane	101	2.426	2.426	0.000	96	115706	20.0	21.7	
52 Acrolein	56	2.443	2.443	0.000	67	31325	40.0	41.0	
20 1,1-Dichloroethene	96	2.473	2.473	0.000	98	116599	20.0	21.9	
23 Acetone	43	2.538	2.537	0.001	87	238826	100.0	132.8	
24 Isopropyl alcohol	45	2.608	2.608	0.000	97	98100	200.0	218.6	a
21 Iodomethane	142	2.608	2.608	0.000	83	58385	20.0	10.4	
22 Carbon disulfide	76	2.649	2.649	0.000	98	368782	20.0	21.0	
30 Methyl acetate	43	2.743	2.743	0.000	97	314600	40.0	56.3	
26 3-Chloro-1-propene	76	2.743	2.749	-0.006	88	78501	20.0	20.4	
25 Cyclopentene	67	2.767	2.767	0.000	93	325270	20.0	20.6	
27 Acetonitrile	40	2.802	2.802	0.000	92	126906	200.0	234.3	a
* 28 TBA-d9 (IS)	66	2.826	2.826	0.000	100	52264	1000.0	1000.0	
29 Methylene Chloride	84	2.861	2.855	0.006	90	126930	20.0	21.1	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.885	2.890	-0.005	98	164447	200.0	216.9	
32 Methyl tert-butyl ether	73	2.990	2.990	0.000	98	414072	20.0	23.7	
33 trans-1,2-Dichloroethene	96	3.032	3.026	0.006	94	126743	20.0	21.0	
35 Acrylonitrile	53	3.085	3.084	0.001	95	580556	200.0	209.0	
36 Hexane	57	3.161	3.161	0.000	95	202955	20.0	22.4	
37 Isopropyl ether	45	3.343	3.337	0.006	97	400693	20.0	20.0	
40 Vinyl acetate	86	3.390	3.390	0.000	100	64116	40.0	48.1	
38 1,1-Dichloroethane	63	3.390	3.390	0.000	59	231859	20.0	20.8	
39 2-Chloro-1,3-butadiene	88	3.432	3.432	0.000	90	117240	20.0	20.1	
41 Tert-butyl ethyl ether	59	3.637	3.637	0.000	90	375660	20.0	20.8	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	93	329795	250.0	250.0	
43 2,2-Dichloropropane	97	3.861	3.855	0.006	95	46640	20.0	22.6	
45 cis-1,2-Dichloroethene	96	3.890	3.884	0.006	47	139951	20.0	20.9	
47 Ethyl acetate	70	3.890	3.884	0.006	93	32163	40.0	41.6	
44 2-Butanone (MEK)	72	3.890	3.890	0.000	96	102032	100.0	128.2	
46 Methyl acrylate	55	3.943	3.949	-0.006	100	122053	20.0	19.7	
48 Propionitrile	54	4.020	4.020	0.000	99	239907	200.0	192.7	
49 Chlorobromomethane	128	4.108	4.108	0.000	95	60186	20.0	20.3	
50 Tetrahydrofuran	72	4.108	4.108	0.000	90	42714	40.0	45.1	
54 Methacrylonitrile	67	4.120	4.120	0.000	93	687462	200.0	222.8	
51 Chloroform	83	4.155	4.155	0.000	99	215184	20.0	21.6	
53 Cyclohexane	84	4.290	4.290	0.000	91	380718	20.0	37.2	
55 1,1,1-Trichloroethane	97	4.302	4.296	0.006	98	193667	20.0	22.4	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	94	184189	50.0	48.4	
57 Carbon tetrachloride	117	4.426	4.426	0.000	97	158996	20.0	22.5	
58 1,1-Dichloropropene	75	4.455	4.449	0.006	97	188235	20.0	21.6	
61 Isobutyl alcohol	43	4.561	4.567	-0.006	94	123372	500.0	443.4	
64 Isooctane	57	4.608	4.614	-0.006	95	444958	20.0	23.8	
59 Benzene	78	4.649	4.649	0.000	96	587785	20.0	21.6	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	95	175432	50.0	44.5	
66 Isopropyl acetate	61	4.684	4.684	0.000	98	61941	20.0	20.1	
62 Tert-amyl methyl ether	73	4.702	4.702	0.000	92	382484	20.0	21.4	
63 1,2-Dichloroethane	62	4.749	4.749	0.000	97	146140	20.0	21.4	
65 n-Heptane	100	4.796	4.796	0.000	92	38557	20.0	22.6	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	639101	50.0	50.0	
70 n-Butanol	56	5.267	5.267	0.000	87	59211	500.0	395.1	
69 Trichloroethene	95	5.320	5.314	0.006	99	132599	20.0	21.7	
71 Ethyl acrylate	99	5.443	5.437	0.006	92	32108	20.0	32.9	
72 Methylcyclohexane	83	5.443	5.443	0.000	91	496877	20.0	47.2	
73 1,2-Dichloropropane	63	5.620	5.625	-0.005	92	127895	20.0	20.6	
* 68 1,4-Dioxane-d8	96	5.684	5.690	-0.006	80	33776	1000.0	1000.0	
74 Methyl methacrylate	100	5.690	5.690	0.000	92	82756	40.0	44.5	
78 1,4-Dioxane	88	5.749	5.749	0.000	40	36966	400.0	386.2	
77 n-Propyl acetate	43	5.749	5.755	-0.006	98	200802	20.0	20.7	
75 Dibromomethane	93	5.767	5.773	-0.006	97	68010	20.0	20.0	
76 Dichlorobromomethane	83	5.926	5.925	0.001	99	157521	20.0	22.1	
34 2-Nitropropane	41	6.284	6.290	-0.006	97	90874	40.0	51.1	
80 Epichlorohydrin	57	6.408	6.408	0.000	100	299897	400.0	473.3	
81 cis-1,3-Dichloropropene	75	6.467	6.478	-0.011	92	200897	20.0	18.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.643	6.643	0.000	96	695720	100.0	120.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	98	841503	50.0	45.2	
83 Toluene	91	6.825	6.825	0.000	93	657049	20.0	23.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.225	7.231	-0.006	95	186264	20.0	19.5	
86 Ethyl methacrylate	69	7.249	7.255	-0.006	88	175830	20.0	20.0	
87 1,1,2-Trichloroethane	83	7.472	7.472	0.000	95	97163	20.0	20.0	
88 Tetrachloroethene	166	7.514	7.519	-0.005	97	136180	20.0	20.8	
89 1,3-Dichloropropane	76	7.708	7.708	0.000	91	199837	20.0	20.1	
91 2-Hexanone	43	7.767	7.767	0.000	95	479404	100.0	124.3	
92 n-Butyl acetate	43	7.896	7.890	0.006	99	210681	20.0	20.2	
90 Chlorodibromomethane	129	7.943	7.949	-0.006	98	108374	20.0	18.8	
93 Ethylene Dibromide	107	8.096	8.102	-0.006	99	117785	20.0	20.6	
* 94 Chlorobenzene-d5	117	8.596	8.596	0.000	86	475588	50.0	50.0	
95 Chlorobenzene	112	8.631	8.631	0.000	95	343641	20.0	20.3	
97 Ethylbenzene	106	8.714	8.714	0.000	98	426879	20.0	45.0	
96 1,1,1,2-Tetrachloroethane	131	8.731	8.731	0.000	97	114318	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.843	8.849	-0.006	96	1061820	20.0	93.1	
99 n-Butyl acrylate	73	9.243	9.243	0.000	98	108036	20.0	21.4	
100 o-Xylene	106	9.261	9.261	0.000	94	559613	20.0	50.2	
101 Styrene	104	9.290	9.290	0.000	96	396158	20.0	21.3	
102 Amyl acetate (mixed isomers)	43	9.466	9.466	0.000	92	229065	20.0	20.9	
103 Bromoform	173	9.496	9.496	0.000	95	75413	20.0	19.0	
104 Isopropylbenzene	105	9.602	9.602	0.000	95	697377	20.0	25.7	
\$ 105 4-Bromofluorobenzene	174	9.796	9.802	-0.006	0	202757	50.0	45.5	
107 Bromobenzene	156	9.925	9.925	0.000	98	131847	20.0	20.6	
108 1,1,2,2-Tetrachloroethane	83	9.966	9.972	-0.006	99	157679	20.0	20.1	
109 N-Propylbenzene	91	9.984	9.984	0.000	99	829733	20.0	25.6	
115 1,2,3-Trichloropropane	110	10.008	10.013	-0.005	97	50251	20.0	21.7	
112 trans-1,4-Dichloro-2-butene	53	10.025	10.031	-0.006	85	42804	20.0	18.8	
114 2-Chlorotoluene	91	10.084	10.090	-0.006	88	457549	20.0	20.3	
113 4-Ethyltoluene	105	10.090	10.090	0.000	93	609287	20.0	22.5	
116 1,3,5-Trimethylbenzene	105	10.149	10.149	0.000	94	481137	20.0	21.8	
110 4-Chlorotoluene	91	10.190	10.190	0.000	97	405104	20.0	20.7	
117 Butyl Methacrylate	87	10.237	10.237	0.000	88	155857	20.0	20.2	
118 tert-Butylbenzene	119	10.413	10.419	-0.006	95	410625	20.0	21.6	
119 1,2,4-Trimethylbenzene	105	10.472	10.472	0.000	97	527848	20.0	24.0	
120 sec-Butylbenzene	105	10.602	10.602	0.000	99	633284	20.0	23.3	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	646547	20.0	27.1	
122 1,3-Dichlorobenzene	146	10.737	10.737	0.000	95	252368	20.0	20.4	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	95	221071	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.813	10.819	-0.006	95	258676	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.825	10.825	0.000	99	512169	20.0	22.9	
125 Benzyl chloride	91	10.937	10.937	0.000	99	322505	20.0	22.6	
111 2,3-Dihydroindene	117	10.990	10.990	0.000	93	655462	20.0	30.1	
126 p-Diethylbenzene	119	11.031	11.031	0.000	95	281977	20.0	23.6	
127 n-Butylbenzene	92	11.055	11.055	0.000	98	258645	20.0	21.6	
128 1,2-Dichlorobenzene	146	11.119	11.119	0.000	96	229237	20.0	20.1	
130 1,2,4,5-Tetramethylbenzene	119	11.637	11.643	-0.006	97	459879	20.0	24.2	
129 1,2-Dibromo-3-Chloropropane	157	11.737	11.737	0.000	96	36098	20.0	21.0	
132 1,3,5-Trichlorobenzene	180	11.843	11.843	0.000	97	154871	20.0	19.2	
131 1,2,4-Trichlorobenzene	180	12.307	12.307	0.000	94	143265	20.0	19.6	
133 Hexachlorobutadiene	225	12.378	12.384	-0.006	93	60494	20.0	21.8	
134 Naphthalene	128	12.490	12.490	0.000	99	588561	20.0	28.2	
135 1,2,3-Trichlorobenzene	180	12.660	12.666	-0.006	96	132832	20.0	19.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	143.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	38.3	
S 139 Total BTEX	1				0		100.0	233.0	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00136	Amount Added: 20.00	Units: uL	
ACROLEIN W_00123	Amount Added: 4.00	Units: uL	
524freon_00036	Amount Added: 20.00	Units: uL	
GASES Li_00418	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01268.D

Injection Date: 04-May-2021 16:33:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-1 MS

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 22

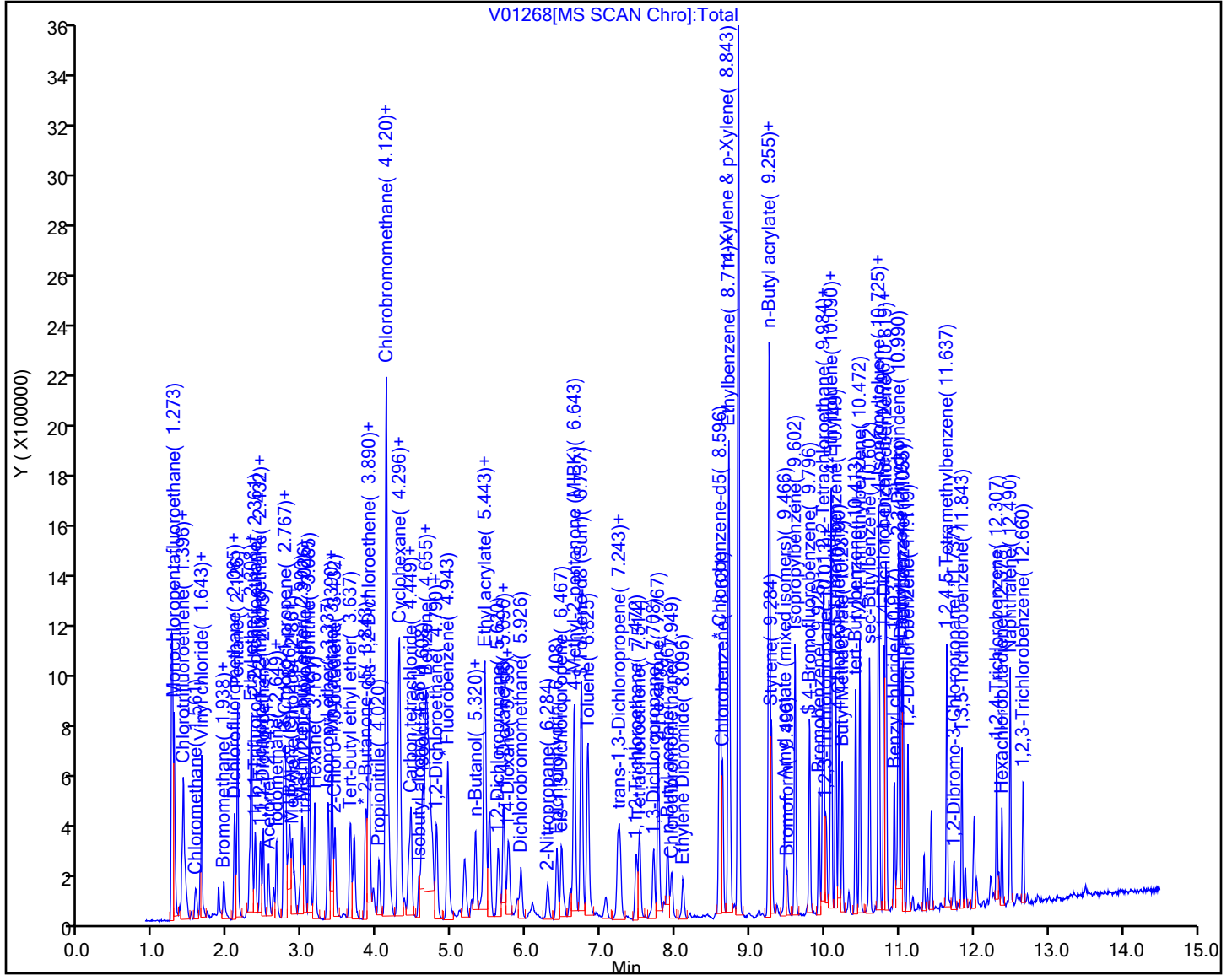
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-233338-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-01_20210430 MSD</u>	Lab Sample ID: <u>460-233338-1 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>V01269.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>04/30/2021 09:40</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/04/2021 16:56</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>775633</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	23.8		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	22.1		1.0	0.33
99-87-6	4-Isopropyltoluene	27.0		1.0	0.37
71-43-2	Benzene	20.9		1.0	0.20
100-41-4	Ethylbenzene	44.8		1.0	0.30
98-82-8	Isopropylbenzene	26.0		1.0	0.34
1634-04-4	Methyl tert-butyl ether	24.0		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	92.6		1.0	0.30
91-20-3	Naphthalene	28.6		1.0	0.88
104-51-8	n-Butylbenzene	21.4		1.0	0.32
103-65-1	N-Propylbenzene	25.5		1.0	0.32
95-47-6	o-Xylene	51.6		1.0	0.36
135-98-8	sec-Butylbenzene	23.0		1.0	0.37
98-06-6	tert-Butylbenzene	20.9		1.0	0.34
108-88-3	Toluene	23.5		1.0	0.38
1330-20-7	Xylenes, Total	144		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\01269.D

Lims ID: 460-233338-A-1 MSD

Client ID: MW-01\_20210430

Sample Type: MSD

Inject. Date: 04-May-2021 16:56:30

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Sample Info: 460-233338-A-1 MSD

Misc. Info.: 460-0128028-023

Operator ID:

Instrument ID:

CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\8260W\_7.m

Limit Group: VOA - 8260D Water and Solid

Last Update: 05-May-2021 10:37:04

Calib Date:

15-Apr-2021 18:29:30

Integrator: RTE

ID Type:

Deconvolution ID

Quant Method: Internal Standard

Quant By:

Initial Calibration

Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210415-127059.b\00417.D

Column 1 : Rtx-624 ( 0.25 mm)

Det: MS Quad

Process Host: CTX1680

First Level Reviewer: parekhv

Date:

04-May-2021 17:31:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.285	1.279	0.006	69	18888	20.0	31.8	
3 Chlorotrifluoroethene	116	1.373	1.373	0.000	87	48431	20.0	24.2	
4 1,1-Difluoroethane	51	1.391	1.390	0.001	92	485811	20.0	119.8	M
5 Dichlorodifluoromethane	85	1.402	1.402	0.000	99	189304	20.0	26.5	
2 Chlorodifluoromethane	51	1.391	1.426	-0.035	98	492302	20.0	68.9	a
6 Chloromethane	50	1.561	1.561	0.000	100	156067	20.0	19.4	
7 Vinyl chloride	62	1.626	1.620	0.006	98	170837	20.0	21.2	
8 Butadiene	54	1.644	1.643	0.001	96	167346	20.0	20.9	
9 Bromomethane	94	1.873	1.873	0.000	96	74918	20.0	18.0	
10 Chloroethane	64	1.938	1.938	0.000	99	108081	20.0	22.8	
11 Dichlorofluoromethane	67	2.079	2.079	0.000	99	215704	20.0	22.1	
12 Trichlorofluoromethane	101	2.091	2.090	0.001	99	186934	20.0	22.3	
13 Pentane	72	2.126	2.126	0.000	95	53085	40.0	47.2	
17 Ethanol	46	2.249	2.249	0.000	90	32184	800.0	955.2	a
14 Ethyl ether	74	2.285	2.285	0.000	97	75265	20.0	19.4	
15 2-Methyl-1,3-butadiene	53	2.308	2.308	0.000	92	126729	20.0	21.2	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.314	2.314	0.000	95	116349	20.0	21.4	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.361	2.361	0.000	97	186944	20.0	22.2	a
18 1,1,2,2-Tetrafluoroethane	101	2.426	2.426	0.000	97	116590	20.0	21.5	
52 Acrolein	56	2.438	2.443	-0.005	49	31262	40.0	40.6	
20 1,1-Dichloroethene	96	2.473	2.473	0.000	97	120022	20.0	22.2	
23 Acetone	43	2.538	2.537	0.001	87	257757	100.0	134.0	
24 Isopropyl alcohol	45	2.608	2.608	0.000	97	102386	200.0	226.4	a
21 Iodomethane	142	2.608	2.608	0.000	91	74026	20.0	12.9	
22 Carbon disulfide	76	2.643	2.649	-0.006	98	393713	20.0	22.1	
30 Methyl acetate	43	2.749	2.743	0.006	98	323270	40.0	57.0	
26 3-Chloro-1-propene	76	2.743	2.749	-0.006	90	79996	20.0	20.4	
25 Cyclopentene	67	2.767	2.767	0.000	93	359055	20.0	22.4	
27 Acetonitrile	40	2.802	2.802	0.000	98	123764	200.0	213.0	
* 28 TBA-d9 (IS)	66	2.832	2.826	0.006	100	52678	1000.0	1000.0	
29 Methylene Chloride	84	2.861	2.855	0.006	92	133359	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.885	2.890	-0.005	99	169936	200.0	222.4	
32 Methyl tert-butyl ether	73	2.990	2.990	0.000	96	425870	20.0	24.0	
33 trans-1,2-Dichloroethene	96	3.026	3.026	0.000	94	137312	20.0	22.4	
35 Acrylonitrile	53	3.085	3.084	0.001	93	635869	200.0	225.5	
36 Hexane	57	3.161	3.161	0.000	93	210842	20.0	22.9	
37 Isopropyl ether	45	3.338	3.337	0.001	96	419439	20.0	20.6	
40 Vinyl acetate	86	3.390	3.390	0.000	100	66159	40.0	46.4	
38 1,1-Dichloroethane	63	3.390	3.390	0.000	60	235795	20.0	20.9	
39 2-Chloro-1,3-butadiene	88	3.432	3.432	0.000	89	128794	20.0	21.8	
41 Tert-butyl ethyl ether	59	3.643	3.637	0.006	88	399608	20.0	21.7	
* 42 2-Butanone-d5	46	3.837	3.837	0.000	96	352773	250.0	250.0	
43 2,2-Dichloropropane	97	3.861	3.855	0.006	93	47830	20.0	22.8	
45 cis-1,2-Dichloroethene	96	3.885	3.884	0.001	93	142953	20.0	21.0	
47 Ethyl acetate	70	3.885	3.884	0.001	93	36224	40.0	43.8	
44 2-Butanone (MEK)	72	3.890	3.890	0.000	97	105762	100.0	124.2	
46 Methyl acrylate	55	3.949	3.949	0.000	100	130324	20.0	20.7	
48 Propionitrile	54	4.026	4.020	0.006	99	247995	200.0	197.6	
49 Chlorobromomethane	128	4.108	4.108	0.000	95	66348	20.0	22.0	
50 Tetrahydrofuran	72	4.114	4.108	0.006	83	46268	40.0	45.7	
54 Methacrylonitrile	67	4.120	4.120	0.000	93	706069	200.0	225.4	
51 Chloroform	83	4.155	4.155	0.000	99	213923	20.0	21.2	
53 Cyclohexane	84	4.290	4.290	0.000	93	382416	20.0	36.8	
55 1,1,1-Trichloroethane	97	4.302	4.296	0.006	97	199605	20.0	22.7	
\$ 56 Dibromofluoromethane (Surr)	113	4.314	4.314	0.000	95	187125	50.0	48.4	
57 Carbon tetrachloride	117	4.426	4.426	0.000	99	158461	20.0	22.0	
58 1,1-Dichloropropene	75	4.455	4.449	0.006	97	194341	20.0	22.0	
61 Isobutyl alcohol	43	4.555	4.567	-0.012	93	130196	500.0	464.3	
64 Isooctane	57	4.608	4.614	-0.006	95	467916	20.0	24.7	
59 Benzene	78	4.655	4.649	0.006	97	583535	20.0	20.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.667	4.667	0.000	93	191178	50.0	47.8	
66 Isopropyl acetate	61	4.690	4.684	0.006	97	65887	20.0	21.0	
62 Tert-amyl methyl ether	73	4.702	4.702	0.000	92	402666	20.0	22.2	
63 1,2-Dichloroethane	62	4.743	4.749	-0.006	96	157815	20.0	22.8	
65 n-Heptane	100	4.796	4.796	0.000	91	42588	20.0	24.6	
* 67 Fluorobenzene	96	4.943	4.943	0.000	99	648795	50.0	50.0	
70 n-Butanol	56	5.261	5.267	-0.006	88	56031	500.0	371.0	
69 Trichloroethene	95	5.320	5.314	0.006	96	138924	20.0	22.4	
71 Ethyl acrylate	99	5.437	5.437	0.000	93	33206	20.0	33.5	
72 Methylcyclohexane	83	5.443	5.443	0.000	90	488831	20.0	45.8	
73 1,2-Dichloropropane	63	5.620	5.625	-0.005	92	131278	20.0	20.8	
* 68 1,4-Dioxane-d8	96	5.690	5.690	0.000	45	34131	1000.0	1000.0	
74 Methyl methacrylate	100	5.690	5.690	0.000	89	87872	40.0	46.5	
78 1,4-Dioxane	88	5.743	5.749	-0.006	28	37243	400.0	385.1	
77 n-Propyl acetate	43	5.749	5.755	-0.006	99	206369	20.0	21.0	
75 Dibromomethane	93	5.761	5.773	-0.012	96	76490	20.0	22.2	
76 Dichlorobromomethane	83	5.926	5.925	0.001	99	158908	20.0	22.0	
34 2-Nitropropane	41	6.278	6.290	-0.012	98	86098	40.0	47.7	
80 Epichlorohydrin	57	6.408	6.408	0.000	99	316758	400.0	467.4	
81 cis-1,3-Dichloropropene	75	6.473	6.478	-0.005	92	212814	20.0	19.4	
84 4-Methyl-2-pentanone (MIBK)	43	6.643	6.643	0.000	95	731962	100.0	118.0	
\$ 82 Toluene-d8 (Surr)	98	6.737	6.743	-0.006	99	860539	50.0	45.0	
83 Toluene	91	6.826	6.825	0.001	93	686585	20.0	23.5	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.231	7.231	0.000	97	192125	20.0	19.6	
86 Ethyl methacrylate	69	7.249	7.255	-0.006	90	183257	20.0	20.3	
87 1,1,2-Trichloroethane	83	7.467	7.472	-0.005	95	101111	20.0	20.3	
88 Tetrachloroethene	166	7.520	7.519	0.001	95	136686	20.0	20.3	
89 1,3-Dichloropropane	76	7.702	7.708	-0.006	92	208320	20.0	20.4	
91 2-Hexanone	43	7.767	7.767	0.000	95	490561	100.0	118.9	
92 n-Butyl acetate	43	7.896	7.890	0.006	97	219082	20.0	20.5	
90 Chlorodibromomethane	129	7.949	7.949	0.000	99	112405	20.0	19.0	
93 Ethylene Dibromide	107	8.102	8.102	0.000	95	122017	20.0	20.7	
* 94 Chlorobenzene-d5	117	8.596	8.596	0.000	85	488335	50.0	50.0	
95 Chlorobenzene	112	8.631	8.631	0.000	95	352618	20.0	20.3	
97 Ethylbenzene	106	8.714	8.714	0.000	98	436113	20.0	44.8	
96 1,1,1,2-Tetrachloroethane	131	8.731	8.731	0.000	97	115020	20.0	19.2	
98 m-Xylene & p-Xylene	106	8.843	8.849	-0.006	96	1084071	20.0	92.6	
99 n-Butyl acrylate	73	9.243	9.243	0.000	98	109124	20.0	21.0	
100 o-Xylene	106	9.255	9.261	-0.006	94	590513	20.0	51.6	
101 Styrene	104	9.290	9.290	0.000	95	401708	20.0	21.0	
102 Amyl acetate (mixed isomers)	43	9.467	9.466	0.001	92	220667	20.0	19.5	
103 Bromoform	173	9.496	9.496	0.000	96	74857	20.0	18.3	
104 Isopropylbenzene	105	9.602	9.602	0.000	95	726157	20.0	26.0	
\$ 105 4-Bromofluorobenzene	174	9.802	9.802	0.000	0	211604	50.0	46.2	
107 Bromobenzene	156	9.925	9.925	0.000	99	130446	20.0	19.7	
108 1,1,2,2-Tetrachloroethane	83	9.966	9.972	-0.006	99	172405	20.0	21.3	
109 N-Propylbenzene	91	9.984	9.984	0.000	100	850881	20.0	25.5	
115 1,2,3-Trichloropropane	110	10.014	10.013	0.001	97	51084	20.0	21.4	
112 trans-1,4-Dichloro-2-butene	53	10.025	10.031	-0.006	89	41464	20.0	17.6	
114 2-Chlorotoluene	91	10.090	10.090	0.000	89	482375	20.0	20.7	
113 4-Ethyltoluene	105	10.090	10.090	0.000	91	620221	20.0	22.2	
116 1,3,5-Trimethylbenzene	105	10.149	10.149	0.000	94	505156	20.0	22.1	
110 4-Chlorotoluene	91	10.190	10.190	0.000	97	423613	20.0	20.9	
117 Butyl Methacrylate	87	10.237	10.237	0.000	89	161422	20.0	20.3	
118 tert-Butylbenzene	119	10.419	10.419	0.000	94	409251	20.0	20.9	
119 1,2,4-Trimethylbenzene	105	10.472	10.472	0.000	97	539774	20.0	23.8	
120 sec-Butylbenzene	105	10.602	10.602	0.000	100	646647	20.0	23.0	
121 4-Isopropyltoluene	119	10.725	10.725	0.000	98	665678	20.0	27.0	
122 1,3-Dichlorobenzene	146	10.731	10.737	-0.006	95	256175	20.0	20.0	
* 106 1,4-Dichlorobenzene-d4	152	10.796	10.796	0.000	95	228270	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.813	10.819	-0.006	94	265360	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	10.825	10.825	0.000	99	525085	20.0	22.8	
125 Benzyl chloride	91	10.937	10.937	0.000	99	333266	20.0	22.6	
111 2,3-Dihydroindene	117	10.990	10.990	0.000	94	660695	20.0	29.4	
126 p-Diethylbenzene	119	11.031	11.031	0.000	94	274500	20.0	22.2	
127 n-Butylbenzene	92	11.055	11.055	0.000	97	265439	20.0	21.4	
128 1,2-Dichlorobenzene	146	11.119	11.119	0.000	96	239553	20.0	20.3	
130 1,2,4,5-Tetramethylbenzene	119	11.637	11.643	-0.006	97	470478	20.0	24.0	
129 1,2-Dibromo-3-Chloropropane	157	11.737	11.737	0.000	93	38260	20.0	21.6	
132 1,3,5-Trichlorobenzene	180	11.843	11.843	0.000	96	167498	20.0	20.1	
131 1,2,4-Trichlorobenzene	180	12.308	12.307	0.001	93	143724	20.0	19.1	
133 Hexachlorobutadiene	225	12.378	12.384	-0.006	93	58288	20.0	20.4	
134 Naphthalene	128	12.490	12.490	0.000	99	617587	20.0	28.6	
135 1,2,3-Trichlorobenzene	180	12.666	12.666	0.000	96	132920	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.5	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	144.1	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.0	
S 139 Total BTEX	1				0		100.0	233.3	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00136	Amount Added: 20.00	Units: uL	
ACROLEIN W_00123	Amount Added: 4.00	Units: uL	
524freon_00036	Amount Added: 20.00	Units: uL	
GASES Li_00418	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00217	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210504-128028.b\V01269.D

Injection Date: 04-May-2021 16:56:30

Instrument ID: CVOAMS7

Lims ID: 460-233338-A-1 MSD

Client ID: MW-01\_20210430

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

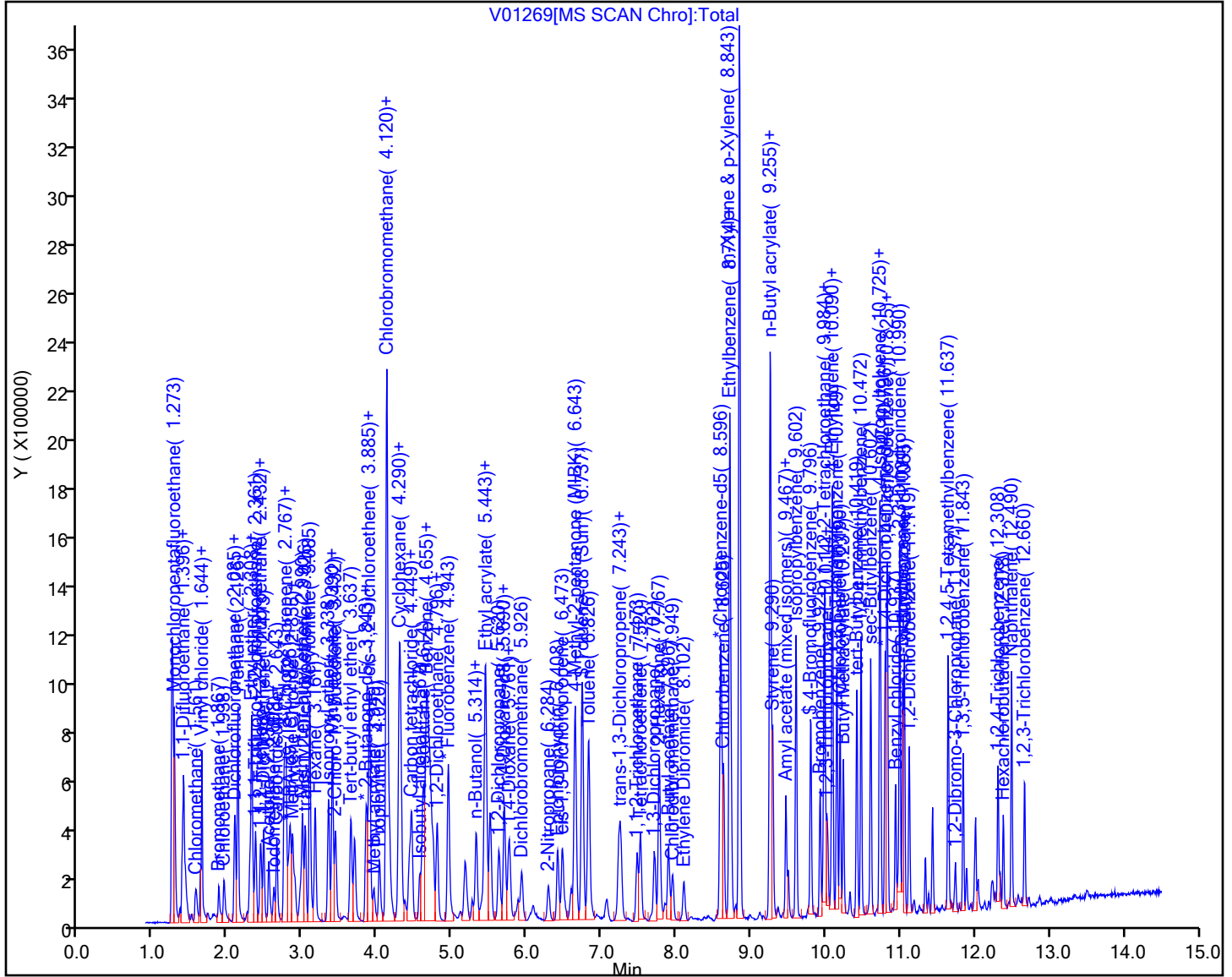
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-233338-1

SDG No.:

Instrument ID: CVOAMS7

Start Date: 04/15/2021 14:44

Analysis Batch Number: 771694

End Date: 04/16/2021 02:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-771694/1		04/15/2021 14:44	1	V00408.D	Rtx-624 0.25 (mm)
STD7 460-771694/3 IC		04/15/2021 15:49	1	V00410.D	Rtx-624 0.25 (mm)
STD1 460-771694/4 IC		04/15/2021 16:12	1	V00411.D	Rtx-624 0.25 (mm)
STD5 460-771694/6 IC		04/15/2021 16:57	1	V00413.D	Rtx-624 0.25 (mm)
STD20 460-771694/7 ICIS		04/15/2021 17:20	1	V00414.D	Rtx-624 0.25 (mm)
STD50 460-771694/8 IC		04/15/2021 17:43	1	V00415.D	Rtx-624 0.25 (mm)
STD200 460-771694/9 IC		04/15/2021 18:06	1	V00416.D	Rtx-624 0.25 (mm)
STD500 460-771694/10 IC		04/15/2021 18:29	1	V00417.D	Rtx-624 0.25 (mm)
ICV 460-771694/14		04/15/2021 19:59	1	V00421.D	Rtx-624 0.25 (mm)
ZZZZZ		04/15/2021 20:22	1		Rtx-624 0.25 (mm)
ZZZZZ		04/15/2021 20:45	1		Rtx-624 0.25 (mm)
ZZZZZ		04/15/2021 21:07	1		Rtx-624 0.25 (mm)
ZZZZZ		04/15/2021 23:41	1		Rtx-624 0.25 (mm)
ZZZZZ		04/16/2021 00:03	1		Rtx-624 0.25 (mm)
ZZZZZ		04/16/2021 00:26	1		Rtx-624 0.25 (mm)
ZZZZZ		04/16/2021 00:49	1		Rtx-624 0.25 (mm)
ZZZZZ		04/16/2021 01:12	1		Rtx-624 0.25 (mm)
ZZZZZ		04/16/2021 01:34	1		Rtx-624 0.25 (mm)
ZZZZZ		04/16/2021 02:42	5		Rtx-624 0.25 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-233338-1

SDG No.:

Instrument ID: CVOAMS7

Start Date: 05/04/2021 08:35

Analysis Batch Number: 775633

End Date: 05/04/2021 20:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-775633/1		05/04/2021 08:35	1	V01247.D	Rtx-624 0.25 (mm)
CCVIS 460-775633/2		05/04/2021 08:58	1	V01248.D	Rtx-624 0.25 (mm)
LCS 460-775633/4		05/04/2021 09:44	1	V01250.D	Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 10:06	1		Rtx-624 0.25 (mm)
MB 460-775633/8		05/04/2021 11:14	1	V01254.D	Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 11:37	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 12:00	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 12:23	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 13:08	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 13:31	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 13:54	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 14:16	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 14:39	1		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 15:02	2		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 15:47	20		Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 16:10	5		Rtx-624 0.25 (mm)
460-233338-1 MS	MW-01_20210430 MS	05/04/2021 16:33	1	V01268.D	Rtx-624 0.25 (mm)
460-233338-1 MSD	MW-01_20210430 MSD	05/04/2021 16:56	1	V01269.D	Rtx-624 0.25 (mm)
460-233338-5	TB_20210430	05/04/2021 17:41	1	V01271.D	Rtx-624 0.25 (mm)
460-233338-6	FB_20210430	05/04/2021 18:04	1	V01272.D	Rtx-624 0.25 (mm)
460-233338-1	MW-01_20210430	05/04/2021 18:27	1	V01273.D	Rtx-624 0.25 (mm)
460-233338-2	MW-02_20210430	05/04/2021 18:49	1	V01274.D	Rtx-624 0.25 (mm)
460-233338-3	MW-X_20210430	05/04/2021 19:12	1	V01275.D	Rtx-624 0.25 (mm)
460-233338-4	MW-03_20210430	05/04/2021 19:35	1	V01276.D	Rtx-624 0.25 (mm)
ZZZZZ		05/04/2021 20:19	2		Rtx-624 0.25 (mm)

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Batch Number: 771694 Batch Start Date: 04/15/21 14:44 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00128	524freon 00035	8260 SP 00138	8260ISNEW 00119
BFB 460-771694/1		8260D		5 mL	5 mL				
STD7 460-771694/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-771694/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-771694/6 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-771694/7 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-771694/8 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-771694/9 IC		8260D		5 mL	5 mL				1 uL
STD500 460-771694/10 IC		8260D		5 mL	5 mL				1 uL
ICV 460-771694/14		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00135	8260SURR250 00217	8FreonHi 00031	8FreonsSS 00031	ACROLEIN SP 00123	ACROLEIN W 00122
BFB 460-771694/1		8260D							
STD7 460-771694/3 IC		8260D			1 uL				
STD1 460-771694/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-771694/6 IC		8260D		10 uL	1 uL				4 uL
STD20 460-771694/7 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-771694/8 IC		8260D		50 uL	1 uL				10 uL
STD200 460-771694/9 IC		8260D			1 uL	20 uL			20 uL
STD500 460-771694/10 IC		8260D			1 uL	50 uL			40 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 3

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Batch Number: 771694 Batch Start Date: 04/15/21 14:44 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00135	8260SURR250 00217	8FreonHi 00031	8FreonsSS 00031	ACROLEIN SP 00123	ACROLEIN W 00122
ICV 460-771694/14		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00084	BFB 00029	Ethanol mix 00051	GAS C SP 00405	GAS Hi 00386	GASES Li 00416
BFB 460-771694/1		8260D			1 uL				
STD7 460-771694/3 IC		8260D		20 uL					2.5 uL
STD1 460-771694/4 IC		8260D							10 uL
STD5 460-771694/6 IC		8260D							10 uL
STD20 460-771694/7 ICIS		8260D							20 uL
STD50 460-771694/8 IC		8260D							50 uL
STD200 460-771694/9 IC		8260D				20 uL		20 uL	
STD500 460-771694/10 IC		8260D				50 uL		50 uL	
ICV 460-771694/14		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00110	MIX I Hi 00137				
BFB 460-771694/1		8260D							
STD7 460-771694/3 IC		8260D							
STD1 460-771694/4 IC		8260D							
STD5 460-771694/6 IC		8260D							
STD20 460-771694/7 ICIS		8260D							
STD50 460-771694/8 IC		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Batch Number: 771694 Batch Start Date: 04/15/21 14:44 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00110	MIX I Hi 00137				
STD200 460-771694/9 IC		8260D		20 uL	20 uL				
STD500 460-771694/10 IC		8260D		50 uL	50 uL				
ICV 460-771694/14		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Batch Number: 775633 Batch Start Date: 05/04/21 08:35 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00036	8260ISNEW 00119	8260MIX1COMB 00136
BFB 460-775633/1		8260D		5 mL	5 mL				
CCVIS 460-775633/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-775633/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-775633/8		8260D		5 mL	5 mL			1 uL	
460-233338-A-1 MS	MW-01_20210430	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-233338-A-1 MSD	MW-01_20210430	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-233338-A-5	TB_20210430	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-233338-A-6	FB_20210430	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-233338-B-1	MW-01_20210430	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-233338-B-2	MW-02_20210430	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-233338-A-3	MW-X_20210430	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-233338-B-4	MW-03_20210430	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00217	ACROLEIN W 00123	BFB 00029	GASES Li 00418		
BFB 460-775633/1		8260D				1 uL			
CCVIS 460-775633/2		8260D		1 uL	4 uL		20 uL		
LCS 460-775633/4		8260D		1 uL	4 uL		20 uL		
MB 460-775633/8		8260D		1 uL					
460-233338-A-1 MS	MW-01_20210430	8260D	T	1 uL	4 uL		20 uL		
460-233338-A-1 MSD	MW-01_20210430	8260D	T	1 uL	4 uL		20 uL		
460-233338-A-5	TB_20210430	8260D	T	1 uL					
460-233338-A-6	FB_20210430	8260D	T	1 uL					
460-233338-B-1	MW-01_20210430	8260D	T	1 uL					
460-233338-B-2	MW-02_20210430	8260D	T	1 uL					
460-233338-A-3	MW-X_20210430	8260D	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 2



## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-233338-1

SDG No.: \_\_\_\_\_

Batch Number: 775633 Batch Start Date: 05/04/21 08:35 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00217	ACROLEIN W 00123	BFB 00029	GASES Li 00418		
460-233338-B-4	MW-03_20210430	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Shipping and Receiving Documents

# NYC

## Chain of Custody Record

### 500429



Environment Testing  
TestAmerica

Address: \_\_\_\_\_

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

<b>Client Contact</b> Company Name: <u>Apex Inc</u> Address: <u>440 Park Ave S 7th fl</u> City/State/Zip: <u>NY NY</u> Phone: _____ Fax: _____ Project Name: <u>601 W 29th St</u> Site: <u>NY NY</u> PO #: <u>170087</u>		<b>Project Manager:</b> <u>Adriano Basco</u> <b>Tel/Email:</b> <u>abasco@apexinc.com</u> <b>Analysis Turnaround Time</b> <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		<b>Site Contact:</b> <u>Environ</u> <b>Lab Contact:</b> _____ <b>Filtered Sample (Y/N)</b> _____ <b>Perform MS / MSD (Y/N)</b> <u>CP-51 VOCs</u>		<b>Date:</b> <u>9/30/21</u> <b>Carrier:</b> _____ <b>COC No:</b> _____ of _____ COCs <b>Sampler:</b> _____ <b>For Lab Use Only:</b> Walk-in Client: _____ Lab Sampling: _____ Job / SDG No: <u>23558</u>							
<b>Sample Identification</b> MW-01-20210430 MW-02-20210430-MS MW-01-20210430-MSD MW-02-20210430 MW-X-20210430 MW-03-20210430 TB-20210430 FB-20210430		<b>Sample Date</b> <u>9/30/21</u> <u>9/30</u> <u>9/30</u> <u>11/05</u> <u>11/10</u> <u>13/10</u> <u>0000</u> <u>9/30/21</u>		<b>Sample Time</b> <u>940</u> <u>945</u> <u>950</u> <u>1105</u> <u>1110</u> <u>1310</u> <u>0000</u> <u>1315</u>		<b>Sample Type (C=Comp, G=Grab)</b> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u> <u>G</u>		<b>Matrix</b> <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u> <u>W</u>		<b># of Cont.</b> <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>2</u> <u>2</u>		<b>Sample Specific Notes:</b> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">           460-23338 Chain of Custody         </div> <div style="border: 2px solid yellow; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;">             5-Day RUSH           </div>	
<b>Preservation Used:</b> 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____													
<b>Possible Hazard Identification:</b> Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown													
<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months													
<b>Special Instructions/QC Requirements &amp; Comments:</b> <u>Cat B deliverables Tans EDD</u>													
<b>Custody Seals Intact:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Custody Seal No.:</b> _____ <b>Relinquished by:</b> <u>Gunny</u> <b>Relinquished by:</b> <u>Xant</u> <b>Relinquished by:</b> _____													
<b>Received by:</b> <u>Apex</u> <b>Date/Time:</b> <u>9/30/21 1130</u> <b>Received by:</b> <u>Apex</u> <b>Date/Time:</b> <u>9/30/21 1130</u> <b>Received by:</b> _____ <b>Date/Time:</b> _____													
<b>Therm ID No.:</b> _____ <b>Cooler Temp. (°C):</b> Obs'd: _____ <b>Company:</b> <u>Apex</u> <b>Date/Time:</b> <u>9/30/21 1130</u> <b>Company:</b> <u>Apex</u> <b>Date/Time:</b> <u>9/30/21 1130</u> <b>Company:</b> _____ <b>Date/Time:</b> _____													

25 . 22 SR 11

**Job Number:**

**Number of Coolers:**

IR Gun #

二

## Cooler Temperatures

RAW		CORRECTED	
Cooler #1:	25	℃	22
Cooler #2:		℃	℃
Cooler #3:		℃	℃

RAW		CORRECTED	
Cooler #4:		℃	℃
Cooler #5:		℃	℃
Cooler #6:		℃	℃

RAW		CORRECTED	
Cooler #7:		℃	℃
Cooler #8:		℃	℃
Cooler #9:		℃	℃

[illegible]

**If pH adjustments are required record the information below:**

Sample No(s). adjusted:

**Sample No(s). adjusted:**

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

\* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1  
10/22/2019

**Initials:**

Date: 3/22/

## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-233338-1

**Login Number: 233338**  
**List Number: 1**  
**Creator: Rivera, Kenneth**

**List Source: Eurofins TestAmerica, Edison**

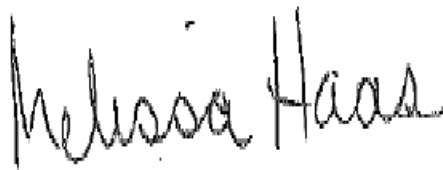
Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	

## ANALYTICAL REPORT

Job Number: 460-238659-1

Job Description: 601 W29th St, NY, NY 10001; #170087

For:  
AKRF Inc  
440 Park Avenue South  
7th Floor  
New York, NY 10016  
Attention: Ms. Adrianna Bosco



Approved for release.  
Melissa Haas  
Senior Project Manager  
7/16/2021 5:01 PM

---

Melissa Haas, Senior Project Manager  
777 New Durham Road, Edison, NJ, 08817  
(203)308-0880  
Melissa.Haas@Eurofinset.com  
07/16/2021

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

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

**Eurofins TestAmerica, Edison**

777 New Durham Road, Edison, NJ 08817

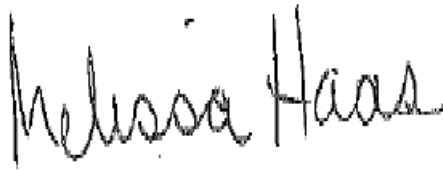
Tel (732) 549-3900 Fax (732) 549-3679 [www.testamericainc.com](http://www.testamericainc.com)



Job Number: 460-238659-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath it.

Approved for release.  
Melissa Haas  
Senior Project Manager  
7/16/2021 5:01 PM

Melissa Haas

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## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

Report Number: 460-238659-1

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 07/12/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.5 C.

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

### **VOLATILE ORGANIC COMPOUNDS (GC/MS)**

Samples MW-01\_20210712 (460-238659-1), MW-02\_20210712 (460-238659-2), MW-03\_20210712 (460-238659-3), TB\_20210712 (460-238659-4), FB\_20210712 (460-238659-5) and MW-X\_20210712 (460-238659-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 07/15/2021.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

## Sample Summary

Client: AKRF Inc

Job ID: 460-238659-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-238659-1	MW-01_20210712	Water	07/12/21 10:55	07/12/21 17:30	
460-238659-2	MW-02_20210712	Water	07/12/21 11:25	07/12/21 17:30	
460-238659-3	MW-03_20210712	Water	07/12/21 13:00	07/12/21 17:30	
460-238659-4	TB_20210712	Water	07/12/21 00:00	07/12/21 17:30	
460-238659-5	FB_20210712	Water	07/12/21 10:45	07/12/21 17:30	
460-238659-6	MW-X_20210712	Water	07/12/21 10:00	07/12/21 17:30	

# Detection Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## Client Sample ID: MW-01\_20210712

## Lab Sample ID: 460-238659-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.60	J	1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.35	J	1.0	0.34	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA
o-Xylene	0.87	J	1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	0.57	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	2.3		2.0	0.65	ug/L	1		8260D	Total/NA

## Client Sample ID: MW-02\_20210712

## Lab Sample ID: 460-238659-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	2.1		1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	2.5		1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	8.2		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.76	J	1.0	0.34	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	14		1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	3.9		1.0	0.88	ug/L	1		8260D	Total/NA
o-Xylene	9.5		1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	7.2		1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	24		2.0	0.65	ug/L	1		8260D	Total/NA

## Client Sample ID: MW-03\_20210712

## Lab Sample ID: 460-238659-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	6.8		1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	0.55	J	1.0	0.20	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.40	J	1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	1.1		1.0	0.88	ug/L	1		8260D	Total/NA
o-Xylene	0.42	J	1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	0.64	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	0.82	J	2.0	0.65	ug/L	1		8260D	Total/NA

## Client Sample ID: TB\_20210712

## Lab Sample ID: 460-238659-4

No Detections.

## Client Sample ID: FB\_20210712

## Lab Sample ID: 460-238659-5

No Detections.

## Client Sample ID: MW-X\_20210712

## Lab Sample ID: 460-238659-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.50	J	1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.34	J	1.0	0.34	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	1.2		1.0	0.30	ug/L	1		8260D	Total/NA
o-Xylene	0.77	J	1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	0.51	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	1.9	J	2.0	0.65	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

# Method Summary

Client: AKRF Inc

Job ID: 460-238659-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

## Protocol References:

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

## Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

Client Sample ID: MW-01\_20210712

Lab Sample ID: 460-238659-1

Date Collected: 07/12/21 10:55

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 18:48	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 18:48	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			07/15/21 18:48	1
Benzene	0.20	U	1.0	0.20	ug/L			07/15/21 18:48	1
Ethylbenzene	0.60	J	1.0	0.30	ug/L			07/15/21 18:48	1
Isopropylbenzene	0.35	J	1.0	0.34	ug/L			07/15/21 18:48	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 18:48	1
m-Xylene & p-Xylene	1.5		1.0	0.30	ug/L			07/15/21 18:48	1
Naphthalene	0.88	U	1.0	0.88	ug/L			07/15/21 18:48	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 18:48	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 18:48	1
o-Xylene	0.87	J	1.0	0.36	ug/L			07/15/21 18:48	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 18:48	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 18:48	1
Toluene	0.57	J	1.0	0.38	ug/L			07/15/21 18:48	1
Xylenes, Total	2.3		2.0	0.65	ug/L			07/15/21 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		75 - 123		07/15/21 18:48	1
4-Bromofluorobenzene	96		76 - 120		07/15/21 18:48	1
Dibromofluoromethane (Surr)	97		77 - 124		07/15/21 18:48	1
Toluene-d8 (Surr)	99		80 - 120		07/15/21 18:48	1

Client Sample ID: MW-02\_20210712

Lab Sample ID: 460-238659-2

Date Collected: 07/12/21 11:25

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 18:05	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 18:05	1
4-Isopropyltoluene	2.1		1.0	0.37	ug/L			07/15/21 18:05	1
Benzene	2.5		1.0	0.20	ug/L			07/15/21 18:05	1
Ethylbenzene	8.2		1.0	0.30	ug/L			07/15/21 18:05	1
Isopropylbenzene	0.76	J	1.0	0.34	ug/L			07/15/21 18:05	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 18:05	1
m-Xylene & p-Xylene	14		1.0	0.30	ug/L			07/15/21 18:05	1
Naphthalene	3.9		1.0	0.88	ug/L			07/15/21 18:05	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 18:05	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 18:05	1
o-Xylene	9.5		1.0	0.36	ug/L			07/15/21 18:05	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 18:05	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 18:05	1
Toluene	7.2		1.0	0.38	ug/L			07/15/21 18:05	1
Xylenes, Total	24		2.0	0.65	ug/L			07/15/21 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 123		07/15/21 18:05	1
4-Bromofluorobenzene	99		76 - 120		07/15/21 18:05	1
Dibromofluoromethane (Surr)	97		77 - 124		07/15/21 18:05	1

Eurofins TestAmerica, Edison

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

Client Sample ID: MW-02\_20210712

Lab Sample ID: 460-238659-2

Date Collected: 07/12/21 11:25

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/15/21 18:05	1

Client Sample ID: MW-03\_20210712

Lab Sample ID: 460-238659-3

Date Collected: 07/12/21 13:00

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 18:26	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 18:26	1
4-Isopropyltoluene	6.8		1.0	0.37	ug/L			07/15/21 18:26	1
Benzene	0.55	J	1.0	0.20	ug/L			07/15/21 18:26	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/15/21 18:26	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 18:26	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 18:26	1
m-Xylene & p-Xylene	0.40	J	1.0	0.30	ug/L			07/15/21 18:26	1
Naphthalene	1.1		1.0	0.88	ug/L			07/15/21 18:26	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 18:26	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 18:26	1
o-Xylene	0.42	J	1.0	0.36	ug/L			07/15/21 18:26	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 18:26	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 18:26	1
Toluene	0.64	J	1.0	0.38	ug/L			07/15/21 18:26	1
Xylenes, Total	0.82	J	2.0	0.65	ug/L			07/15/21 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		75 - 123		07/15/21 18:26	1
4-Bromofluorobenzene	95		76 - 120		07/15/21 18:26	1
Dibromofluoromethane (Surr)	93		77 - 124		07/15/21 18:26	1
Toluene-d8 (Surr)	97		80 - 120		07/15/21 18:26	1

Client Sample ID: TB\_20210712

Lab Sample ID: 460-238659-4

Date Collected: 07/12/21 00:00

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 02:12	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 02:12	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			07/15/21 02:12	1
Benzene	0.20	U	1.0	0.20	ug/L			07/15/21 02:12	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/15/21 02:12	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 02:12	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 02:12	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/15/21 02:12	1
Naphthalene	0.88	U	1.0	0.88	ug/L			07/15/21 02:12	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 02:12	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 02:12	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/15/21 02:12	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 02:12	1

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

Client Sample ID: TB\_20210712

Lab Sample ID: 460-238659-4

Date Collected: 07/12/21 00:00

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 02:12	1
Toluene	0.38	U	1.0	0.38	ug/L			07/15/21 02:12	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			07/15/21 02:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75 - 123		07/15/21 02:12	1
4-Bromofluorobenzene	95		76 - 120		07/15/21 02:12	1
Dibromofluoromethane (Surr)	92		77 - 124		07/15/21 02:12	1
Toluene-d8 (Surr)	98		80 - 120		07/15/21 02:12	1

Client Sample ID: FB\_20210712

Lab Sample ID: 460-238659-5

Date Collected: 07/12/21 10:45

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 02:34	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 02:34	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			07/15/21 02:34	1
Benzene	0.20	U	1.0	0.20	ug/L			07/15/21 02:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/15/21 02:34	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 02:34	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 02:34	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/15/21 02:34	1
Naphthalene	0.88	U	1.0	0.88	ug/L			07/15/21 02:34	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 02:34	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 02:34	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/15/21 02:34	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 02:34	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 02:34	1
Toluene	0.38	U	1.0	0.38	ug/L			07/15/21 02:34	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			07/15/21 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 123		07/15/21 02:34	1
4-Bromofluorobenzene	96		76 - 120		07/15/21 02:34	1
Dibromofluoromethane (Surr)	96		77 - 124		07/15/21 02:34	1
Toluene-d8 (Surr)	99		80 - 120		07/15/21 02:34	1

Client Sample ID: MW-X\_20210712

Lab Sample ID: 460-238659-6

Date Collected: 07/12/21 10:00

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 19:10	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 19:10	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			07/15/21 19:10	1
Benzene	0.20	U	1.0	0.20	ug/L			07/15/21 19:10	1
Ethylbenzene	0.50	J	1.0	0.30	ug/L			07/15/21 19:10	1
Isopropylbenzene	0.34	J	1.0	0.34	ug/L			07/15/21 19:10	1

Eurofins TestAmerica, Edison



# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

Client Sample ID: MW-X\_20210712

Lab Sample ID: 460-238659-6

Date Collected: 07/12/21 10:00

Matrix: Water

Date Received: 07/12/21 17:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 19:10	1
<b>m-Xylene &amp; p-Xylene</b>	<b>1.2</b>		1.0	0.30	ug/L			07/15/21 19:10	1
Naphthalene	0.88	U	1.0	0.88	ug/L			07/15/21 19:10	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 19:10	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 19:10	1
<b>o-Xylene</b>	<b>0.77</b>	<b>J</b>	1.0	0.36	ug/L			07/15/21 19:10	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 19:10	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 19:10	1
<b>Toluene</b>	<b>0.51</b>	<b>J</b>	1.0	0.38	ug/L			07/15/21 19:10	1
<b>Xylenes, Total</b>	<b>1.9</b>	<b>J</b>	2.0	0.65	ug/L			07/15/21 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 123		07/15/21 19:10	1
4-Bromofluorobenzene	99		76 - 120		07/15/21 19:10	1
Dibromofluoromethane (Surr)	96		77 - 124		07/15/21 19:10	1
Toluene-d8 (Surr)	100		80 - 120		07/15/21 19:10	1

# Surrogate Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-238659-1	MW-01_20210712	88	96	97	99
460-238659-2	MW-02_20210712	85	99	97	100
460-238659-2 MS	MW-02_20210712	79	95	90	96
460-238659-2 MSD	MW-02_20210712	80	94	89	98
460-238659-3	MW-03_20210712	82	95	93	97
460-238659-4	TB_20210712	81	95	92	98
460-238659-5	FB_20210712	85	96	96	99
460-238659-6	MW-X_20210712	85	99	96	100
LCS 460-790298/3	Lab Control Sample	83	96	92	99
LCS 460-790464/3	Lab Control Sample	88	99	91	101
LCSD 460-790298/4	Lab Control Sample Dup	84	97	94	99
MB 460-790298/7	Method Blank	85	99	92	100
MB 460-790464/7	Method Blank	86	99	91	99

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-790298/7

Matrix: Water

Analysis Batch: 790298

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 00:24	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 00:24	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			07/15/21 00:24	1
Benzene	0.20	U	1.0	0.20	ug/L			07/15/21 00:24	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/15/21 00:24	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 00:24	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 00:24	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/15/21 00:24	1
Naphthalene	0.88	U	1.0	0.88	ug/L			07/15/21 00:24	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 00:24	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 00:24	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/15/21 00:24	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 00:24	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 00:24	1
Toluene	0.38	U	1.0	0.38	ug/L			07/15/21 00:24	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			07/15/21 00:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 123		07/15/21 00:24	1
4-Bromofluorobenzene	99		76 - 120		07/15/21 00:24	1
Dibromofluoromethane (Surr)	92		77 - 124		07/15/21 00:24	1
Toluene-d8 (Surr)	100		80 - 120		07/15/21 00:24	1

Lab Sample ID: LCS 460-790298/3

Matrix: Water

Analysis Batch: 790298

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	20.9		ug/L		104	75 - 125
1,3,5-Trimethylbenzene	20.0	20.7		ug/L		103	75 - 125
4-Isopropyltoluene	20.0	20.3		ug/L		101	71 - 129
Benzene	20.0	20.8		ug/L		104	78 - 126
Ethylbenzene	20.0	21.1		ug/L		105	78 - 120
Isopropylbenzene	20.0	21.2		ug/L		106	79 - 125
Methyl tert-butyl ether	20.0	18.4		ug/L		92	65 - 131
m-Xylene & p-Xylene	20.0	21.4		ug/L		107	78 - 123
Naphthalene	20.0	19.5		ug/L		97	40 - 150
n-Butylbenzene	20.0	21.3		ug/L		107	69 - 135
N-Propylbenzene	20.0	21.4		ug/L		107	74 - 129
o-Xylene	20.0	21.6		ug/L		108	78 - 122
sec-Butylbenzene	20.0	21.8		ug/L		109	73 - 129
tert-Butylbenzene	20.0	20.8		ug/L		104	72 - 124
Toluene	20.0	20.9		ug/L		105	78 - 119
Xylenes, Total	40.0	43.0		ug/L		108	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		75 - 123
4-Bromofluorobenzene	96		76 - 120

Eurofins TestAmerica, Edison

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-790298/3

Matrix: Water

Analysis Batch: 790298

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	92		77 - 124
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 460-790298/4

Matrix: Water

Analysis Batch: 790298

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
1,2,4-Trimethylbenzene	20.0	20.7		ug/L		103	75 - 125		1	30
1,3,5-Trimethylbenzene	20.0	20.6		ug/L		103	75 - 125		1	30
4-Isopropyltoluene	20.0	19.7		ug/L		99	71 - 129		3	30
Benzene	20.0	19.7		ug/L		99	78 - 126		5	30
Ethylbenzene	20.0	19.5		ug/L		98	78 - 120		8	30
Isopropylbenzene	20.0	19.5		ug/L		98	79 - 125		8	30
Methyl tert-butyl ether	20.0	17.9		ug/L		90	65 - 131		3	30
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 123		8	30
Naphthalene	20.0	19.2		ug/L		96	40 - 150		1	30
n-Butylbenzene	20.0	20.6		ug/L		103	69 - 135		3	30
N-Propylbenzene	20.0	20.7		ug/L		104	74 - 129		3	30
o-Xylene	20.0	19.5		ug/L		97	78 - 122		10	30
sec-Butylbenzene	20.0	21.3		ug/L		106	73 - 129		3	30
tert-Butylbenzene	20.0	19.8		ug/L		99	72 - 124		5	30
Toluene	20.0	19.3		ug/L		96	78 - 119		8	30
Xylenes, Total	40.0	39.3		ug/L		98	78 - 122		9	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	84		75 - 123
4-Bromofluorobenzene	97		76 - 120
Dibromofluoromethane (Surr)	94		77 - 124
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: MB 460-790464/7

Matrix: Water

Analysis Batch: 790464

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 12:39	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			07/15/21 12:39	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			07/15/21 12:39	1
Benzene	0.20	U	1.0	0.20	ug/L			07/15/21 12:39	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/15/21 12:39	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 12:39	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			07/15/21 12:39	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			07/15/21 12:39	1
Naphthalene	0.88	U	1.0	0.88	ug/L			07/15/21 12:39	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 12:39	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			07/15/21 12:39	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/15/21 12:39	1

Eurofins TestAmerica, Edison

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-790464/7

Matrix: Water

Analysis Batch: 790464

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			07/15/21 12:39	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			07/15/21 12:39	1
Toluene	0.38	U	1.0	0.38	ug/L			07/15/21 12:39	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			07/15/21 12:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		75 - 123		07/15/21 12:39	1
4-Bromofluorobenzene	99		76 - 120		07/15/21 12:39	1
Dibromofluoromethane (Surr)	91		77 - 124		07/15/21 12:39	1
Toluene-d8 (Surr)	99		80 - 120		07/15/21 12:39	1

Lab Sample ID: LCS 460-790464/3

Matrix: Water

Analysis Batch: 790464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	20.1		ug/L		100	75 - 125
1,3,5-Trimethylbenzene	20.0	20.0		ug/L		100	75 - 125
4-Isopropyltoluene	20.0	19.8		ug/L		99	71 - 129
Benzene	20.0	20.3		ug/L		101	78 - 126
Ethylbenzene	20.0	20.4		ug/L		102	78 - 120
Isopropylbenzene	20.0	20.3		ug/L		102	79 - 125
Methyl tert-butyl ether	20.0	18.3		ug/L		91	65 - 131
m-Xylene & p-Xylene	20.0	20.1		ug/L		100	78 - 123
Naphthalene	20.0	18.5		ug/L		93	40 - 150
n-Butylbenzene	20.0	20.8		ug/L		104	69 - 135
N-Propylbenzene	20.0	20.4		ug/L		102	74 - 129
o-Xylene	20.0	20.4		ug/L		102	78 - 122
sec-Butylbenzene	20.0	20.7		ug/L		104	73 - 129
tert-Butylbenzene	20.0	19.4		ug/L		97	72 - 124
Toluene	20.0	19.8		ug/L		99	78 - 119
Xylenes, Total	40.0	40.5		ug/L		101	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		75 - 123
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	91		77 - 124
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 460-238659-2 MS

Matrix: Water

Analysis Batch: 790464

Client Sample ID: MW-02\_20210712

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	0.37	U	20.0	21.2		ug/L		106	75 - 125
1,3,5-Trimethylbenzene	0.33	U	20.0	20.9		ug/L		105	75 - 125
4-Isopropyltoluene	2.1		20.0	22.6		ug/L		102	71 - 129
Benzene	2.5		20.0	22.9		ug/L		102	78 - 126

Eurofins TestAmerica, Edison

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-238659-2 MS

Matrix: Water

Analysis Batch: 790464

Client Sample ID: MW-02\_20210712

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	8.2		20.0	28.1		ug/L		100	78 - 120
Isopropylbenzene	0.76	J	20.0	21.9		ug/L		106	79 - 125
Methyl tert-butyl ether	0.22	U	20.0	19.5		ug/L		98	65 - 131
m-Xylene & p-Xylene	14		20.0	33.9		ug/L		99	78 - 123
Naphthalene	3.9		20.0	24.2		ug/L		102	40 - 150
n-Butylbenzene	0.32	U	20.0	21.7		ug/L		108	69 - 135
N-Propylbenzene	0.32	U	20.0	21.8		ug/L		109	74 - 129
o-Xylene	9.5		20.0	30.1		ug/L		103	78 - 122
sec-Butylbenzene	0.37	U	20.0	21.9		ug/L		109	73 - 129
tert-Butylbenzene	0.34	U	20.0	20.5		ug/L		103	72 - 124
Toluene	7.2		20.0	27.2		ug/L		100	78 - 119
Xylenes, Total	24		40.0	64.0		ug/L		101	78 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	79		75 - 123
4-Bromofluorobenzene	95		76 - 120
Dibromofluoromethane (Surr)	90		77 - 124
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 460-238659-2 MSD

Matrix: Water

Analysis Batch: 790464

Client Sample ID: MW-02\_20210712

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	0.37	U	20.0	22.0		ug/L		110	75 - 125	4	30
1,3,5-Trimethylbenzene	0.33	U	20.0	22.2		ug/L		111	75 - 125	6	30
4-Isopropyltoluene	2.1		20.0	23.9		ug/L		109	71 - 129	6	30
Benzene	2.5		20.0	23.9		ug/L		107	78 - 126	4	30
Ethylbenzene	8.2		20.0	29.4		ug/L		106	78 - 120	4	30
Isopropylbenzene	0.76	J	20.0	22.5		ug/L		109	79 - 125	3	30
Methyl tert-butyl ether	0.22	U	20.0	19.8		ug/L		99	65 - 131	1	30
m-Xylene & p-Xylene	14		20.0	35.2		ug/L		105	78 - 123	4	30
Naphthalene	3.9		20.0	24.8		ug/L		105	40 - 150	2	30
n-Butylbenzene	0.32	U	20.0	22.8		ug/L		114	69 - 135	5	30
N-Propylbenzene	0.32	U	20.0	22.6		ug/L		113	74 - 129	3	30
o-Xylene	9.5		20.0	31.1		ug/L		108	78 - 122	3	30
sec-Butylbenzene	0.37	U	20.0	23.0		ug/L		115	73 - 129	5	30
tert-Butylbenzene	0.34	U	20.0	21.9		ug/L		110	72 - 124	7	30
Toluene	7.2		20.0	28.3		ug/L		105	78 - 119	4	30
Xylenes, Total	24		40.0	66.2		ug/L		106	78 - 122	3	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		75 - 123
4-Bromofluorobenzene	94		76 - 120
Dibromofluoromethane (Surr)	89		77 - 124
Toluene-d8 (Surr)	98		80 - 120

# Definitions/Glossary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# QC Association Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

## GC/MS VOA

### Analysis Batch: 790298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-238659-4	TB_20210712	Total/NA	Water	8260D	
460-238659-5	FB_20210712	Total/NA	Water	8260D	
MB 460-790298/7	Method Blank	Total/NA	Water	8260D	
LCS 460-790298/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-790298/4	Lab Control Sample Dup	Total/NA	Water	8260D	

### Analysis Batch: 790464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-238659-1	MW-01_20210712	Total/NA	Water	8260D	
460-238659-2	MW-02_20210712	Total/NA	Water	8260D	
460-238659-3	MW-03_20210712	Total/NA	Water	8260D	
460-238659-6	MW-X_20210712	Total/NA	Water	8260D	
MB 460-790464/7	Method Blank	Total/NA	Water	8260D	
LCS 460-790464/3	Lab Control Sample	Total/NA	Water	8260D	
460-238659-2 MS	MW-02_20210712	Total/NA	Water	8260D	
460-238659-2 MSD	MW-02_20210712	Total/NA	Water	8260D	



# Lab Chronicle

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-238659-1

**Client Sample ID: MW-01\_20210712**

**Lab Sample ID: 460-238659-1**

**Date Collected: 07/12/21 10:55**

**Matrix: Water**

**Date Received: 07/12/21 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	790464	07/15/21 18:48	MZS	TAL EDI

**Client Sample ID: MW-02\_20210712**

**Lab Sample ID: 460-238659-2**

**Date Collected: 07/12/21 11:25**

**Matrix: Water**

**Date Received: 07/12/21 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	790464	07/15/21 18:05	MZS	TAL EDI

**Client Sample ID: MW-03\_20210712**

**Lab Sample ID: 460-238659-3**

**Date Collected: 07/12/21 13:00**

**Matrix: Water**

**Date Received: 07/12/21 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	790464	07/15/21 18:26	MZS	TAL EDI

**Client Sample ID: TB\_20210712**

**Lab Sample ID: 460-238659-4**

**Date Collected: 07/12/21 00:00**

**Matrix: Water**

**Date Received: 07/12/21 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	790298	07/15/21 02:12	MZS	TAL EDI

**Client Sample ID: FB\_20210712**

**Lab Sample ID: 460-238659-5**

**Date Collected: 07/12/21 10:45**

**Matrix: Water**

**Date Received: 07/12/21 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	790298	07/15/21 02:34	MZS	TAL EDI

**Client Sample ID: MW-X\_20210712**

**Lab Sample ID: 460-238659-6**

**Date Collected: 07/12/21 10:00**

**Matrix: Water**

**Date Received: 07/12/21 17:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	790464	07/15/21 19:10	MZS	TAL EDI

## Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

## Accreditation/Certification Summary

Client: AKRF Inc

Job ID: 460-238659-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

### Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

# 8260D

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Volatile Organic Compounds by GC/MS

FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 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 #
MW-01_20210712	460-238659-1	97	88	99	96
MW-02_20210712	460-238659-2	97	85	100	99
MW-03_20210712	460-238659-3	93	82	97	95
TB_20210712	460-238659-4	92	81	98	95
FB_20210712	460-238659-5	96	85	99	96
MW-X_20210712	460-238659-6	96	85	100	99
	MB 460-790298/7	92	85	100	99
	MB 460-790464/7	91	86	99	99
	LCS 460-790298/3	92	83	99	96
	LCS 460-790464/3	91	88	101	99
	LCSD 460-790298/4	94	84	99	97
MW-02_20210712 MS	460-238659-2 MS	90	79	96	95
MW-02_20210712 MSD	460-238659-2 MSD	89	80	98	94

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

# Column to be used to flag recovery values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: V04544.D  
 Lab ID: LCS 460-790298/3 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	20.9	104	75-125	
1,3,5-Trimethylbenzene	20.0	20.7	103	75-125	
4-Isopropyltoluene	20.0	20.3	101	71-129	
Benzene	20.0	20.8	104	78-126	
Ethylbenzene	20.0	21.1	105	78-120	
Isopropylbenzene	20.0	21.2	106	79-125	
Methyl tert-butyl ether	20.0	18.4	92	65-131	
m-Xylene & p-Xylene	20.0	21.4	107	78-123	
Naphthalene	20.0	19.5	97	40-150	
n-Butylbenzene	20.0	21.3	107	69-135	
N-Propylbenzene	20.0	21.4	107	74-129	
o-Xylene	20.0	21.6	108	78-122	
sec-Butylbenzene	20.0	21.8	109	73-129	
tert-Butylbenzene	20.0	20.8	104	72-124	
Toluene	20.0	20.9	105	78-119	
Xylenes, Total	40.0	43.0	108	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: V04566.D  
 Lab ID: LCS 460-790464/3 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	20.1	100	75-125	
1,3,5-Trimethylbenzene	20.0	20.0	100	75-125	
4-Isopropyltoluene	20.0	19.8	99	71-129	
Benzene	20.0	20.3	101	78-126	
Ethylbenzene	20.0	20.4	102	78-120	
Isopropylbenzene	20.0	20.3	102	79-125	
Methyl tert-butyl ether	20.0	18.3	91	65-131	
m-Xylene & p-Xylene	20.0	20.1	100	78-123	
Naphthalene	20.0	18.5	93	40-150	
n-Butylbenzene	20.0	20.8	104	69-135	
N-Propylbenzene	20.0	20.4	102	74-129	
o-Xylene	20.0	20.4	102	78-122	
sec-Butylbenzene	20.0	20.7	104	73-129	
tert-Butylbenzene	20.0	19.4	97	72-124	
Toluene	20.0	19.8	99	78-119	
Xylenes, Total	40.0	40.5	101	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: V04545.D  
 Lab ID: LCSD 460-790298/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4-Trimethylbenzene	20.0	20.7	103	1	30	75-125	
1,3,5-Trimethylbenzene	20.0	20.6	103	1	30	75-125	
4-Isopropyltoluene	20.0	19.7	99	3	30	71-129	
Benzene	20.0	19.7	99	5	30	78-126	
Ethylbenzene	20.0	19.5	98	8	30	78-120	
Isopropylbenzene	20.0	19.5	98	8	30	79-125	
Methyl tert-butyl ether	20.0	17.9	90	3	30	65-131	
m-Xylene & p-Xylene	20.0	19.8	99	8	30	78-123	
Naphthalene	20.0	19.2	96	1	30	40-150	
n-Butylbenzene	20.0	20.6	103	3	30	69-135	
N-Propylbenzene	20.0	20.7	104	3	30	74-129	
o-Xylene	20.0	19.5	97	10	30	78-122	
sec-Butylbenzene	20.0	21.3	106	3	30	73-129	
tert-Butylbenzene	20.0	19.8	99	5	30	72-124	
Toluene	20.0	19.3	96	8	30	78-119	
Xylenes, Total	40.0	39.3	98	9	30	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: V04577.D

Lab ID: 460-238659-2 MS

Client ID: MW-02\_20210712 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	0.37 U	21.2	106	75-125	
1,3,5-Trimethylbenzene	20.0	0.33 U	20.9	105	75-125	
4-Isopropyltoluene	20.0	2.1	22.6	102	71-129	
Benzene	20.0	2.5	22.9	102	78-126	
Ethylbenzene	20.0	8.2	28.1	100	78-120	
Isopropylbenzene	20.0	0.76 J	21.9	106	79-125	
Methyl tert-butyl ether	20.0	0.22 U	19.5	98	65-131	
m-Xylene & p-Xylene	20.0	14	33.9	99	78-123	
Naphthalene	20.0	3.9	24.2	102	40-150	
n-Butylbenzene	20.0	0.32 U	21.7	108	69-135	
N-Propylbenzene	20.0	0.32 U	21.8	109	74-129	
o-Xylene	20.0	9.5	30.1	103	78-122	
sec-Butylbenzene	20.0	0.37 U	21.9	109	73-129	
tert-Butylbenzene	20.0	0.34 U	20.5	103	72-124	
Toluene	20.0	7.2	27.2	100	78-119	
Xylenes, Total	40.0	24	64.0	101	78-122	

# Column to be used to flag recovery and RPD values



FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: V04578.D

Lab ID: 460-238659-2 MSD

Client ID: MW-02\_20210712 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4-Trimethylbenzene	20.0	22.0	110	4	30	75-125	
1,3,5-Trimethylbenzene	20.0	22.2	111	6	30	75-125	
4-Isopropyltoluene	20.0	23.9	109	6	30	71-129	
Benzene	20.0	23.9	107	4	30	78-126	
Ethylbenzene	20.0	29.4	106	4	30	78-120	
Isopropylbenzene	20.0	22.5	109	3	30	79-125	
Methyl tert-butyl ether	20.0	19.8	99	1	30	65-131	
m-Xylene & p-Xylene	20.0	35.2	105	4	30	78-123	
Naphthalene	20.0	24.8	105	2	30	40-150	
n-Butylbenzene	20.0	22.8	114	5	30	69-135	
N-Propylbenzene	20.0	22.6	113	3	30	74-129	
o-Xylene	20.0	31.1	108	3	30	78-122	
sec-Butylbenzene	20.0	23.0	115	5	30	73-129	
tert-Butylbenzene	20.0	21.9	110	7	30	72-124	
Toluene	20.0	28.3	105	4	30	78-119	
Xylenes, Total	40.0	66.2	106	3	30	78-122	

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
SDG No.: \_\_\_\_\_  
Lab File ID: V04548.D Lab Sample ID: MB 460-790298/7  
Matrix: Water Heated Purge: (Y/N) N  
Instrument ID: CVOAMS7 Date Analyzed: 07/15/2021 00:24  
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 460-790298/3	V04544.D	07/14/2021 22:57
	LCSD 460-790298/4	V04545.D	07/14/2021 23:19
TB_20210712	460-238659-4	V04553.D	07/15/2021 02:12
FB_20210712	460-238659-5	V04554.D	07/15/2021 02:34

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
SDG No.: \_\_\_\_\_  
Lab File ID: V04570.D Lab Sample ID: MB 460-790464/7  
Matrix: Water Heated Purge: (Y/N) N  
Instrument ID: CVOAMS7 Date Analyzed: 07/15/2021 12:39  
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 460-790464/3	V04566.D	07/15/2021 11:12
MW-02_20210712 MS	460-238659-2 MS	V04577.D	07/15/2021 15:11
MW-02_20210712 MSD	460-238659-2 MSD	V04578.D	07/15/2021 15:33
MW-02_20210712	460-238659-2	V04585.D	07/15/2021 18:05
MW-03_20210712	460-238659-3	V04586.D	07/15/2021 18:26
MW-01_20210712	460-238659-1	V04587.D	07/15/2021 18:48
MW-X_20210712	460-238659-6	V04588.D	07/15/2021 19:10

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: V02677.D BFB Injection Date: 06/04/2021  
 Instrument ID: CVOAMS7 BFB Injection Time: 11:40  
 Analysis Batch No.: 782268

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	160.2
96	5 - 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	62.4
175	5 - 9% of m/z 174	7.6
176	95 -105% of m/z 174	95.8
177	5 - 10% of m/z 176	6.4

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 460-782268/4	V02680.D	06/04/2021	12:47
	STD1 460-782268/5	V02681.D	06/04/2021	13:10
	STD5 460-782268/6	V02682.D	06/04/2021	13:33
	STD20 460-782268/7	V02683.D	06/04/2021	13:56
	STD50 460-782268/8	V02684.D	06/04/2021	14:18
	STD200 460-782268/9	V02685.D	06/04/2021	14:41
	STD500 460-782268/10	V02686.D	06/04/2021	15:04
	ICV 460-782268/14	V02690.D	06/04/2021	16:35

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-782268/7 Date Analyzed: 06/04/2021 13:56  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V02683.D Heated Purge: (Y/N) N  
 Calibration ID: 85877

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	37252	2.67	230085	3.64	424597	4.72	
UPPER LIMIT	74504	3.17	460170	4.14	849194	5.22	
LOWER LIMIT	18626	2.17	115043	3.14	212299	4.22	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-782268/14		43081	2.67	251652	3.64	455190	4.72

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-782268/7 Date Analyzed: 06/04/2021 13:56  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V02683.D Heated Purge: (Y/N) N  
 Calibration ID: 85877

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	25391	5.46	337368	8.39	161221	10.63
UPPER LIMIT	50782	5.96	674736	8.89	322442	11.13
LOWER LIMIT	12696	4.96	168684	7.89	80611	10.13
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-782268/14		28494	5.46	363538	8.39	175250
						10.63

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-790298/2 Date Analyzed: 07/14/2021 22:36  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V04543.D Heated Purge: (Y/N) N  
 Calibration ID: 85877

		TBAd9		BUT		FB		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		35132	2.66	208206	3.63	489963	4.72	
UPPER LIMIT		70264	3.16	416412	4.13	979926	5.22	
LOWER LIMIT		17566	2.16	104103	3.13	244982	4.22	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-790298/3		34165	2.66	205084	3.63	481583	4.72	
LCSD 460-790298/4		41893	2.66	257749	3.63	515286	4.72	
MB 460-790298/7		34207	2.66	207455	3.63	486953	4.72	
460-238659-4		TB_20210712	28822	2.66	185979	3.63	455921	4.72
460-238659-5		FB_20210712	30122	2.66	197199	3.63	454244	4.72

TBAd9 = 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-790298/2 Date Analyzed: 07/14/2021 22:36  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V04543.D Heated Purge: (Y/N) N  
 Calibration ID: 85877

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		26718	5.44	380822	8.37	175285	10.61
UPPER LIMIT		53436	5.94	761644	8.87	350570	11.11
LOWER LIMIT		13359	4.94	190411	7.87	87643	10.11
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-790298/3		27377	5.45	363550	8.37	167471	10.61
LCSD 460-790298/4		30308	5.45	394242	8.37	173756	10.61
MB 460-790298/7		24045	5.44	362549	8.37	169217	10.61
460-238659-4	TB_20210712	21362	5.44	342758	8.37	155662	10.61
460-238659-5	FB_20210712	23743	5.44	354320	8.37	162043	10.61

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-790464/2 Date Analyzed: 07/15/2021 10:50  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V04565.D Heated Purge: (Y/N) N  
 Calibration ID: 85877

	TBA-d9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	38045	2.66	242717	3.63	498426	4.72	
UPPER LIMIT	76090	3.16	485434	4.13	996852	5.22	
LOWER LIMIT	19023	2.16	121359	3.13	249213	4.22	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-790464/3		43112	2.66	269494	3.63	507907	4.72
MB 460-790464/7		37447	2.66	233210	3.63	495061	4.72
460-238659-2 MS	MW-02_20210712 MS	38213	2.66	226985	3.63	466122	4.72
460-238659-2 MSD	MW-02_20210712 MSD	38668	2.66	219482	3.64	474182	4.72
460-238659-2	MW-02_20210712	34466	2.66	200004	3.63	437948	4.72
460-238659-3	MW-03_20210712	35515	2.66	207721	3.64	457744	4.72
460-238659-1	MW-01_20210712	39092	2.66	229594	3.63	466708	4.72
460-238659-6	MW-X_20210712	33666	2.66	208099	3.64	460661	4.72

TBA-d9 = 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-790464/2 Date Analyzed: 07/15/2021 10:50  
 Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): V04565.D Heated Purge: (Y/N) N  
 Calibration ID: 85877

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27129	5.45	382357	8.37	180070	10.61
UPPER LIMIT		54258	5.95	764714	8.87	360140	11.11
LOWER LIMIT		13565	4.95	191179	7.87	90035	10.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-790464/3		32525	5.45	385755	8.37	179678	10.61
MB 460-790464/7		27528	5.44	376774	8.37	170755	10.61
460-238659-2 MS	MW-02_20210712 MS	28816	5.44	358654	8.37	164600	10.61
460-238659-2 MSD	MW-02_20210712 MSD	28633	5.45	364495	8.37	166217	10.61
460-238659-2	MW-02_20210712	26070	5.44	338064	8.37	155460	10.61
460-238659-3	MW-03_20210712	26294	5.44	353464	8.37	159403	10.61
460-238659-1	MW-01_20210712	26149	5.44	367839	8.37	172175	10.61
460-238659-6	MW-X_20210712	27547	5.45	354794	8.37	160345	10.61

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20210712 Lab Sample ID: 460-238659-1  
 Matrix: Water Lab File ID: V04587.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 10:55  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 18:48  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.60	J	1.0	0.30
98-82-8	Isopropylbenzene	0.35	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	1.5		1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.87	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.57	J	1.0	0.38
1330-20-7	Xylenes, Total	2.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04587.D  
 Lims ID: 460-238659-A-1  
 Client ID: MW-01\_20210712  
 Sample Type: Client  
 Inject. Date: 15-Jul-2021 18:48:30 ALS Bottle#: 23 Worklist Smp#: 24  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-238659-A-1  
 Misc. Info.: 460-0131858-024  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jul-2021 08:58:06 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: starzecm

Date: 16-Jul-2021 08:58:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	39092	1000.0	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	98	229594	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	143777	48.4	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	94	136261	43.8	
* 67 Fluorobenzene	96	4.717	4.716	0.000	100	466708	50.0	
* 68 1,4-Dioxane-d8	96	5.437	5.448	-0.011	89	26149	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	98	689416	49.7	
83 Toluene	91	6.557	6.557	0.001	94	13275	0.5702	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	85	367839	50.0	
97 Ethylbenzene	106	8.500	8.500	0.000	97	4647	0.6030	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	95	13510	1.46	
100 o-Xylene	106	9.060	9.060	0.000	95	7691	0.8725	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	8012	0.3510	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	151570	48.2	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	96	5940	0.3025	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	172175	50.0	
134 Naphthalene	128	12.317	12.317	0.000	97	7393	0.4376	
S 137 Xylenes, Total	100				0		2.33	

## QC Flag Legend

Processing Flags

## Reagents:

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00218

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04587.D

Injection Date: 15-Jul-2021 18:48:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-1

Lab Sample ID: 460-238659-1

Client ID: MW-01\_20210712

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

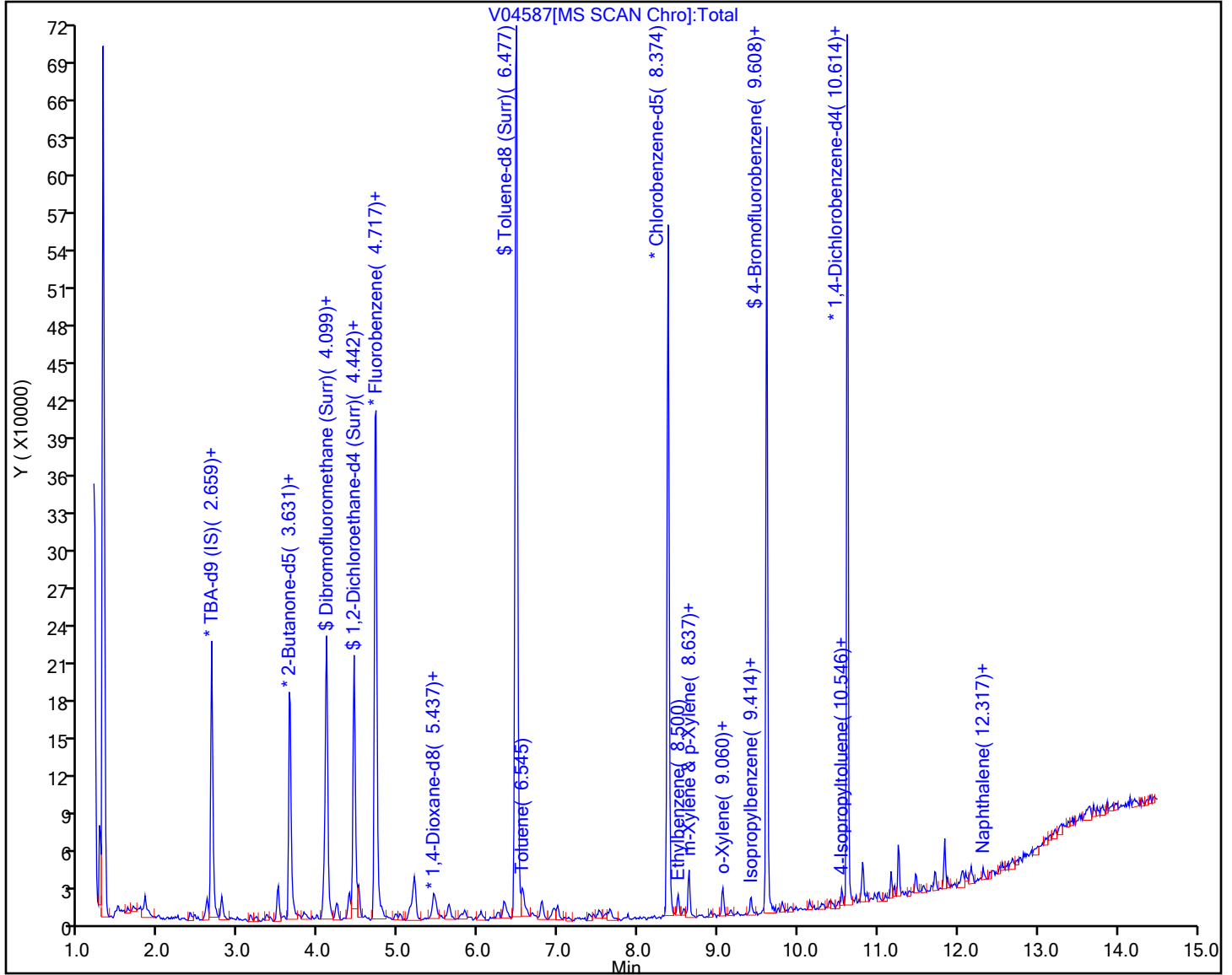
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04587.D

Injection Date: 15-Jul-2021 18:48:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-1

Lab Sample ID: 460-238659-1

Client ID: MW-01\_20210712

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

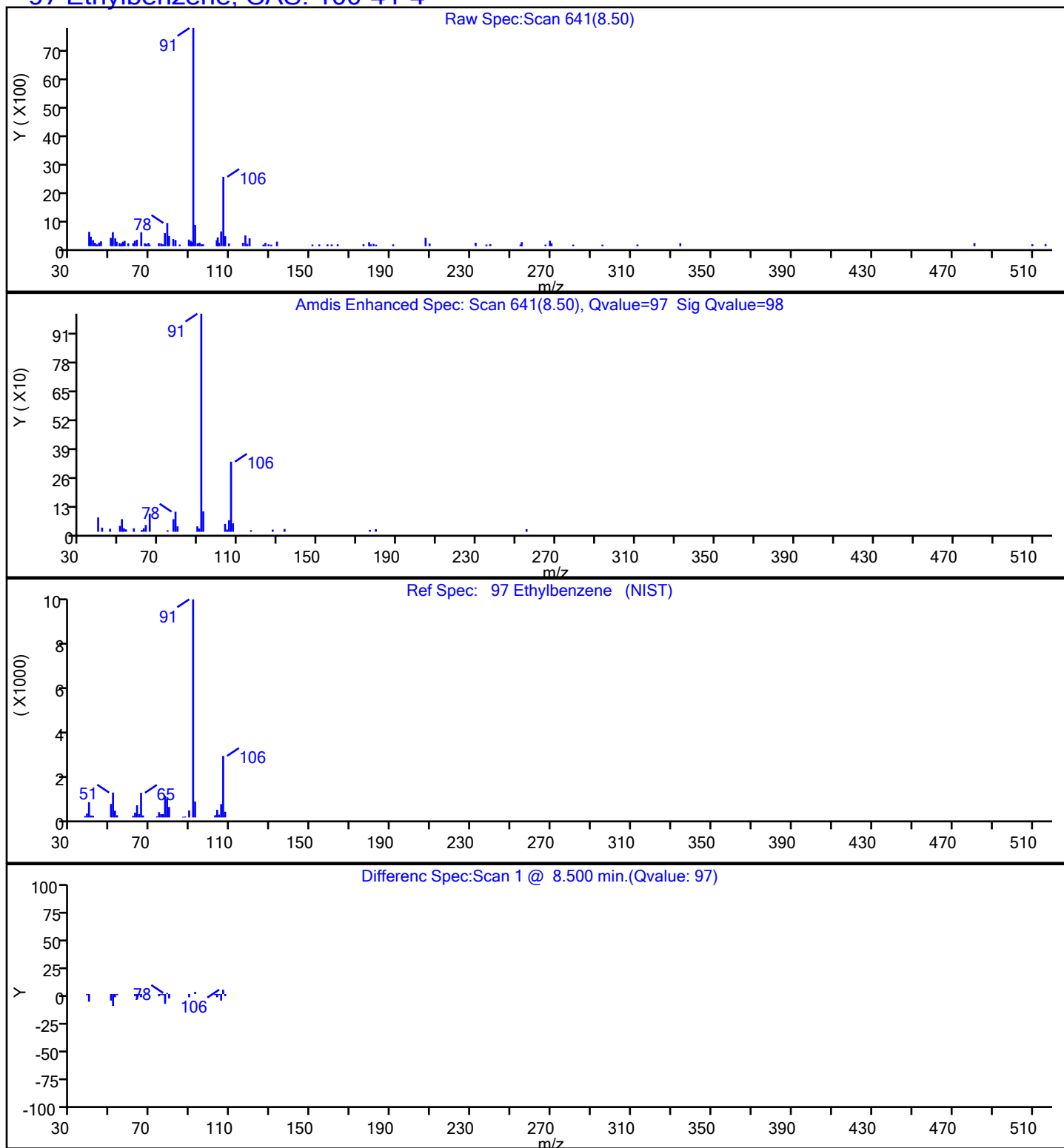
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**97 Ethylbenzene, CAS: 100-41-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04587.D

Injection Date: 15-Jul-2021 18:48:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-1

Lab Sample ID: 460-238659-1

Client ID: MW-01\_20210712

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

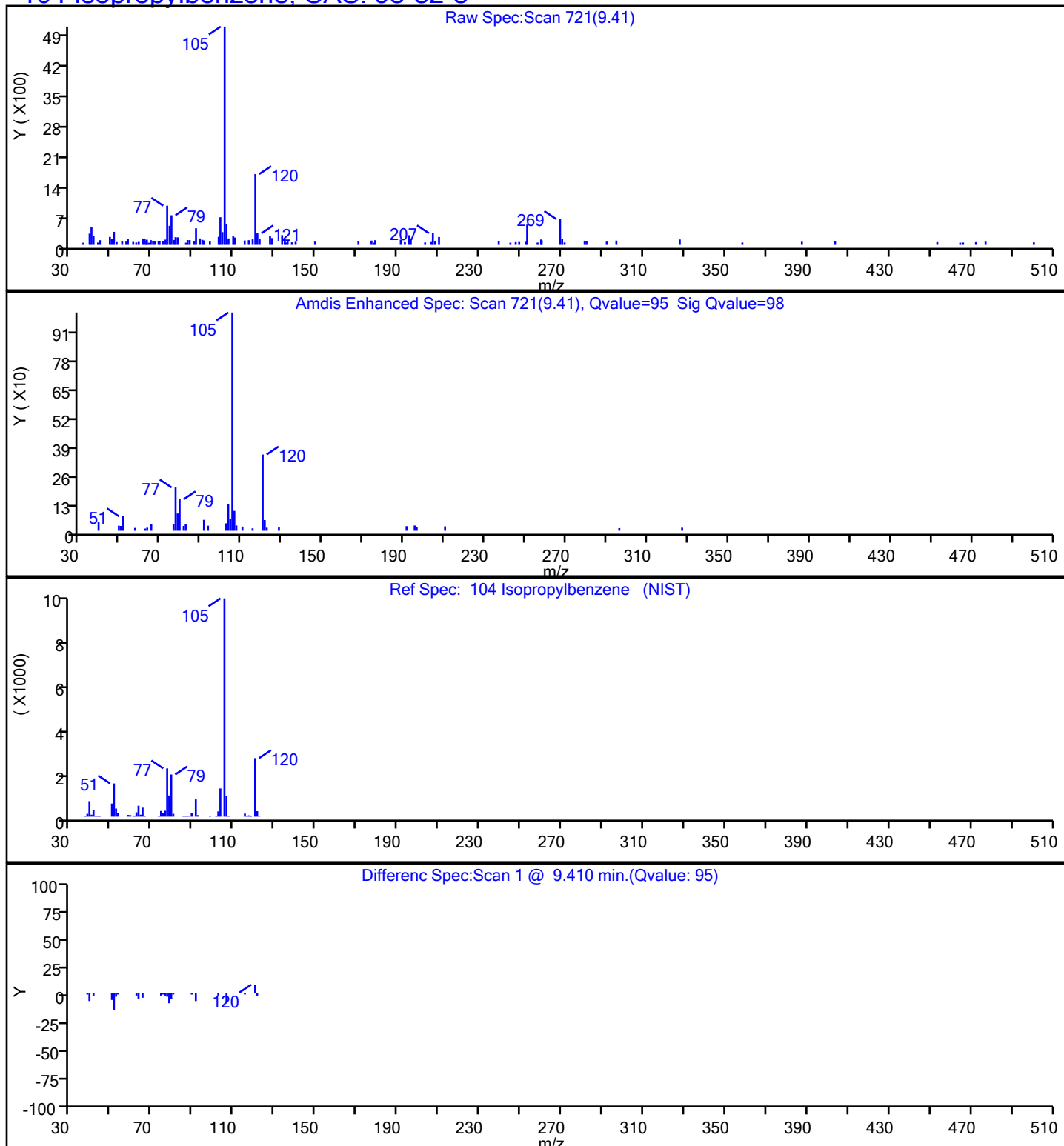
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04587.D

Injection Date: 15-Jul-2021 18:48:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-1

Lab Sample ID: 460-238659-1

Client ID: MW-01\_20210712

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

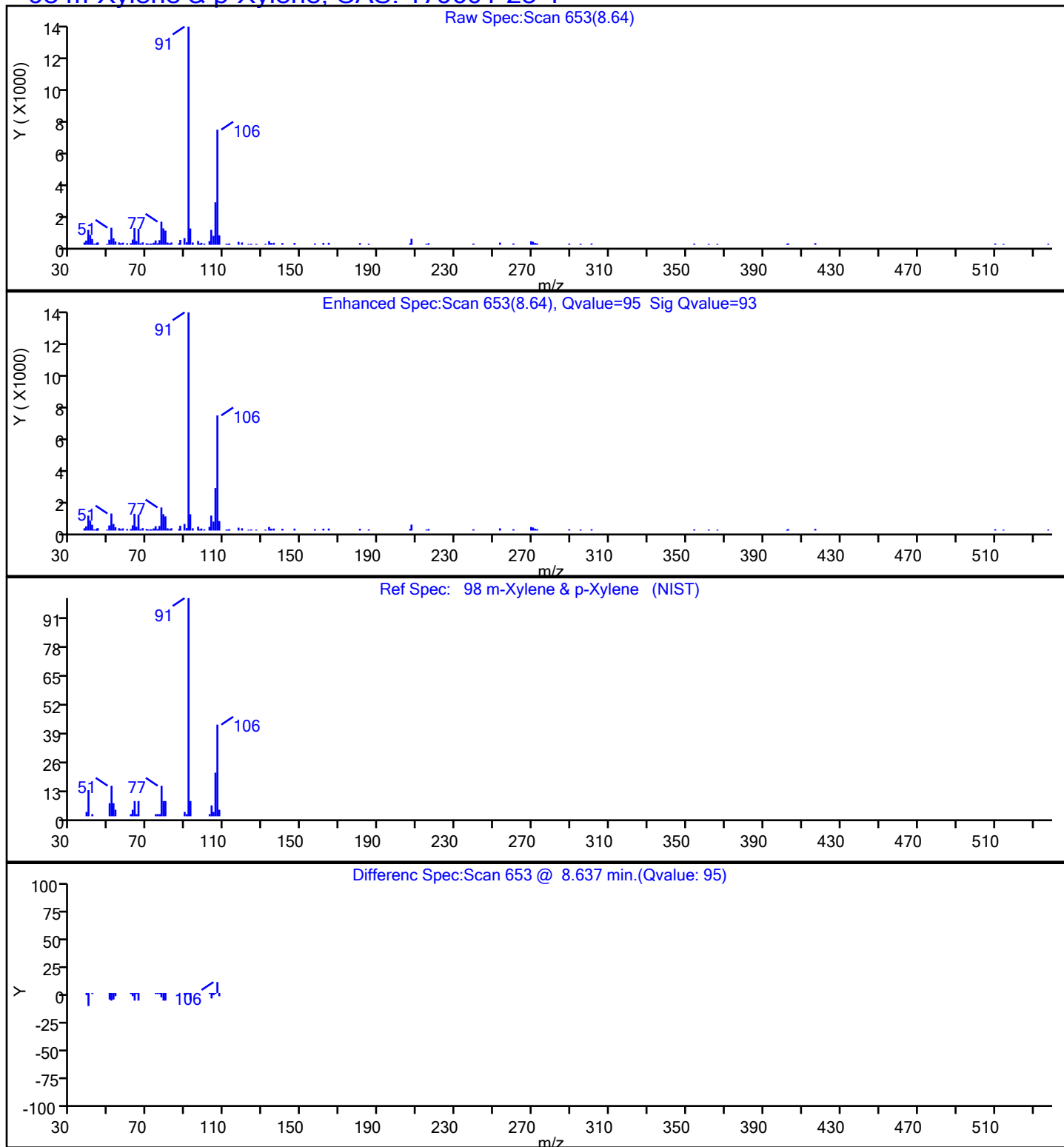
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04587.D

Injection Date: 15-Jul-2021 18:48:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-1

Lab Sample ID: 460-238659-1

Client ID: MW-01\_20210712

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

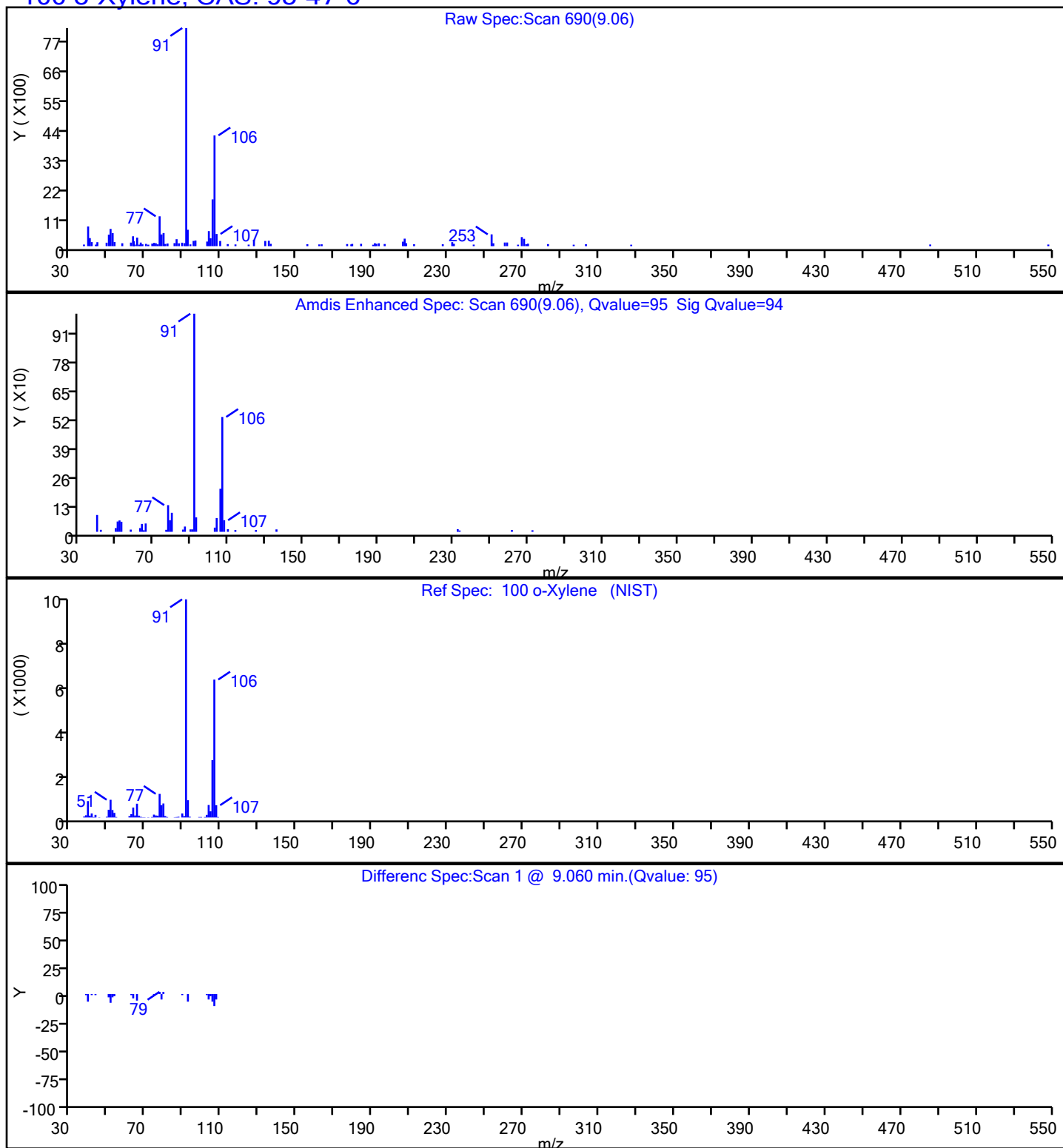
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04587.D

Injection Date: 15-Jul-2021 18:48:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-1

Lab Sample ID: 460-238659-1

Client ID: MW-01\_20210712

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

24

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

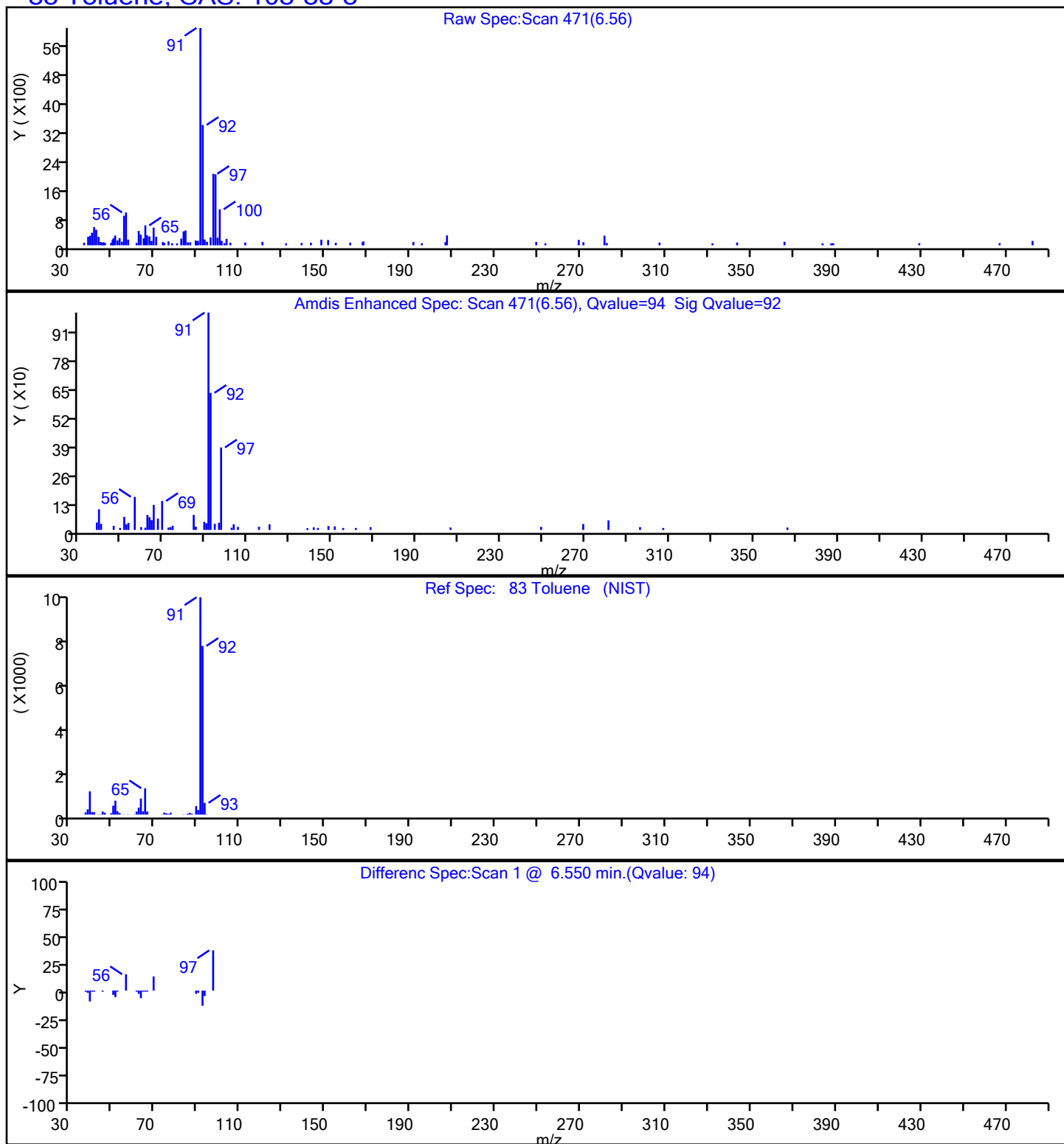
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**83 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04587.D

Injection Date: 15-Jul-2021 18:48:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-1

Lab Sample ID: 460-238659-1

Client ID: MW-01\_20210712

Operator ID:

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

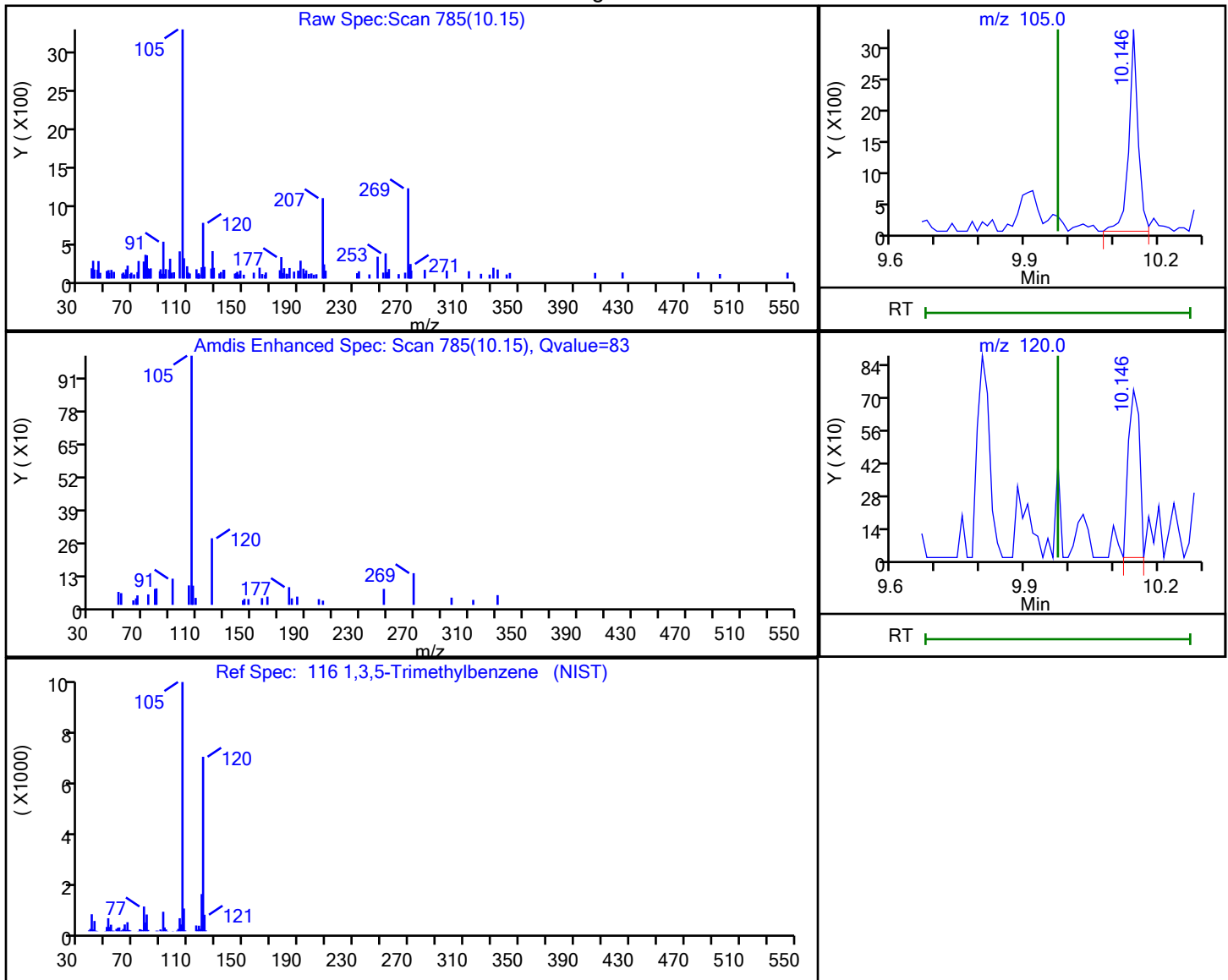
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 116 1,3,5-Trimethylbenzene, CAS: 108-67-8

## Processing Results



RT	Mass	Response	Amount
10.15	105.00	4735	0.255769
10.15	120.00	1273	

Reviewer: starzecm, 16-Jul-2021 08:57:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20210712 Lab Sample ID: 460-238659-2  
 Matrix: Water Lab File ID: V04585.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 11:25  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 18:05  
 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	2.1		1.0	0.37
71-43-2	Benzene	2.5		1.0	0.20
100-41-4	Ethylbenzene	8.2		1.0	0.30
98-82-8	Isopropylbenzene	0.76	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	14		1.0	0.30
91-20-3	Naphthalene	3.9		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	9.5		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	7.2		1.0	0.38
1330-20-7	Xylenes, Total	24		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04585.D  
 Lims ID: 460-238659-A-2  
 Client ID: MW-02\_20210712  
 Sample Type: Client  
 Inject. Date: 15-Jul-2021 18:05:30 ALS Bottle#: 21 Worklist Smp#: 22  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-238659-A-2  
 Misc. Info.: 460-0131858-022  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jul-2021 13:56:58 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1643

First Level Reviewer: starzecm

Date: 16-Jul-2021 08:56:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.459	1.459	0.000	96	11161	1.81	
23 Acetone	43	2.385	2.385	0.000	93	9150	7.35	
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	34466	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	29	1860	0.3743	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	97	200004	250.0	
50 Tetrahydrofuran	72	3.894	3.893	0.001	84	9577	13.4	
53 Cyclohexane	84	4.076	4.076	0.000	85	11024	1.29	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	97	135868	48.7	
64 Isooctane	57	4.385	4.385	0.000	98	6324	0.4272	
59 Benzene	78	4.419	4.419	0.000	93	50749	2.50	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	94	123696	42.4	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	437948	50.0	
72 Methylcyclohexane	83	5.197	5.196	0.000	88	5307	0.5834	
* 68 1,4-Dioxane-d8	96	5.437	5.448	-0.011	87	26070	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	99	636173	49.9	
83 Toluene	91	6.557	6.557	0.001	93	154924	7.24	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	338064	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	92	6148	0.4841	
97 Ethylbenzene	106	8.500	8.500	0.000	97	57986	8.19	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	94	120822	14.2	
100 o-Xylene	106	9.060	9.060	0.000	96	77056	9.51	
101 Styrene	104	9.094	9.094	0.000	75	1907	0.1379	7a
104 Isopropylbenzene	105	9.414	9.414	0.000	95	15907	0.7583	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	143269	49.6	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	98	37213	2.10	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	155460	50.0	
123 1,2,3-Trimethylbenzene	105	10.648	10.648	0.000	62	2529	0.1484	
111 2,3-Dihydroindene	117	10.808	10.808	0.000	93	60223	3.60	
126 p-Diethylbenzene	119	10.866	10.866	0.000	86	2425	0.2697	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	14308	0.99	
134 Naphthalene	128	12.317	12.317	0.000	99	58905	3.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
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S 137 Xylenes, Total

100

0

23.7

S 139 Total BTEX

1

0

41.6

### QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

### Reagents:

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00218

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 22

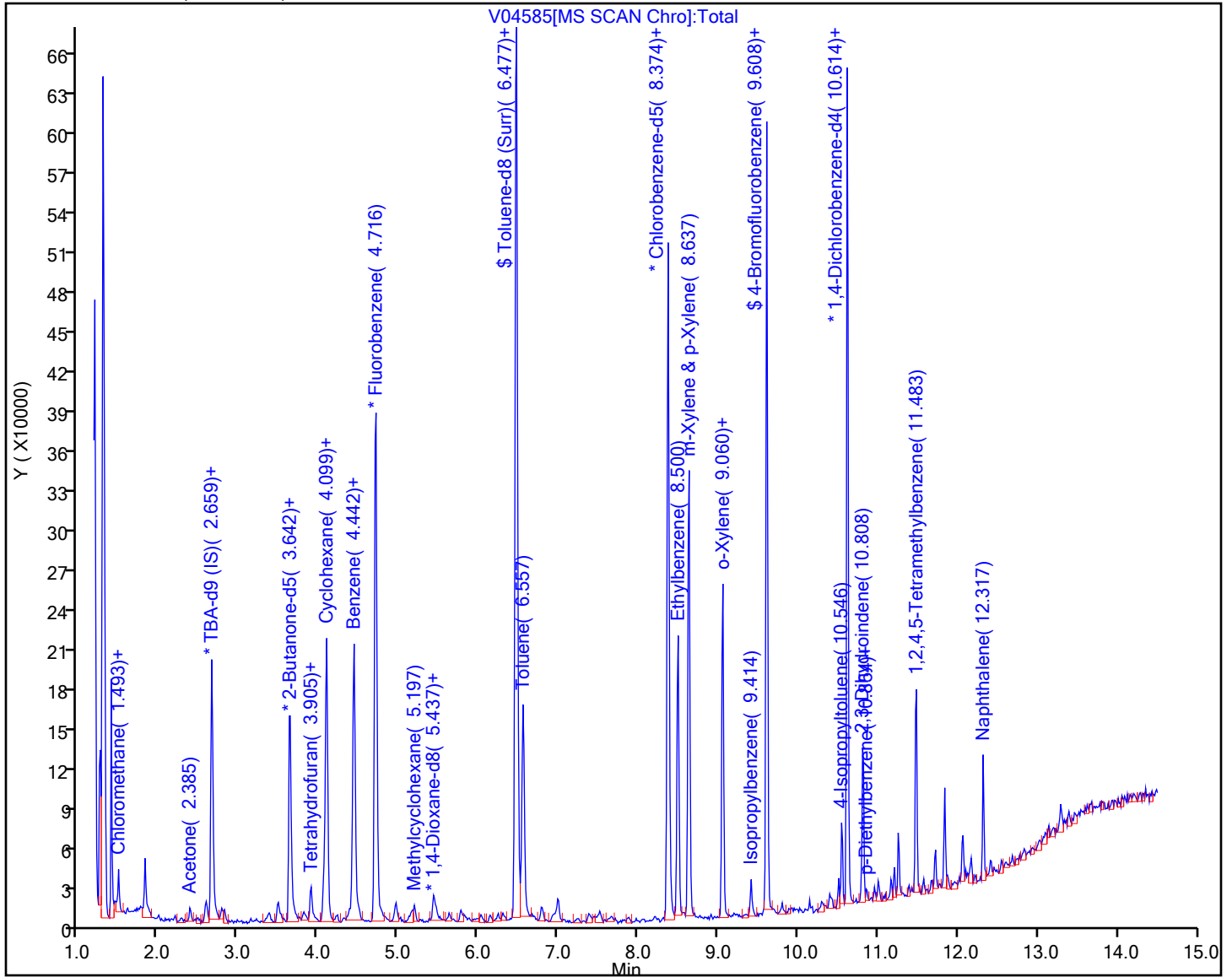
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

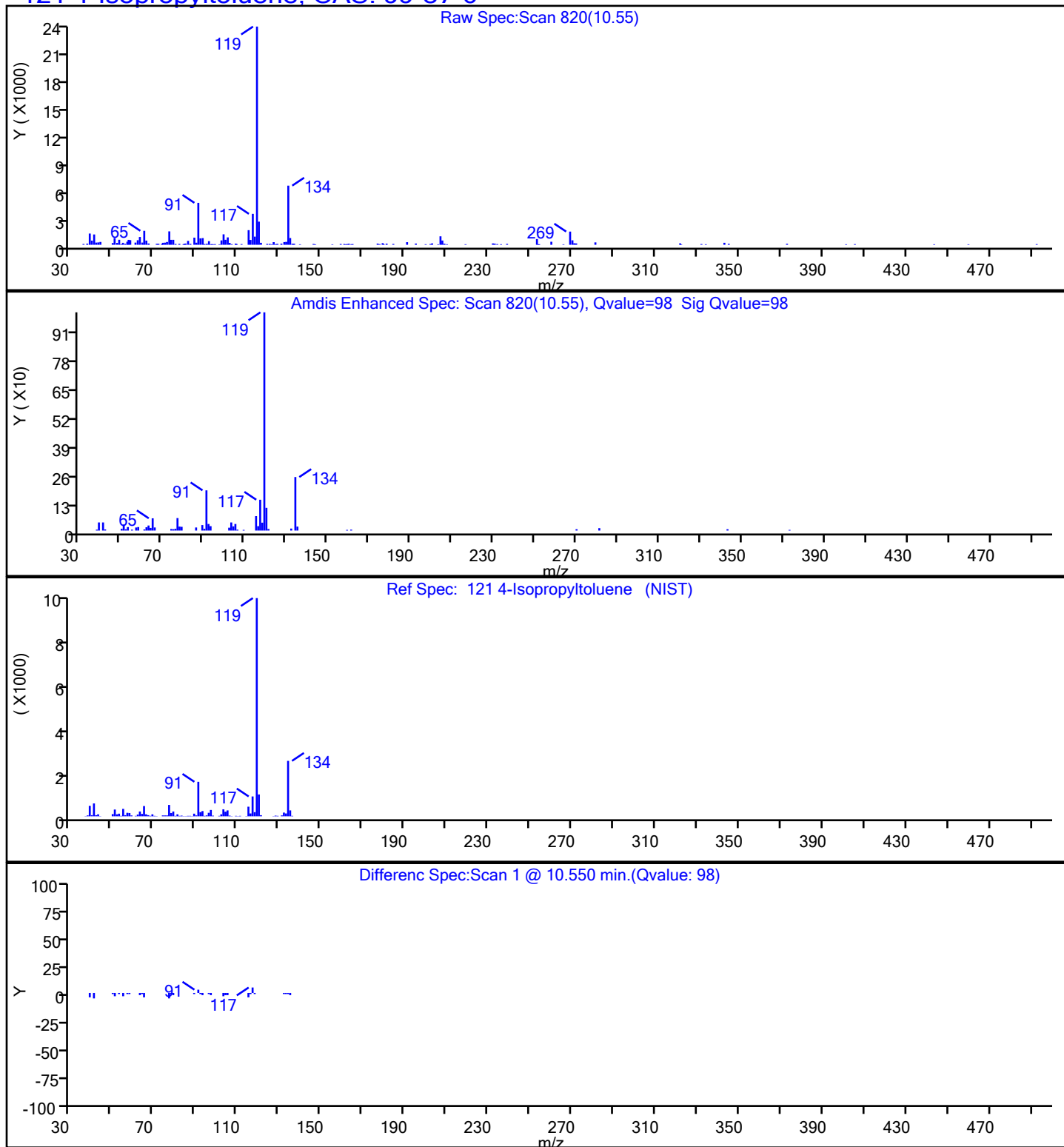
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**121 4-Isopropyltoluene, CAS: 99-87-6**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 5.000 mL

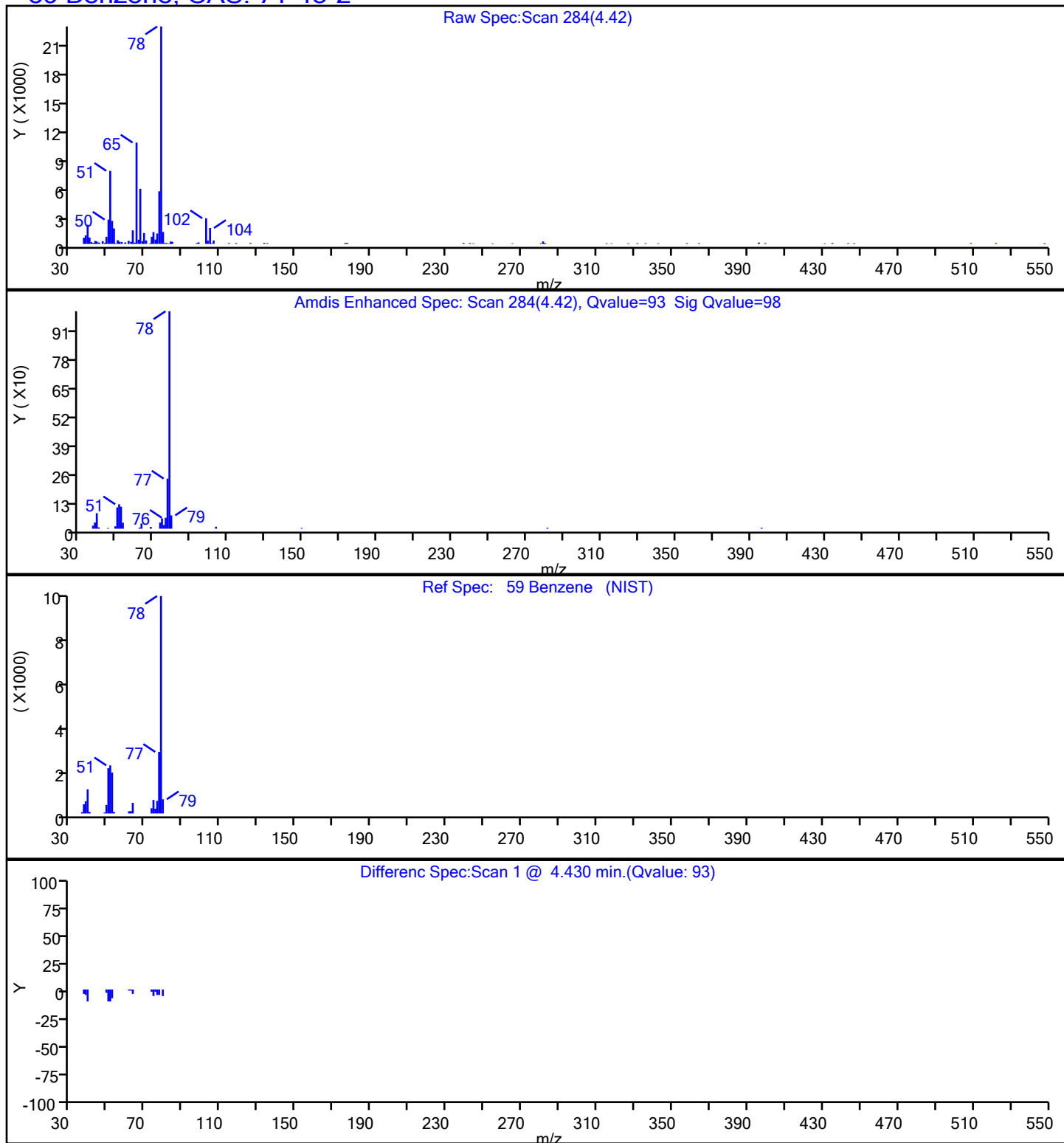
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**59 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

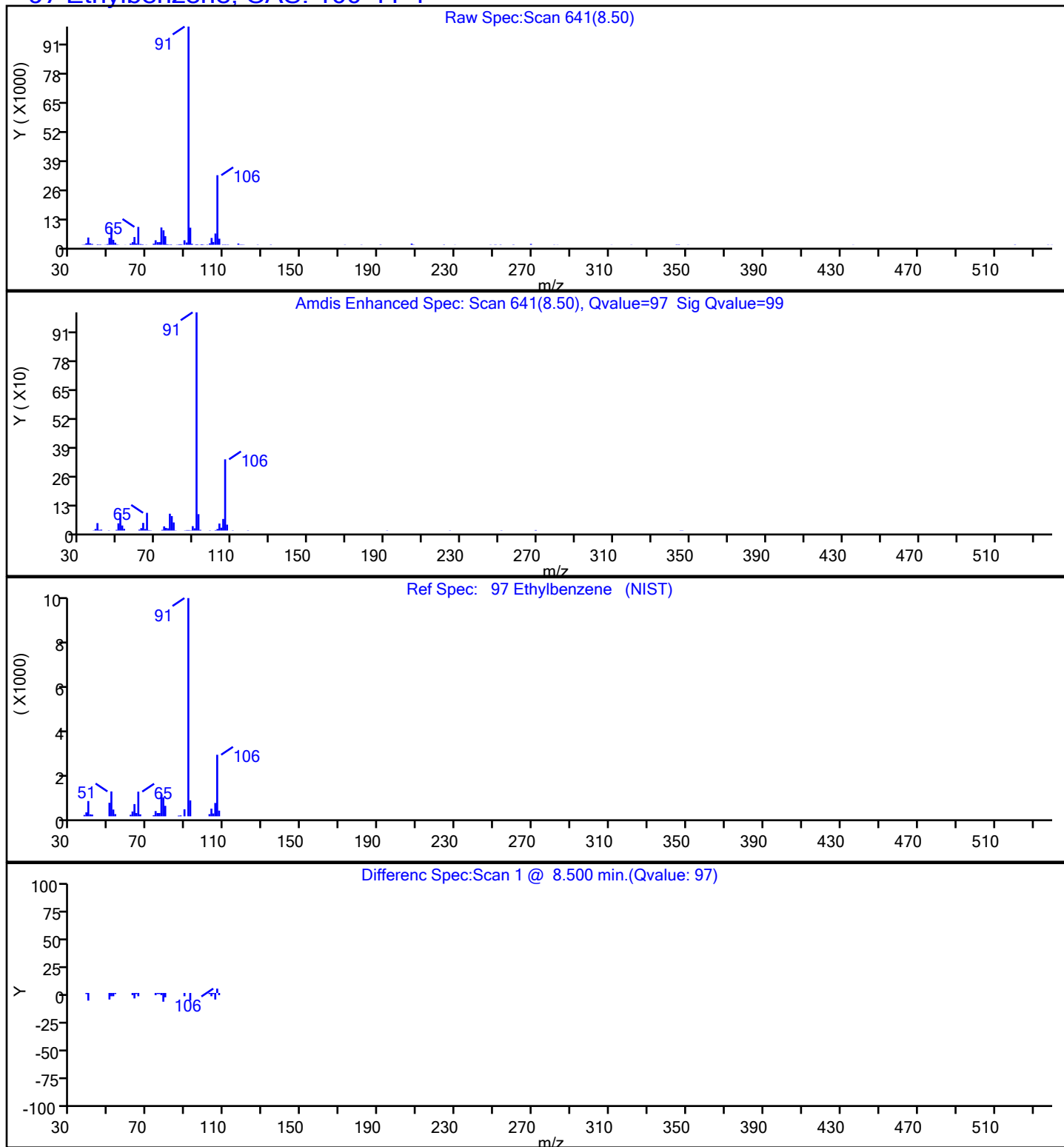
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**97 Ethylbenzene, CAS: 100-41-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

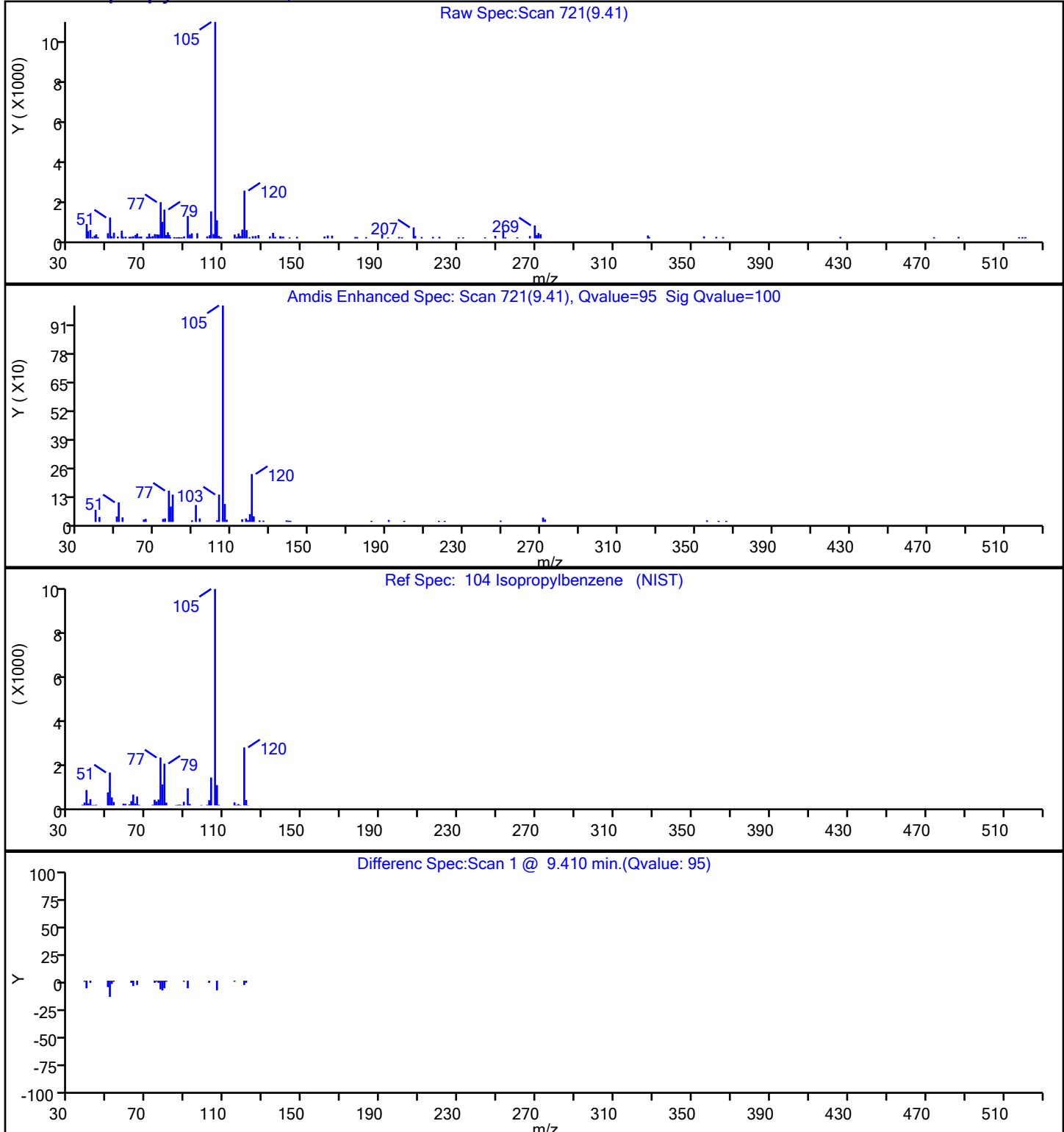
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

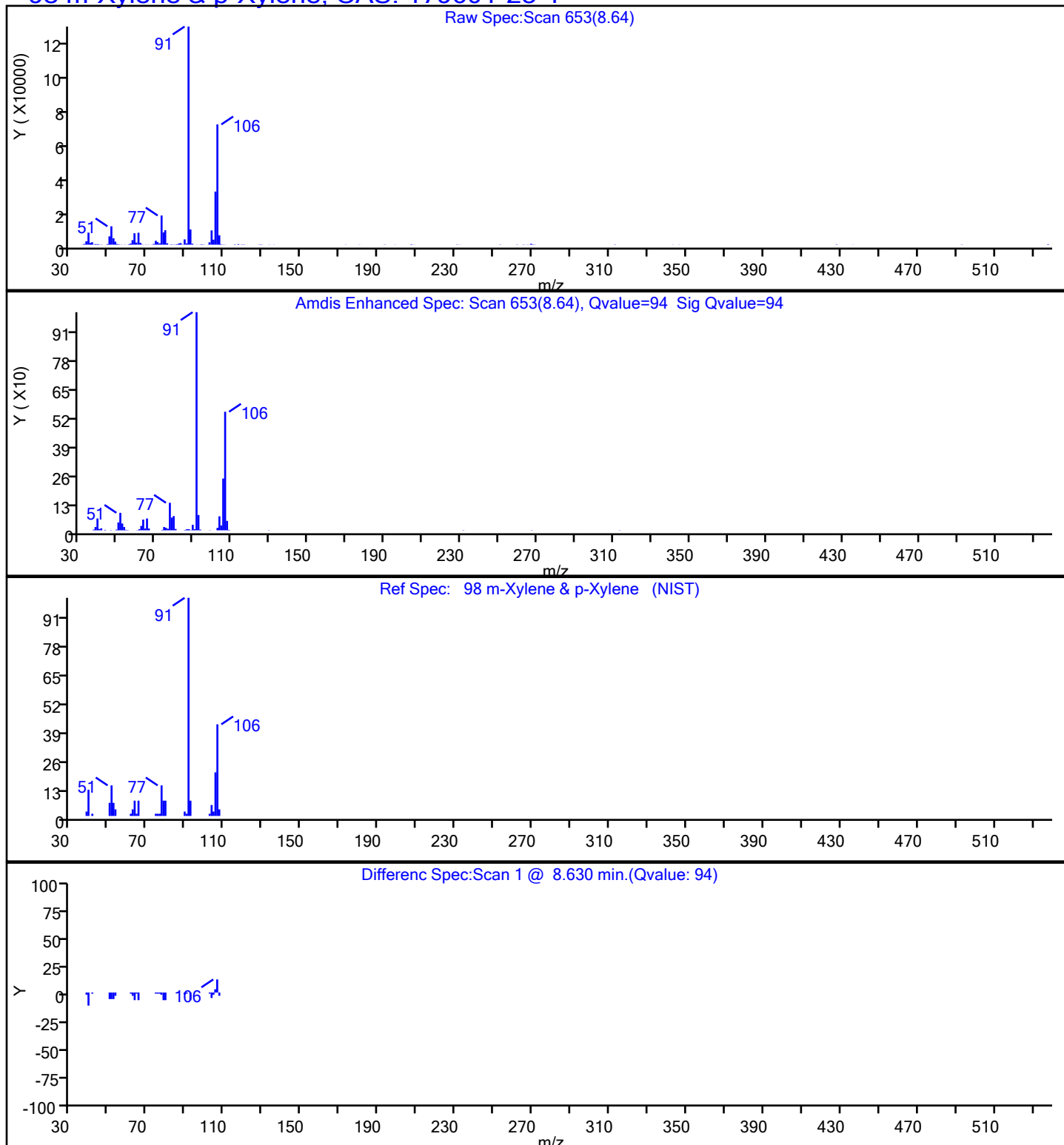
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 5.000 mL

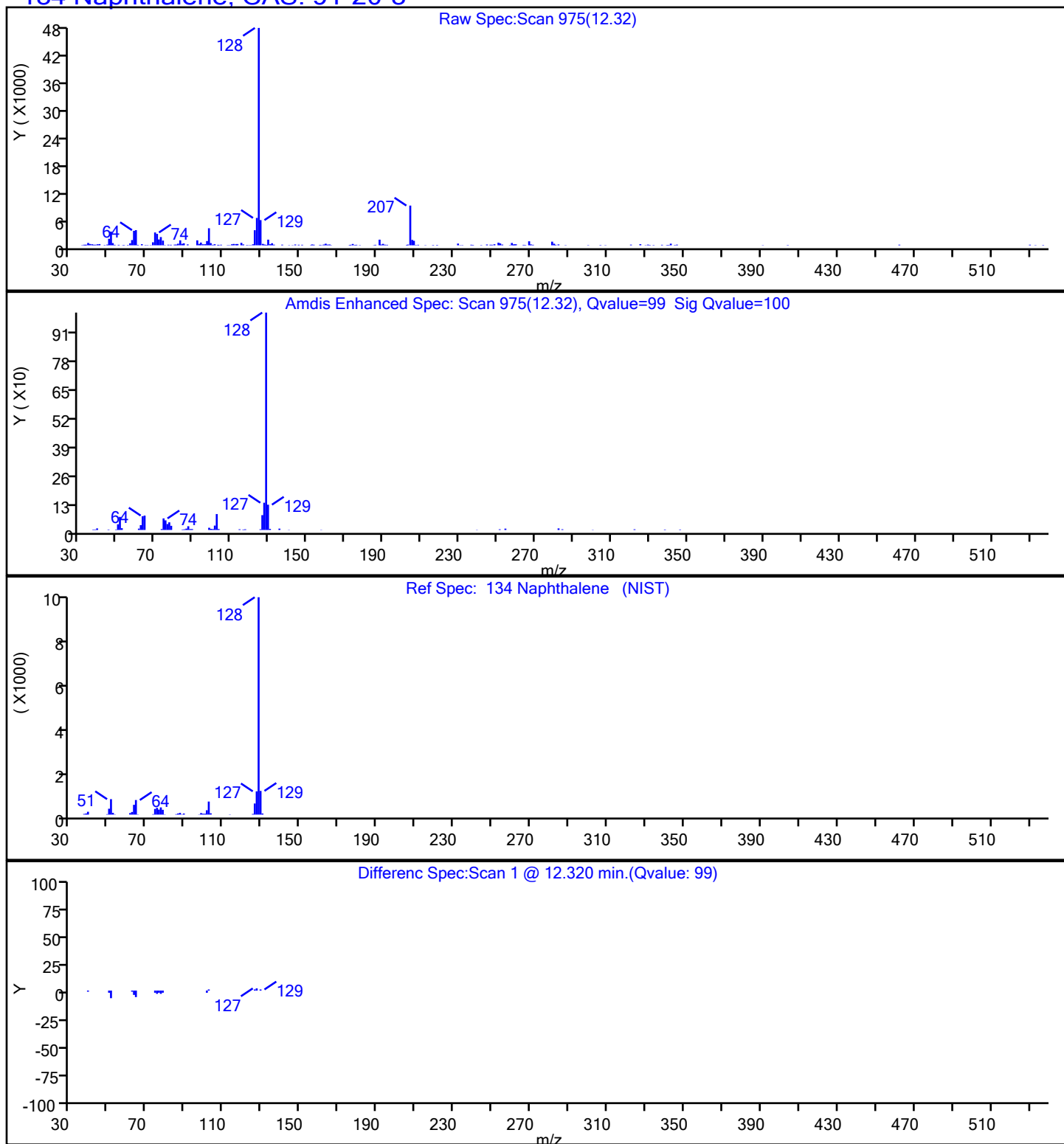
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 5.000 mL

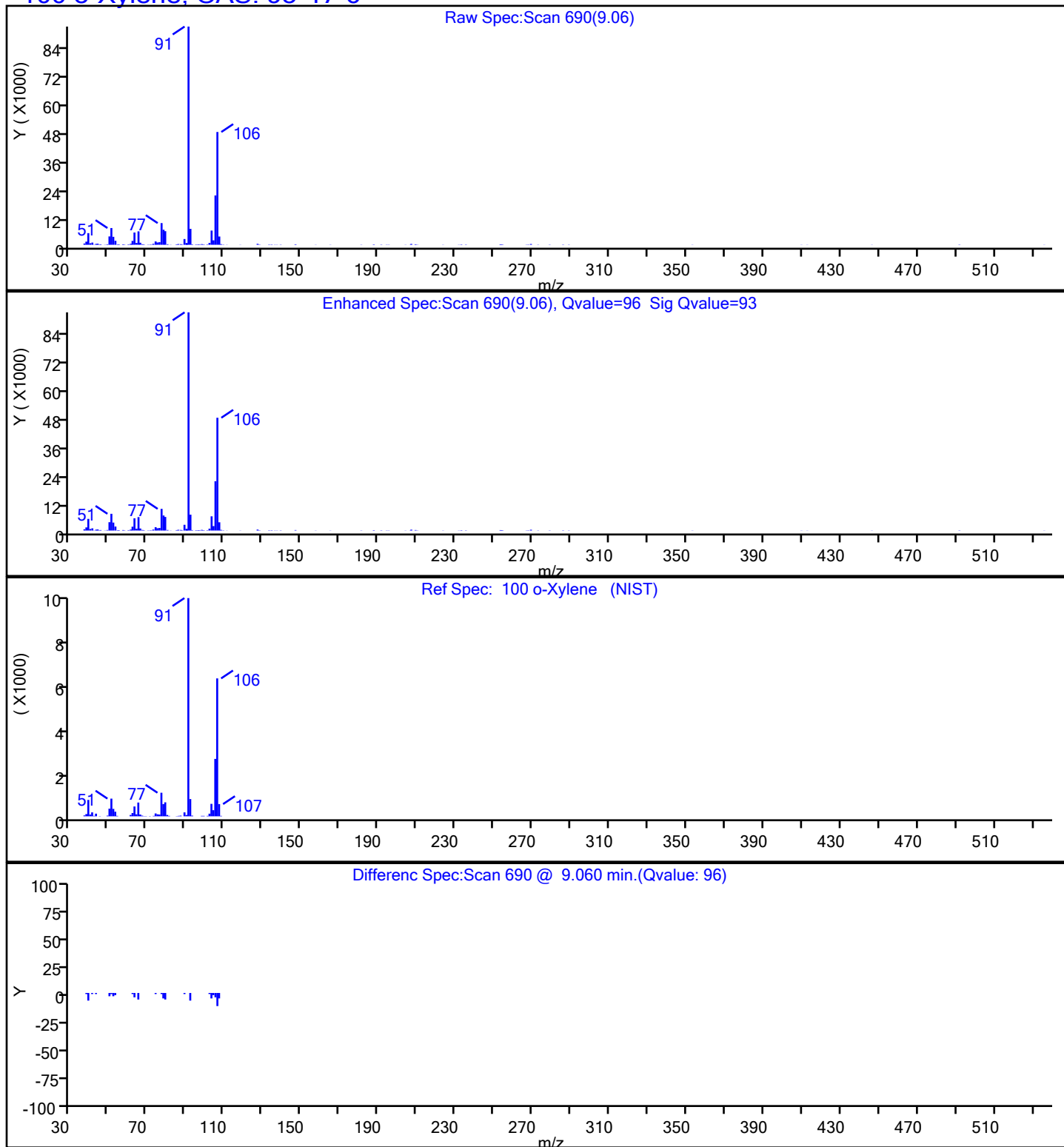
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04585.D

Injection Date: 15-Jul-2021 18:05:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2

Lab Sample ID: 460-238659-2

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 5.000 mL

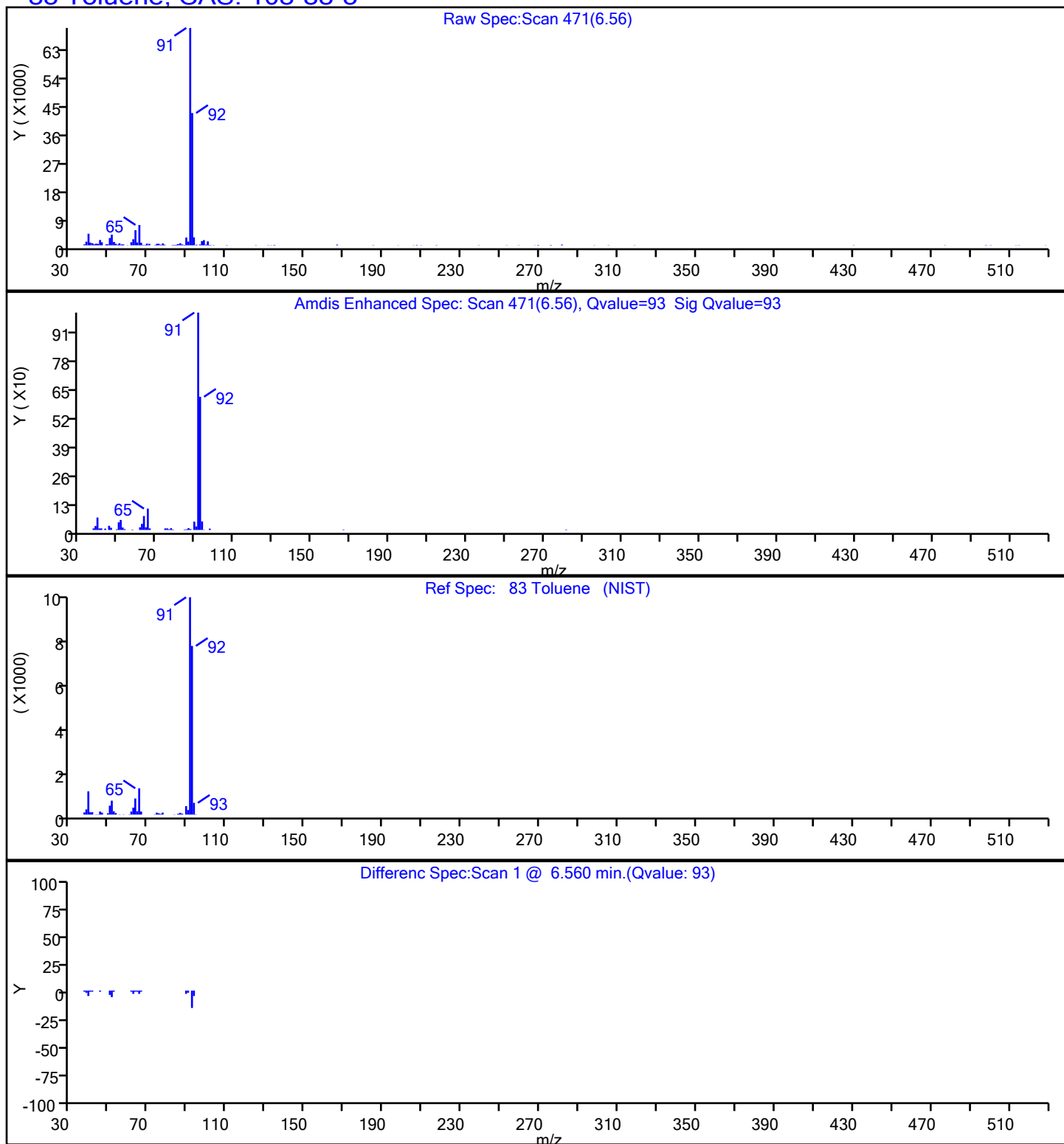
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**83 Toluene, CAS: 108-88-3**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-03\_20210712 Lab Sample ID: 460-238659-3  
 Matrix: Water Lab File ID: V04586.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 13:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 18:26  
 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	6.8		1.0	0.37
71-43-2	Benzene	0.55	J	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.40	J	1.0	0.30
91-20-3	Naphthalene	1.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.42	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.64	J	1.0	0.38
1330-20-7	Xylenes, Total	0.82	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04586.D  
 Lims ID: 460-238659-A-3  
 Client ID: MW-03\_20210712  
 Sample Type: Client  
 Inject. Date: 15-Jul-2021 18:26:30 ALS Bottle#: 22 Worklist Smp#: 23  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-238659-A-3  
 Misc. Info.: 460-0131858-023  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jul-2021 08:56:58 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: starzecm

Date: 16-Jul-2021 08:57:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	35515	1000.0	
* 42 2-Butanone-d5	46	3.642	3.630	0.012	97	207721	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	135158	46.4	
59 Benzene	78	4.431	4.419	0.012	48	11687	0.5506	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	93	125408	41.1	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	457744	50.0	
* 68 1,4-Dioxane-d8	96	5.436	5.448	-0.012	89	26294	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	99	645243	48.4	
83 Toluene	91	6.557	6.557	0.001	94	14206	0.6350	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	353464	50.0	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	96	3580	0.4018	
100 o-Xylene	106	9.060	9.060	0.000	94	3582	0.4229	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	143399	47.5	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	95	5219	0.3053	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	98	123856	6.81	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	159403	50.0	
134 Naphthalene	128	12.317	12.317	0.000	99	17411	1.11	
S 137 Xylenes, Total	100				0		0.8247	

## QC Flag Legend

Processing Flags

## Reagents:

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00218

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04586.D

Injection Date: 15-Jul-2021 18:26:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-3

Lab Sample ID: 460-238659-3

Client ID: MW-03\_20210712

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

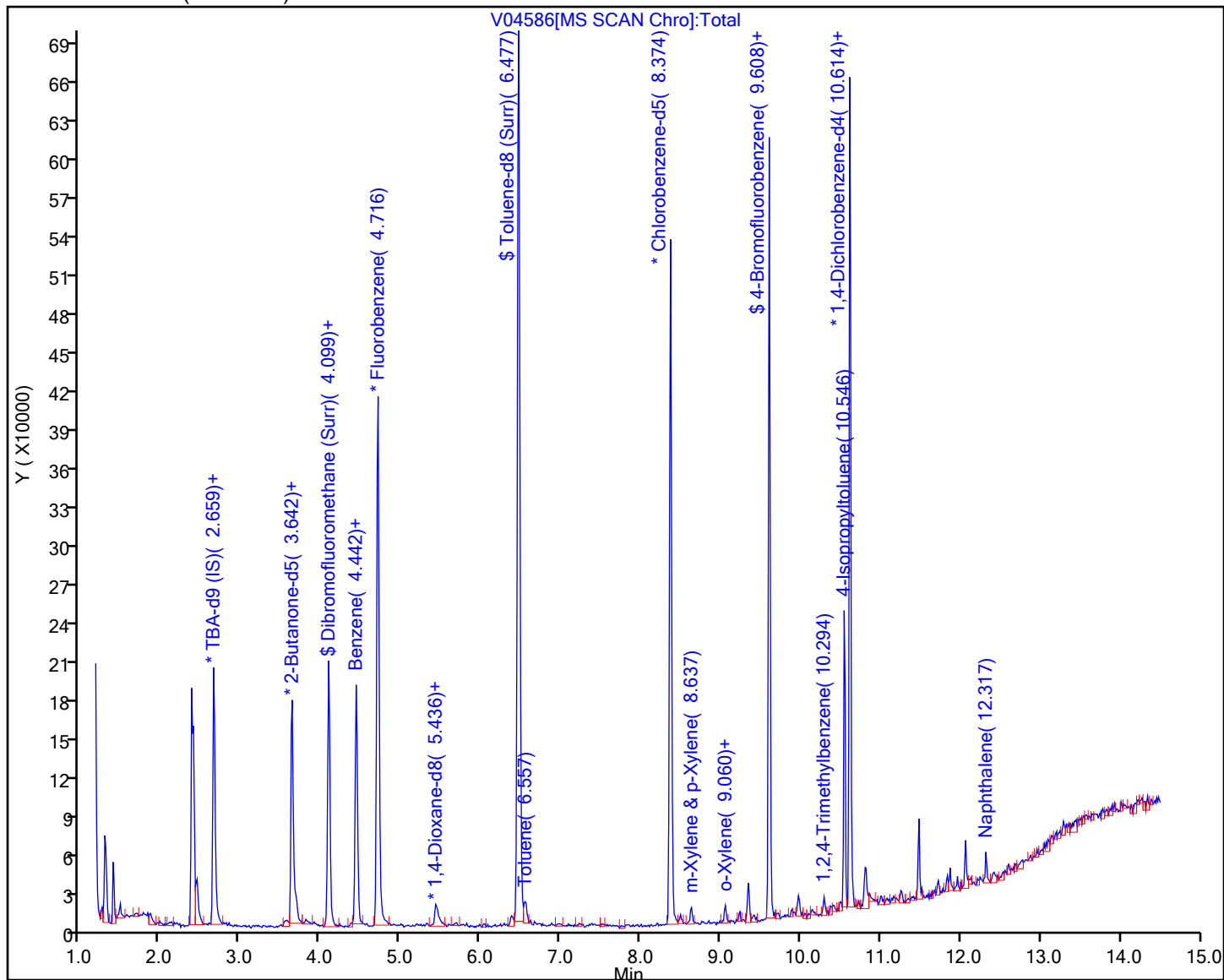
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04586.D

Injection Date: 15-Jul-2021 18:26:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-3

Lab Sample ID: 460-238659-3

Client ID: MW-03\_20210712

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

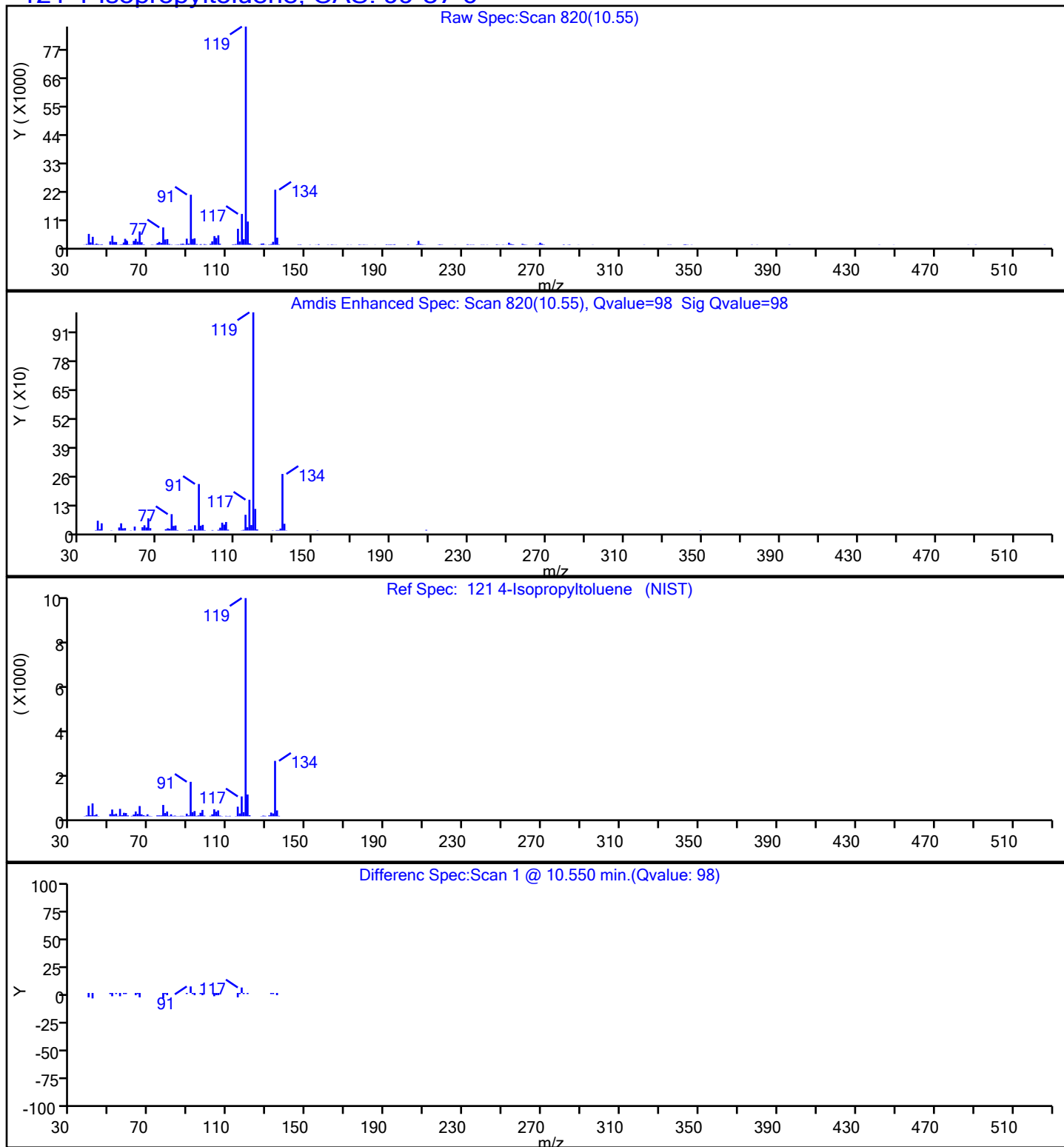
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**121 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04586.D

Injection Date: 15-Jul-2021 18:26:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-3

Lab Sample ID: 460-238659-3

Client ID: MW-03\_20210712

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

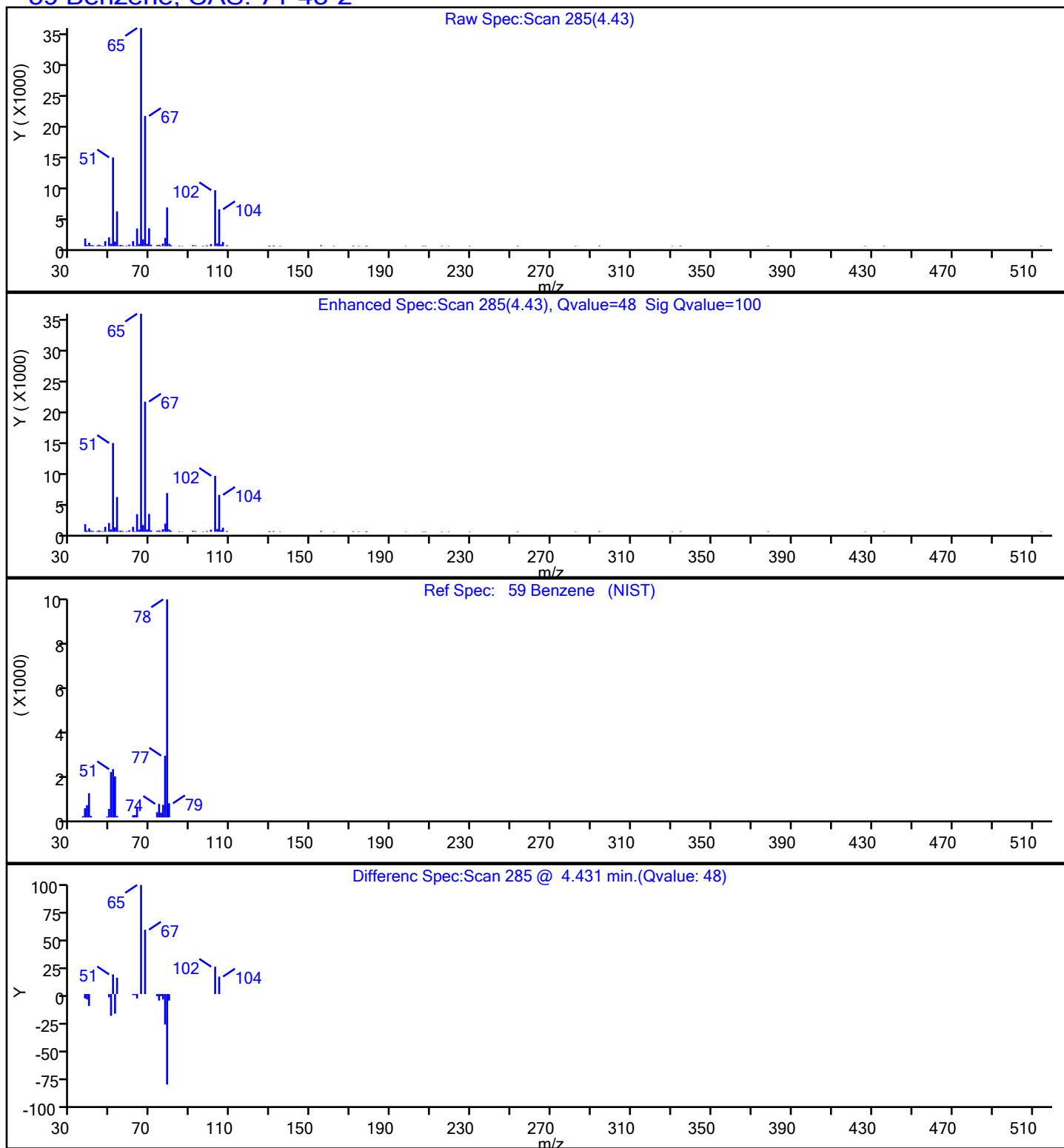
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**59 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04586.D

Injection Date: 15-Jul-2021 18:26:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-3

Lab Sample ID: 460-238659-3

Client ID: MW-03\_20210712

Operator ID:

ALS Bottle#:

Worklist Smp#: 23

Purge Vol: 5.000 mL

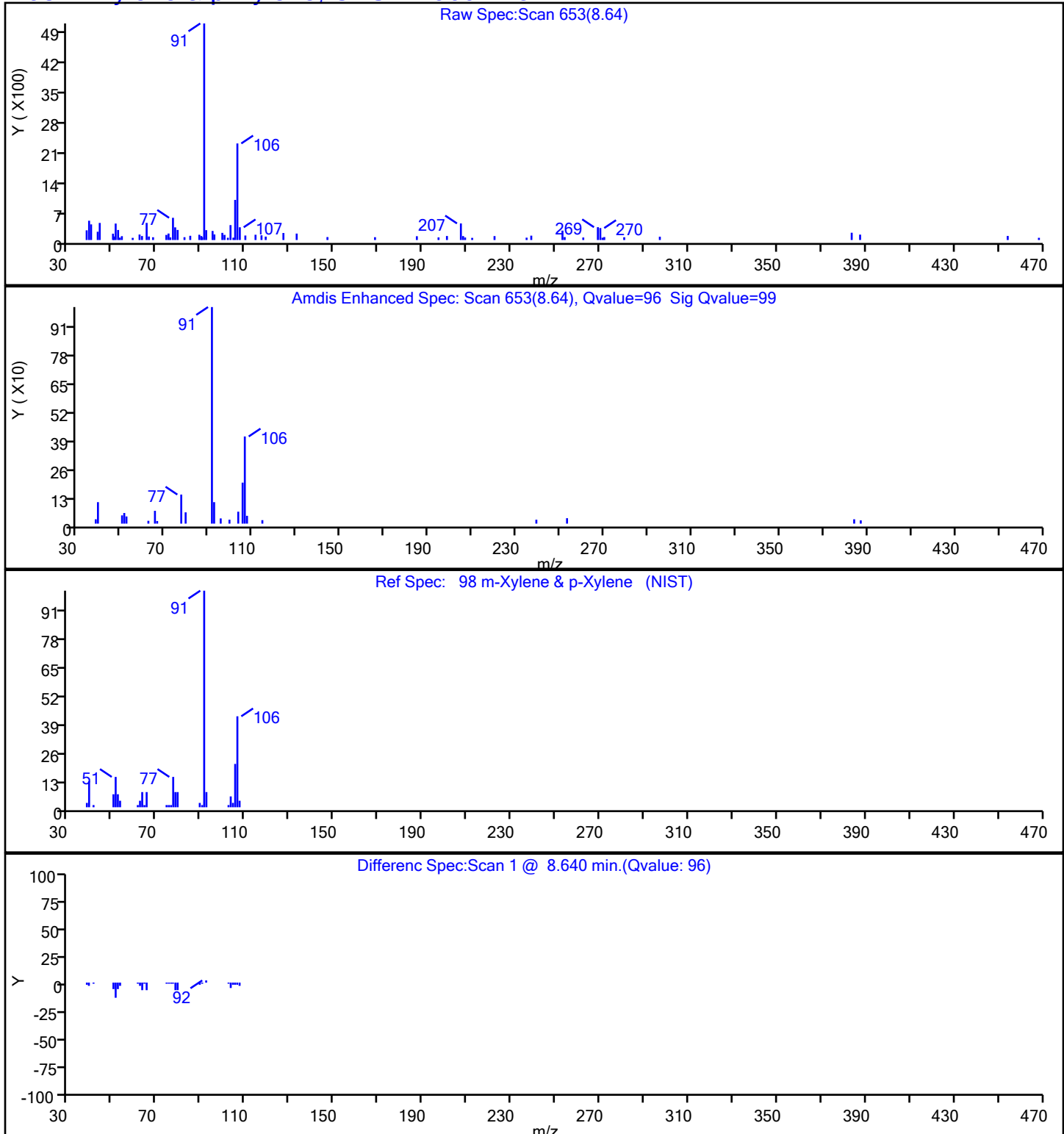
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04586.D

Injection Date: 15-Jul-2021 18:26:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-3

Lab Sample ID: 460-238659-3

Client ID: MW-03\_20210712

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

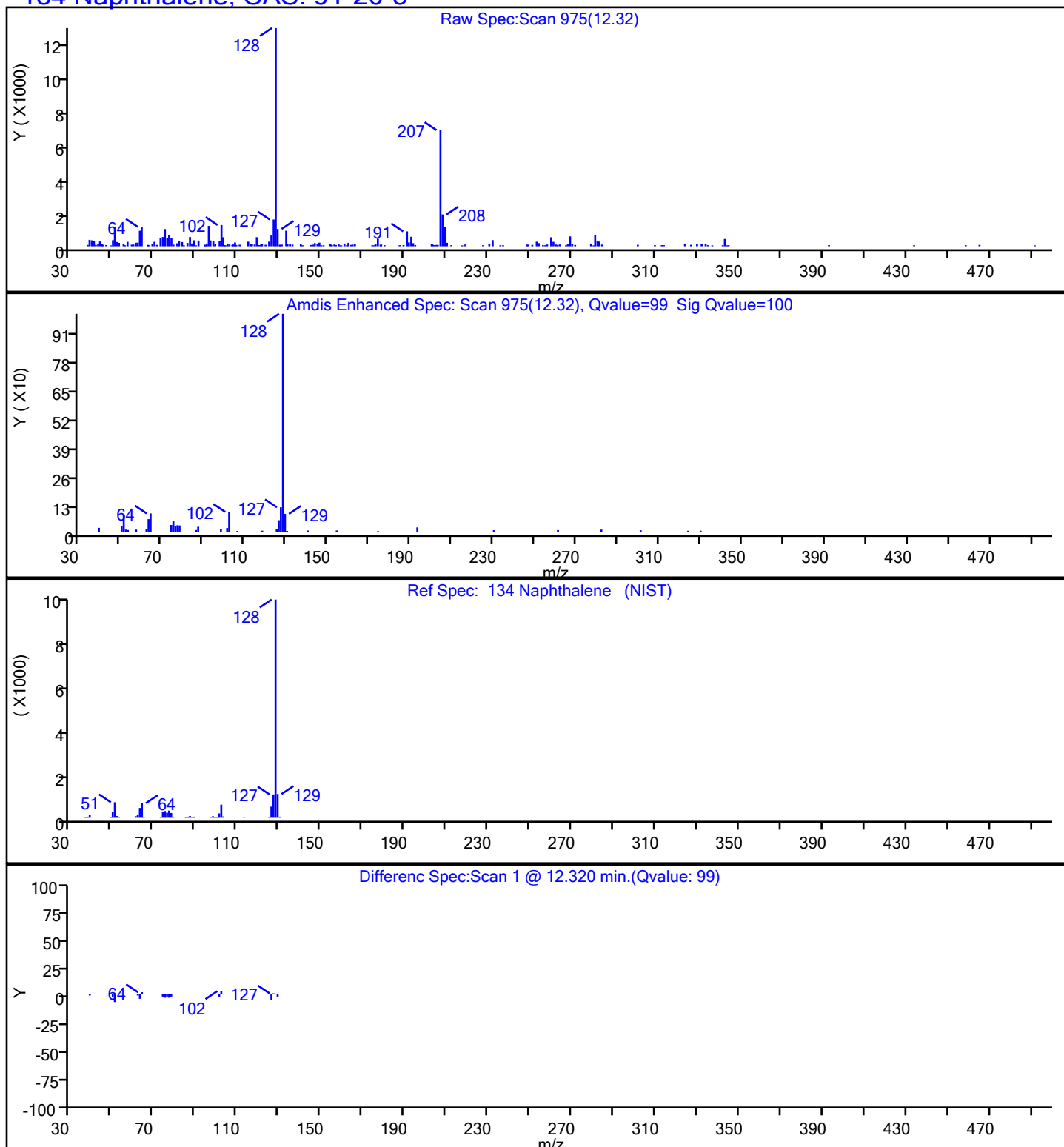
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04586.D

Injection Date: 15-Jul-2021 18:26:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-3

Lab Sample ID: 460-238659-3

Client ID: MW-03\_20210712

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

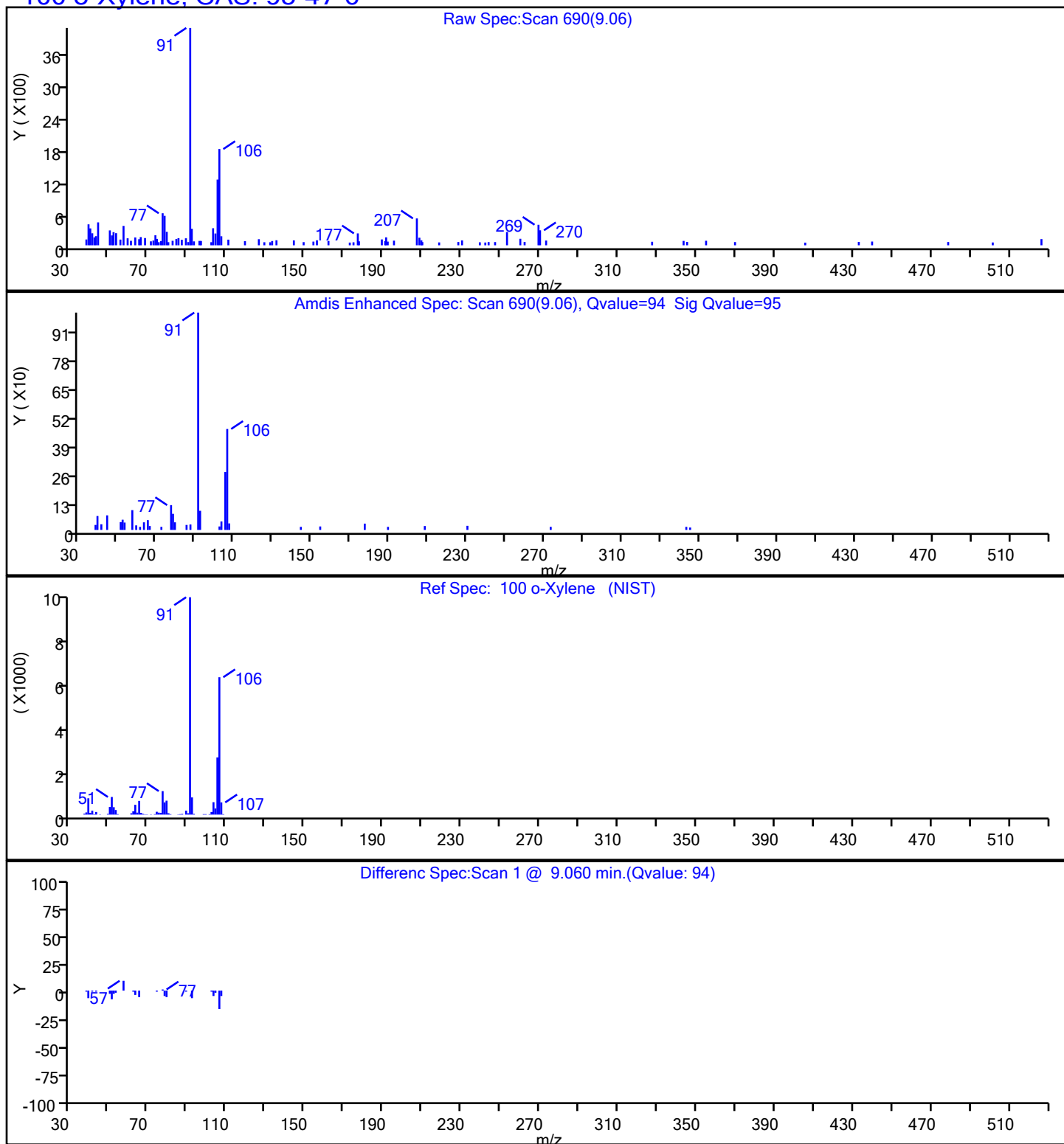
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04586.D

Injection Date: 15-Jul-2021 18:26:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-3

Lab Sample ID: 460-238659-3

Client ID: MW-03\_20210712

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

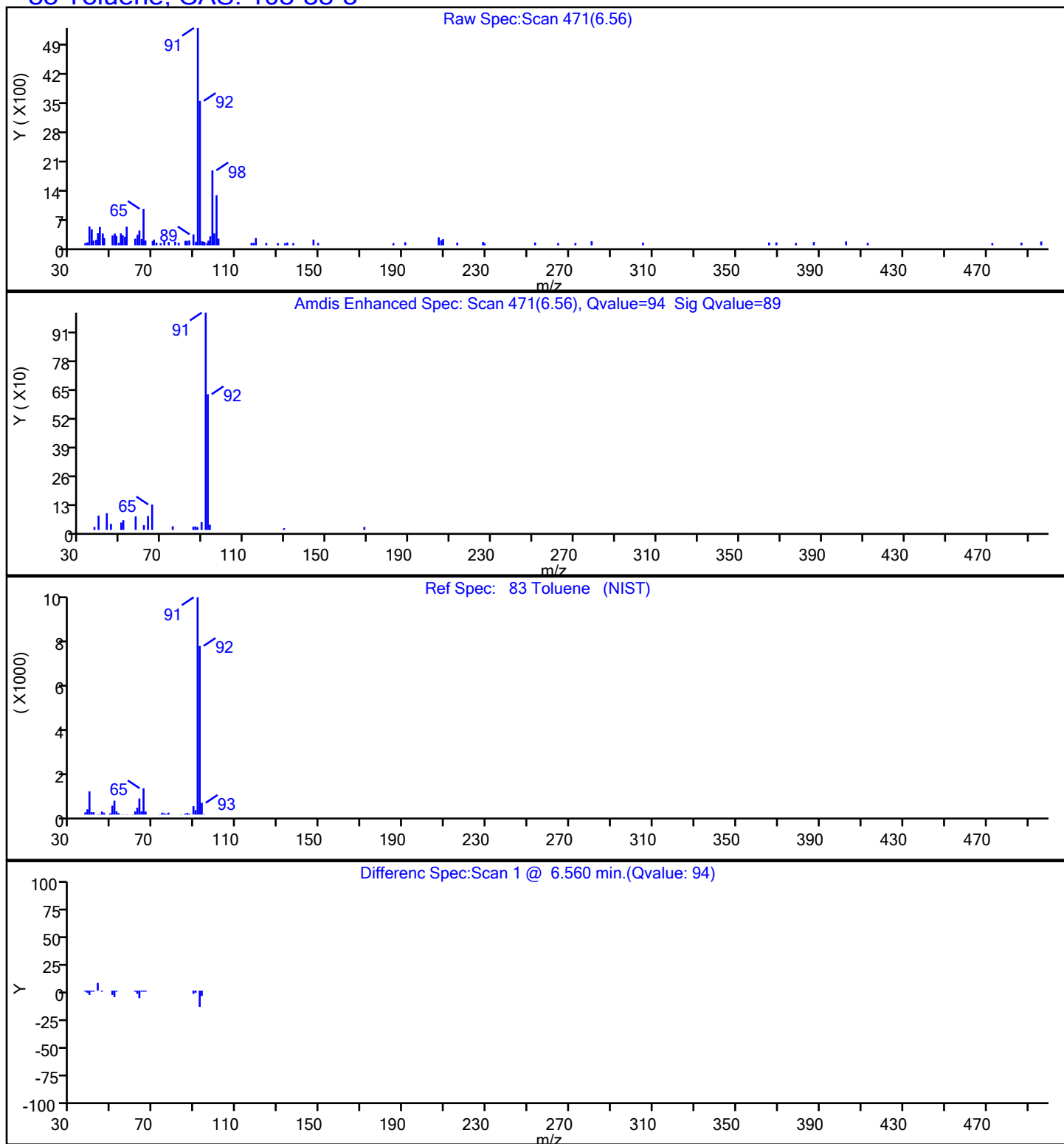
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**83 Toluene, CAS: 108-88-3**



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: TB\_20210712 Lab Sample ID: 460-238659-4  
 Matrix: Water Lab File ID: V04553.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 02:12  
 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.: 790298 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04553.D  
 Lims ID: 460-238659-A-4  
 Client ID: TB\_20210712  
 Sample Type: Client  
 Inject. Date: 15-Jul-2021 02:12:30 ALS Bottle#: 11 Worklist Smp#: 12  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-238659-A-4  
 Misc. Info.: 460-0131808-012  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 11:07:44 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1636

First Level Reviewer: starzecm

Date: 15-Jul-2021 11:07:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	28822	1000.0	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	97	185979	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	95	133322	45.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	95	123116	40.5	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	455921	50.0	
* 68 1,4-Dioxane-d8	96	5.436	5.436	0.000	86	21362	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	99	634167	49.1	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	342758	50.0	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	139520	47.6	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	155662	50.0	

## Reagents:

8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04553.D

Injection Date: 15-Jul-2021 02:12:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-4

Lab Sample ID: 460-238659-4

Client ID: TB\_20210712

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

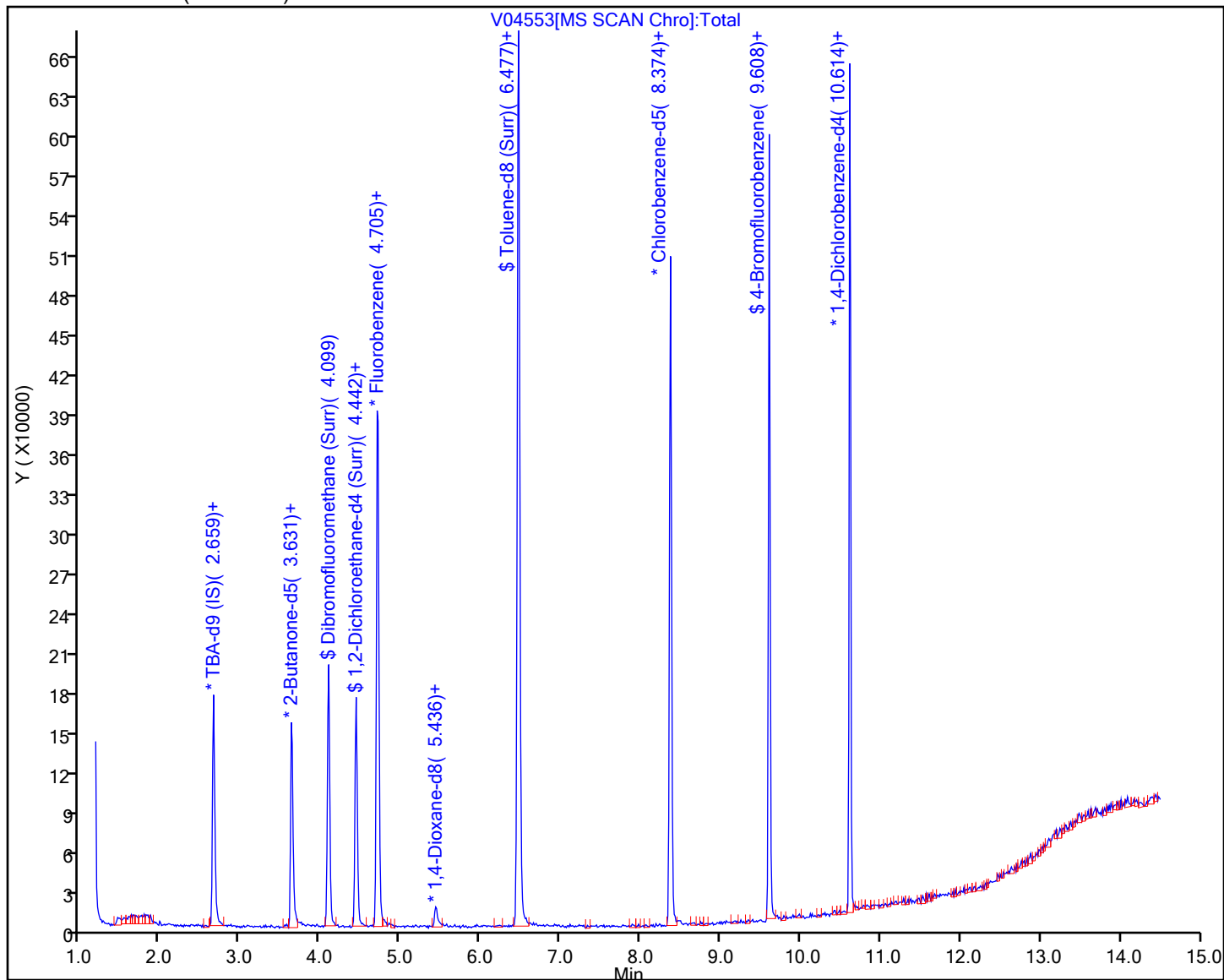
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: FB\_20210712 Lab Sample ID: 460-238659-5  
 Matrix: Water Lab File ID: V04554.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 10:45  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 02:34  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 790298 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04554.D  
 Lims ID: 460-238659-B-5  
 Client ID: FB\_20210712  
 Sample Type: Client  
 Inject. Date: 15-Jul-2021 02:34:30 ALS Bottle#: 12 Worklist Smp#: 13  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-238659-B-5  
 Misc. Info.: 460-0131808-013  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 11:08:05 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1636

First Level Reviewer: starzecm

Date: 15-Jul-2021 11:08:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	98	30122	1000.0	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	98	197199	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	138326	47.8	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	95	129070	42.6	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	454244	50.0	
* 68 1,4-Dioxane-d8	96	5.436	5.436	0.000	89	23743	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	98	660325	49.4	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	354320	50.0	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	145727	48.1	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	162043	50.0	

## Reagents:

8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04554.D

Injection Date: 15-Jul-2021 02:34:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-B-5

Lab Sample ID: 460-238659-5

Client ID: FB\_20210712

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 13

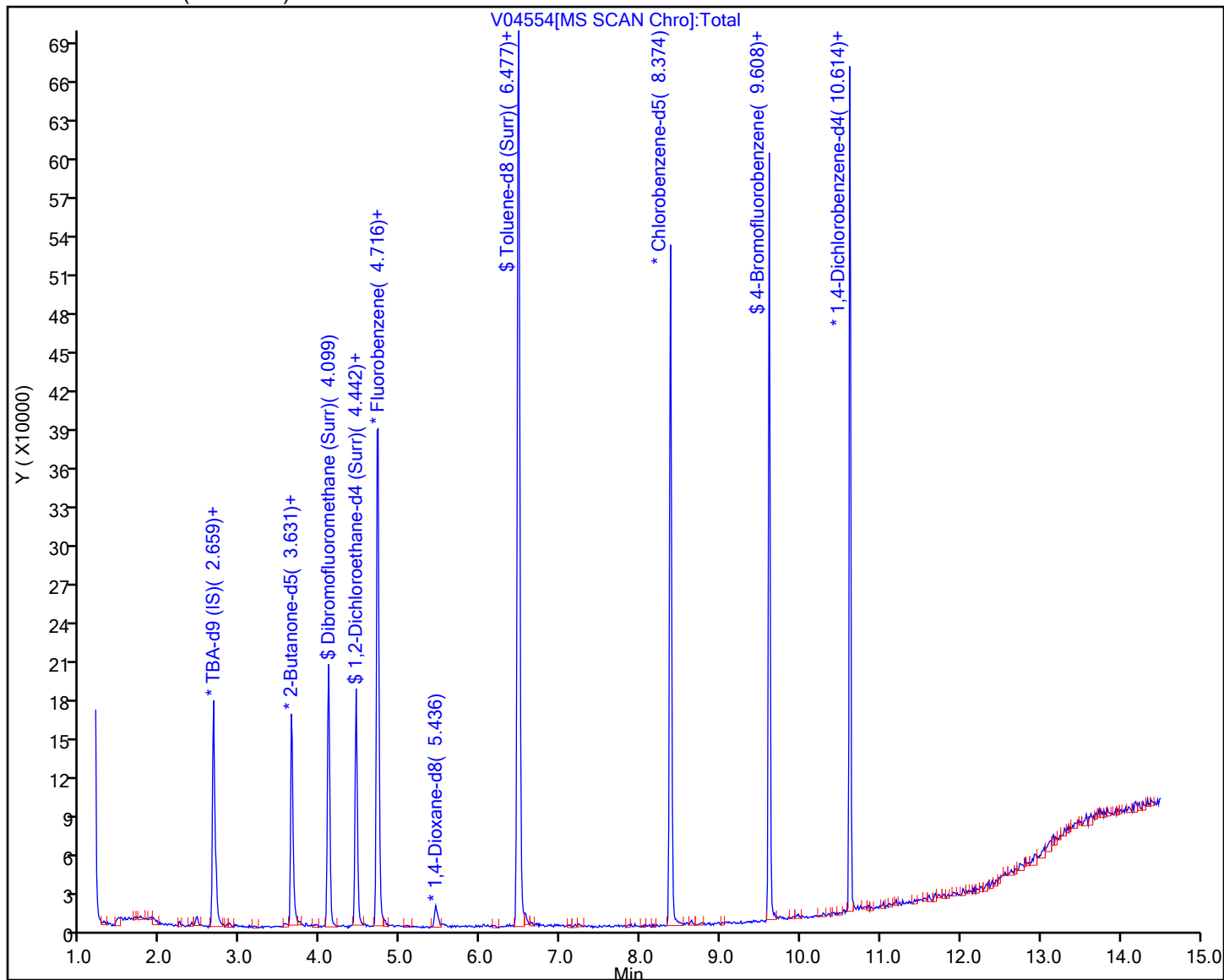
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-X\_20210712 Lab Sample ID: 460-238659-6  
 Matrix: Water Lab File ID: V04588.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 10:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 19:10  
 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.50	J	1.0	0.30
98-82-8	Isopropylbenzene	0.34	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	1.2		1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.77	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.51	J	1.0	0.38
1330-20-7	Xylenes, Total	1.9	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04588.D  
 Lims ID: 460-238659-C-6  
 Client ID: MW-X\_20210712  
 Sample Type: Client  
 Inject. Date: 15-Jul-2021 19:10:30 ALS Bottle#: 24 Worklist Smp#: 25  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-238659-C-6  
 Misc. Info.: 460-0131858-025  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jul-2021 08:59:07 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1683

First Level Reviewer: starzecm

Date: 16-Jul-2021 08:59:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	33666	1000.0	
* 42 2-Butanone-d5	46	3.642	3.630	0.012	98	208099	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	140995	48.1	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	95	129980	42.3	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	460661	50.0	
* 68 1,4-Dioxane-d8	96	5.448	5.448	0.000	87	27547	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	99	670884	50.1	
83 Toluene	91	6.568	6.557	0.012	93	11414	0.5083	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	354794	50.0	
97 Ethylbenzene	106	8.500	8.500	0.000	97	3719	0.5003	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	93	10503	1.17	
100 o-Xylene	106	9.060	9.060	0.000	94	6551	0.7705	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	7526	0.3418	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	150856	49.7	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	96	6318	0.3455	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	96	160345	50.0	
S 137 Xylenes, Total	100				0		1.94	

## QC Flag Legend

Processing Flags

## Reagents:

8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04588.D

Injection Date: 15-Jul-2021 19:10:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-C-6

Lab Sample ID: 460-238659-6

Client ID: MW-X\_20210712

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

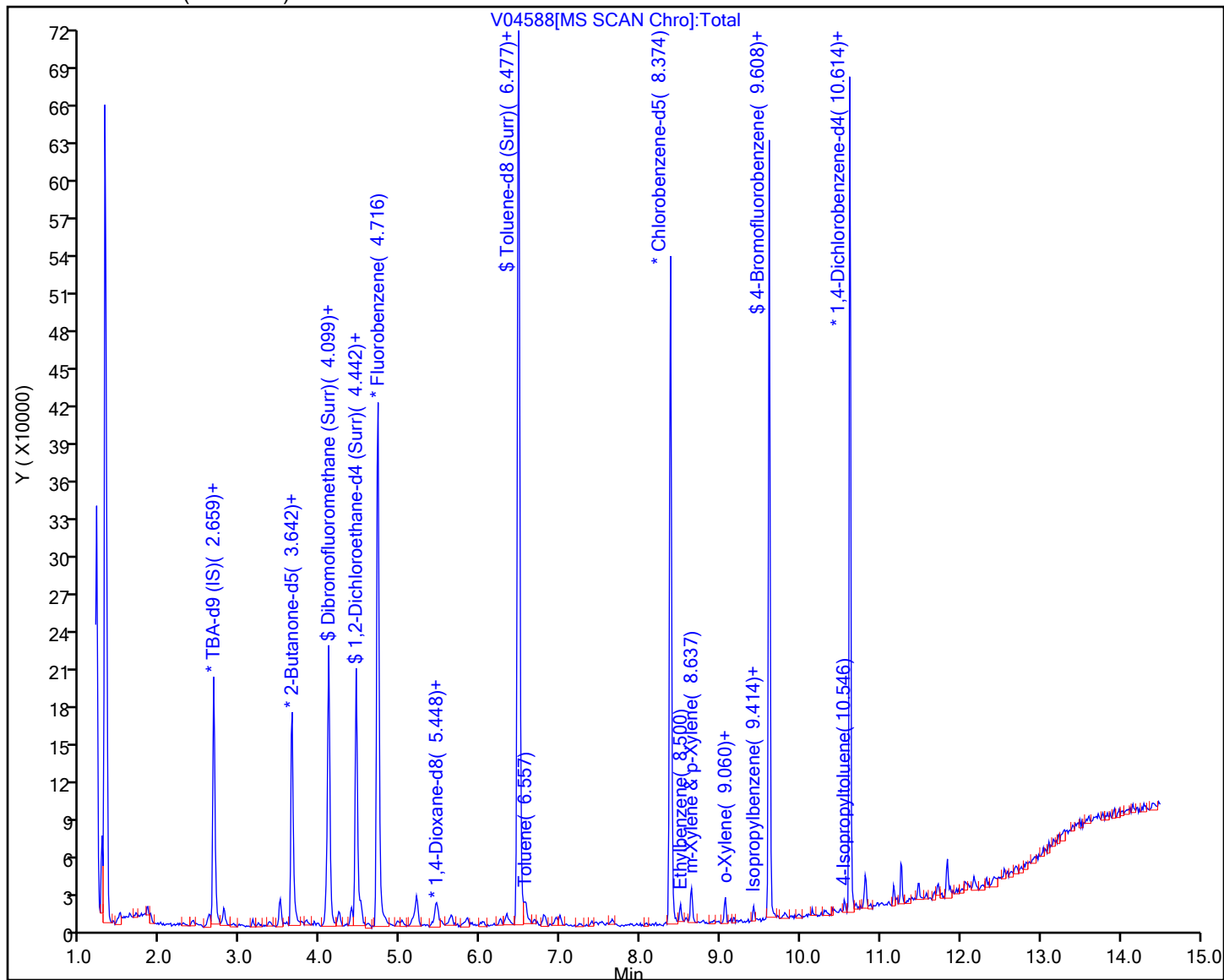
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04588.D

Injection Date: 15-Jul-2021 19:10:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-C-6

Lab Sample ID: 460-238659-6

Client ID: MW-X\_20210712

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

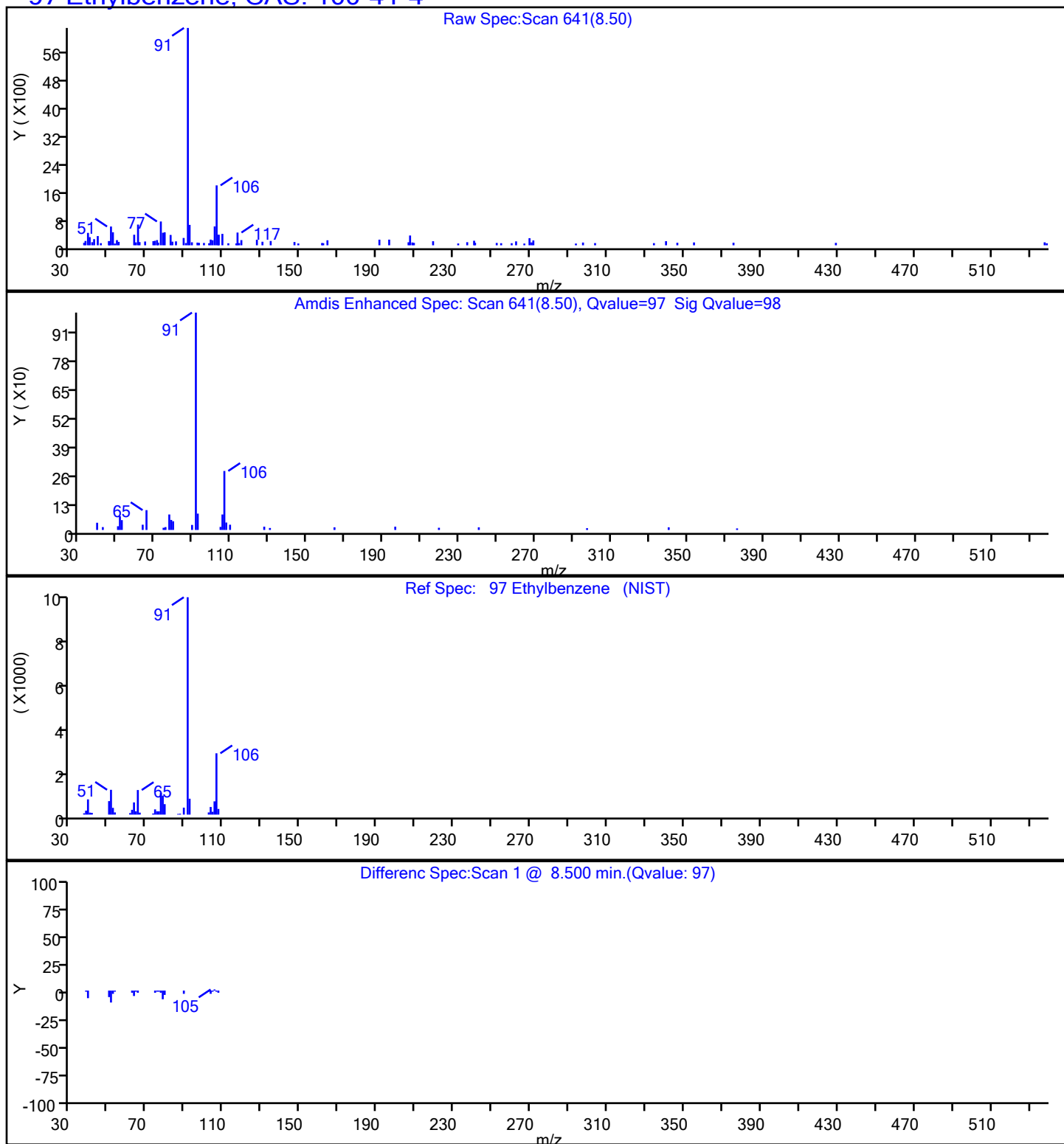
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**97 Ethylbenzene, CAS: 100-41-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04588.D

Injection Date: 15-Jul-2021 19:10:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-C-6

Lab Sample ID: 460-238659-6

Client ID: MW-X\_20210712

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

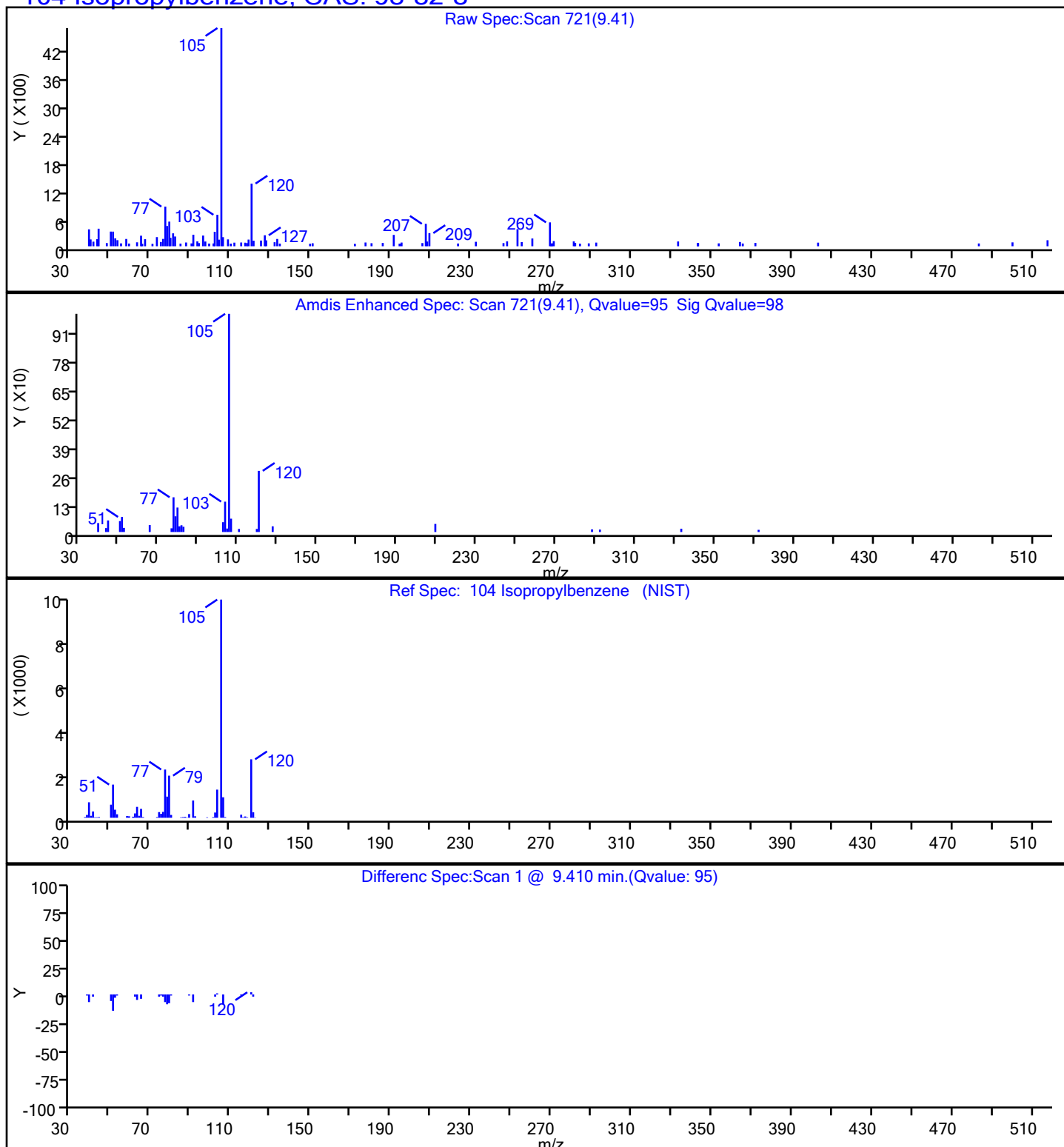
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04588.D

Injection Date: 15-Jul-2021 19:10:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-C-6

Lab Sample ID: 460-238659-6

Client ID: MW-X\_20210712

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

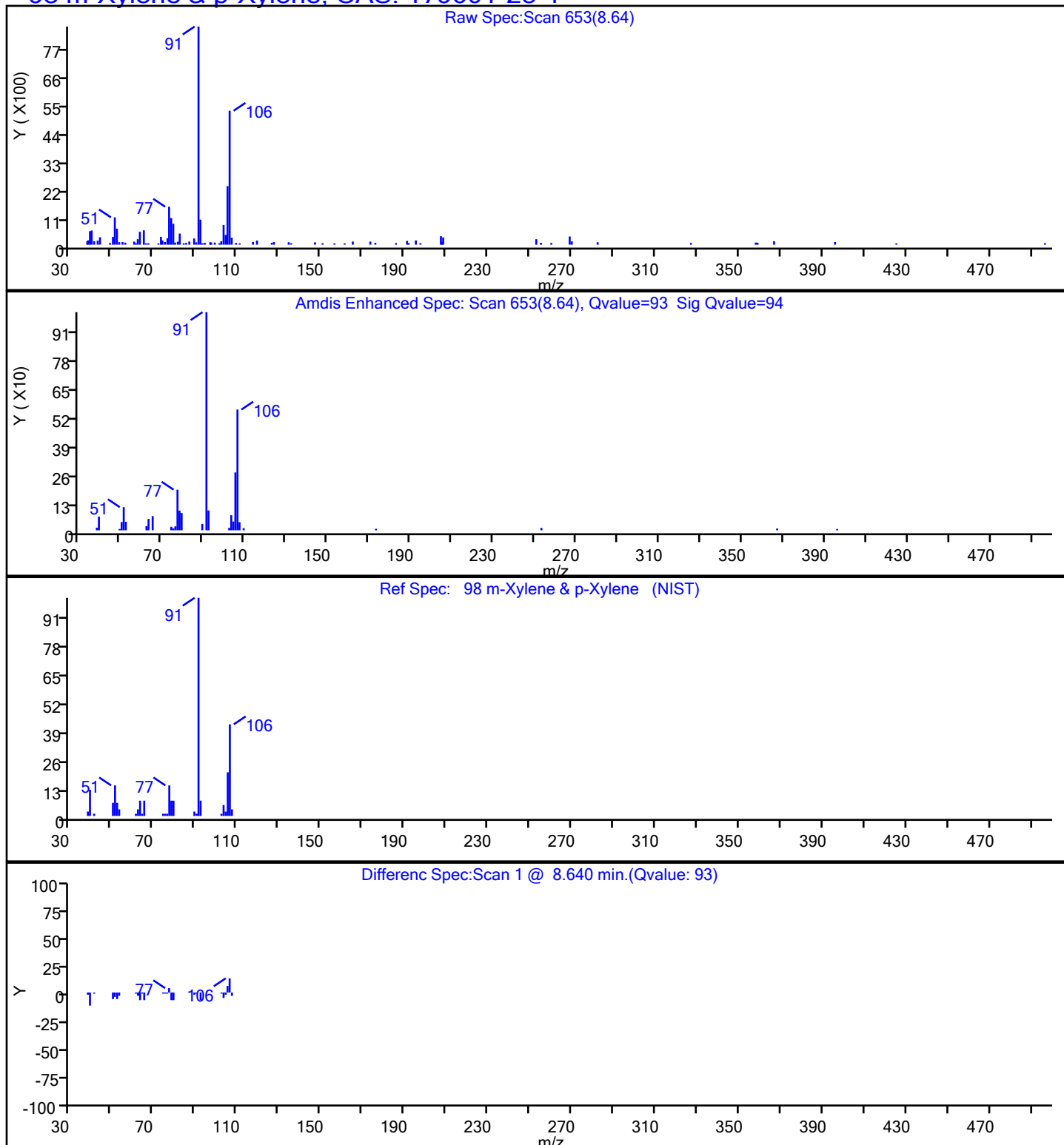
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04588.D

Injection Date: 15-Jul-2021 19:10:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-C-6

Lab Sample ID: 460-238659-6

Client ID: MW-X\_20210712

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

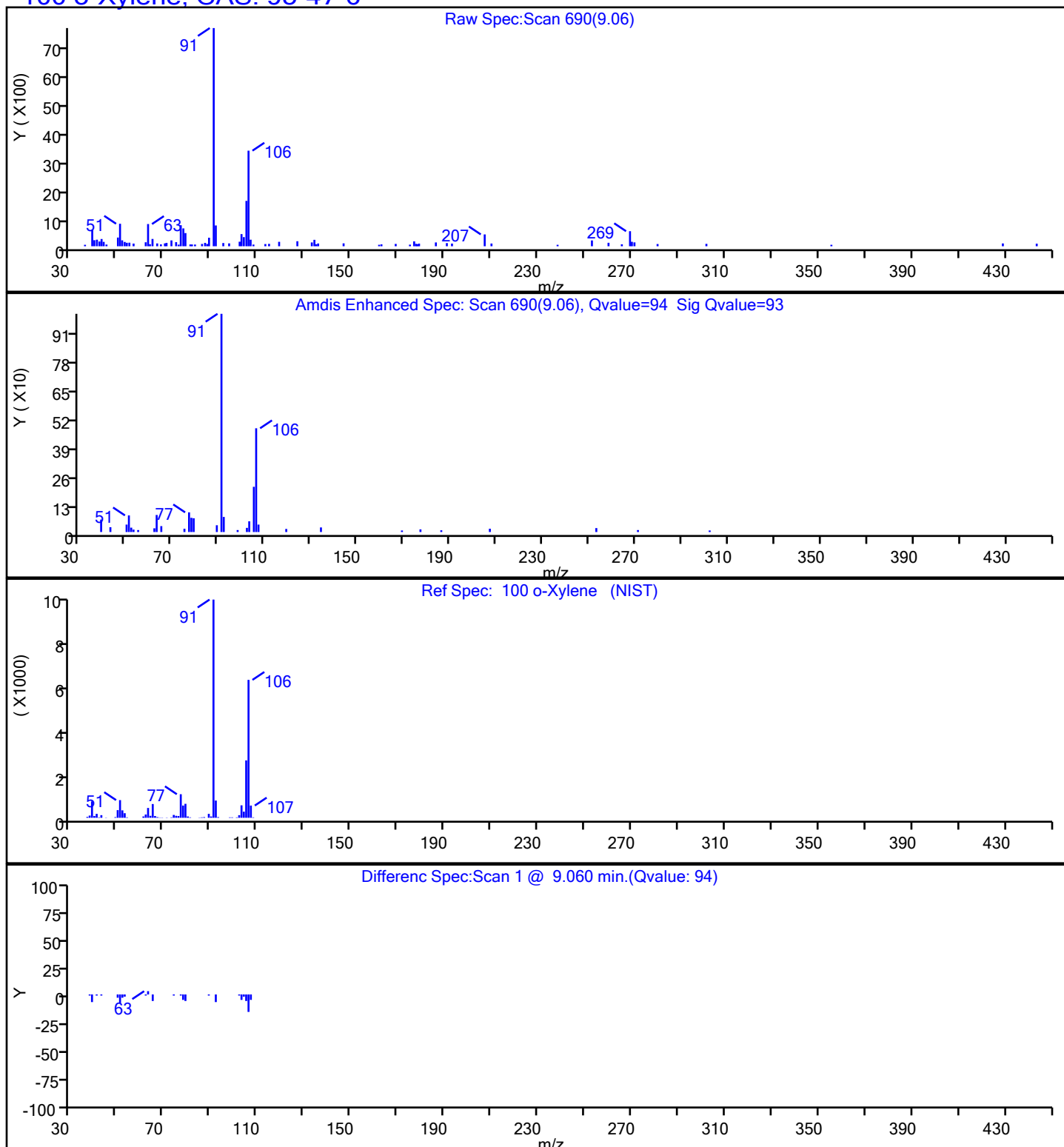
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

**100 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04588.D

Injection Date: 15-Jul-2021 19:10:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-C-6

Lab Sample ID: 460-238659-6

Client ID: MW-X\_20210712

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

25

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

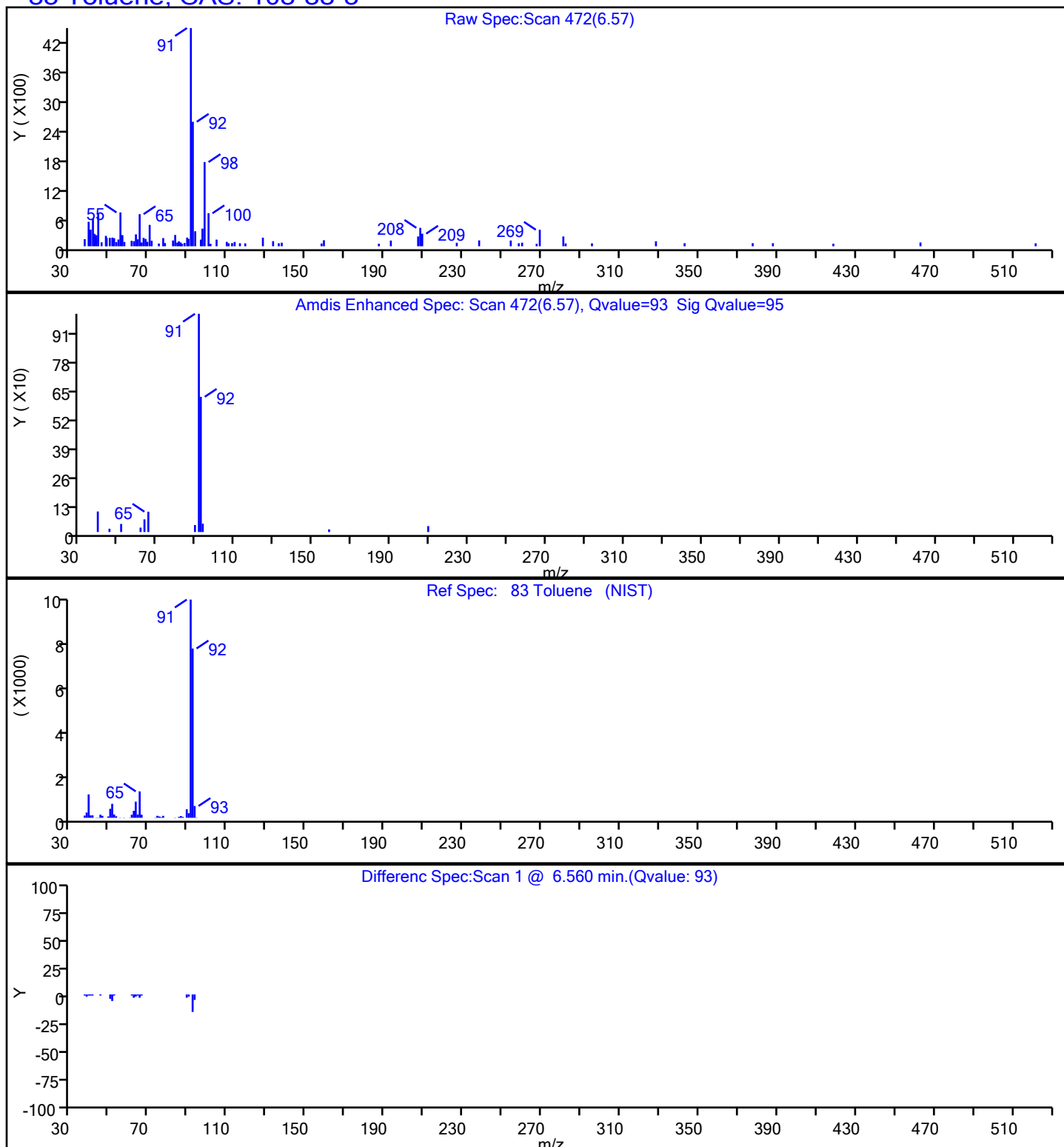
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS Quad

**83 Toluene, CAS: 108-88-3**

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-782268/4	V02680.D
Level 2	STD1 460-782268/5	V02681.D
Level 3	STD5 460-782268/6	V02682.D
Level 4	STD20 460-782268/7	V02683.D
Level 5	STD50 460-782268/8	V02684.D
Level 6	STD200 460-782268/9	V02685.D
Level 7	STD500 460-782268/10	V02686.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	+++++ 0.2339	0.2530 0.2464	0.2722	0.2110	0.2436	Ave		0.243 3				8.4		20.0			
Dichlorodifluoromethane	+++++ 0.7777	0.9197 0.8660	0.8469	0.7737	0.7195	Ave		0.817 2			0.1000	9.0		20.0			
Chlorodifluoromethane	+++++ 0.0872	0.1263 0.0938	0.1016	0.0865	0.0837	Ave		0.096 5				16.5		20.0			
Chloromethane	+++++ 0.6833	0.6981 0.7402	0.7354	0.6946	0.6786	Ave		0.705 0			0.1000	3.7		20.0			
Vinyl chloride	+++++ 0.7610	0.8034 0.8381	0.7909	0.7543	0.7515	Ave		0.783 2			0.1000	4.4		20.0			
Butadiene	0.8399 0.7446	0.8493 0.8082	0.7541	0.7192	0.7069	Ave		0.774 6				7.4		20.0			
Bromomethane	+++++ 3.8508	5.2502 3.5636	5.3045	4.3412	4.2917	Ave		4.433 7			0.1000	16.1		20.0			
Chloroethane	+++++ 3.3422	4.2704 3.1645	4.7111	3.8743	3.6921	Ave		3.842 4			0.1000	15.0		20.0			
Dichlorofluoromethane	+++++ 0.9860	0.9157 1.0692	1.0390	0.8999	0.9132	Ave		0.970 5				7.4		20.0			
Trichlorofluoromethane	+++++ 0.7584	0.8287 0.9185	0.8611	0.8117	0.8143	Ave		0.832 1			0.1000	6.5		20.0			
Pentane	+++++ 0.1151	0.1194 0.1298	0.1117	0.1106	0.1097	Ave		0.116 0				6.6		20.0			
Ethanol	+++++ 0.5853	0.9134 0.5554	0.7849	0.6749	0.6373	Ave		0.691 9				19.5		20.0			
Ethyl ether	+++++ 0.3575	0.3535 0.3832	0.3735	0.3414	0.3339	Ave		0.357 2				5.2		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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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-Methyl-1,3-butadiene	++++ 0.5981	0.5419 0.6508	0.4840	0.4911	0.5226	Ave		0.548 1				11.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.4734	0.4828 0.3932	0.4993	0.4322	0.4402	Ave		0.453 5				8.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.8498	0.7877 0.7773	0.7893	0.7523	0.7717	Ave		0.788 0				4.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.5415	0.5445 0.6342	0.5111	0.4889	0.4980	Ave		0.536 4		0.1000		9.9		20.0			
Acrolein	++++ 31.275	28.935 31.759	35.841	32.379	32.980	Ave		32.19 5				7.0		20.0			
1,1-Dichloroethene	++++ 0.5355	0.5391 0.5772	0.5329	0.4882	0.5006	Ave		0.528 9		0.1000		6.0		20.0			
Acetone	++++ 1.4515	1.8947 1.3295	1.7051	1.5023	1.4480	Ave		1.555 2		0.0500		13.3		20.0			
Iodomethane	++++ 0.6040	0.4802 0.5908	0.4889	0.4968	0.5342	Ave		0.532 5				10.1		20.0			
Isopropyl alcohol	++++ 7.0000	8.4339 6.9701	8.4041	7.3286	7.0015	Ave		7.523 0				9.4		20.0			
Carbon disulfide	++++ 1.6958	1.6397 1.7157	1.5969	1.5943	1.5964	Ave		1.639 8		0.1000		3.3		20.0			
3-Chloro-1-propene	++++ 0.3832	0.2888 0.4260	0.3701	0.3418	0.3518	Ave		0.360 3				12.7		20.0			
Methyl acetate	++++ 0.5645	0.3682 0.5878	0.4848	0.4920	0.4811	Ave		0.496 4		0.1000		15.6		20.0			
Cyclopentene	++++ 1.6121	1.5457 1.6510	1.4700	1.4403	1.4449	Ave		1.527 3				5.9		20.0			
Acetonitrile	++++ 0.4522	0.6682 ++++	0.5525	0.4428	0.4394	Ave		0.511 0				19.5		20.0			
Methylene Chloride	++++ 0.5719	0.5952 0.6011	0.5735	0.5348	0.5279	Ave		0.567 4		0.1000		5.3		20.0			
2-Methyl-2-propanol	++++ 13.077	14.746 11.674	16.151	13.706	12.803	Ave		13.69 3				11.5		20.0			
Methyl tert-butyl ether	++++ 1.7829	1.5577 1.8216	1.6287	1.6498	1.6008	Ave		1.673 6		0.1000		6.3		20.0			
trans-1,2-Dichloroethene	++++ 0.6068	0.6943 0.6660	0.5804	0.5526	0.5398	Ave		0.606 6		0.1000		10.2		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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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								
Acrylonitrile	0.2208 0.3031	0.2244 0.2622	0.2760	0.2729	0.2664	Ave		0.260 8				11.2		20.0			
Hexane	++++ 0.8732	0.8546 0.9440	0.8116	0.8427	0.8129	Ave		0.856 5				5.7		20.0			
Isopropyl ether	++++ 1.8467	1.6048 1.8665	1.6766	1.6775	1.6733	Ave		1.724 2				6.2		20.0			
1,1-Dichloroethane	++++ 1.1078	0.9837 1.1370	1.0445	0.9997	0.9731	Ave		1.041 0		0.2000		6.6		20.0			
Vinyl acetate	++++ 1.3387	1.3034 1.3136	1.6802	1.3407	1.3703	Ave		1.391 2				10.3		20.0			
2-Chloro-1,3-butadiene	++++ 0.5669	0.5215 0.6190	0.5479	0.5260	0.5266	Ave		0.551 3				6.8		20.0			
Text-butyl ethyl ether	++++ 1.7693	1.5976 1.8108	1.6117	1.6410	1.6112	Ave		1.673 6				5.5		20.0			
2,2-Dichloropropane	++++ 0.2024	0.2542 0.2171	0.1979	0.1945	0.1878	Ave		0.209 0				11.6		20.0			
cis-1,2-Dichloroethene	++++ 0.6653	0.8508 0.7294	0.6547	0.5795	0.5889	Ave		0.678 1		0.1000		14.9		20.0			
Ethyl acetate	++++ 0.7552	1.0027 0.7559	0.8451	0.7230	0.7254	Ave		0.801 2				13.5		20.0			
2-Butanone (MEK)	++++ 0.8040	0.7759 0.7771	0.9113	0.7769	0.7733	Ave		0.803 1		0.0500		6.8		20.0			
Methyl acrylate	++++ 0.6382	0.4858 0.6785	0.5670	0.5895	0.5712	Ave		0.588 4				11.2		20.0			
Propionitrile	++++ 20.436	19.739 17.858	27.250	22.804	21.208	Ave		21.54 9				15.0		20.0			
Chlorobromomethane	++++ 0.2889	0.2400 0.3101	0.2970	0.2590	0.2582	Ave		0.275 6				9.8		20.0			
Tetrahydrofuran	++++ 0.8525	0.8592 0.8069	1.0696	0.9117	0.8577	Ave		0.892 9				10.4		20.0			
Methacrylonitrile	++++ 0.3558	0.2552 0.3083	0.3031	0.3005	0.3050	Ave		0.304 7				10.5		20.0			
Chloroform	++++ 1.0094	0.9921 1.0841	0.9152	0.8875	0.8784	Ave		0.961 1		0.2000		8.4		20.0			
Cyclohexane	++++ 1.0263	0.8457 1.1873	0.9476	0.9349	0.9317	Ave		0.978 9		0.1000		12.0		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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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								
1,1,1-Trichloroethane	++++ 0.9000	0.8139 0.9920	0.7997	0.8087	0.7965	Ave		0.851 8			0.1000	9.3		20.0			
Carbon tetrachloride	++++ 0.7444	0.6743 0.8400	0.6395	0.6397	0.6430	Ave		0.696 8			0.1000	11.6		20.0			
1,1-Dichloropropene	++++ 0.8896	0.7289 0.9938	0.8118	0.7776	0.7803	Ave		0.830 3				11.6		20.0			
Isobutyl alcohol	++++ 9.4345	6.0040 7.8904	8.5805	8.1525	8.4098	Ave		8.078 6				14.2		20.0			
Isooctane	++++ 1.7707	1.7274 1.8022	1.5880	1.6203	1.6331	Ave		1.690 3				5.2		20.0			
Benzene	++++ 3.1620	2.8985 3.1389	3.0566	2.9089	2.8510	Ave		3.002 6			0.5000	4.5		20.0			
Isopropyl acetate	++++ 0.3269	0.5285 0.3590	0.3294	0.3015	0.2736	Qua2	0.250 6	0.277 9	0.0001694						0.9990		0.9900
Tert-amyl methyl ether	++++ 1.8432	1.5676 1.9581	1.6678	1.7064	1.7076	Ave		1.741 8				7.9		20.0			
1,2-Dichloroethane	++++ 0.6673	0.6585 0.7130	0.6183	0.6128	0.5876	Ave		0.642 9			0.1000	7.1		20.0			
n-Heptane	++++ 0.1647	0.1394 0.1707	0.1599	0.1589	0.1533	Ave		0.157 8				6.8		20.0			
n-Butanol	++++ 3.0588	1.3932 2.7952	2.4718	2.5987	2.6422	QuaF		3.144 1	-0.000028						0.9990		0.9900
Trichloroethene	++++ 0.6054	0.5269 0.6730	0.5698	0.5189	0.5417	Ave		0.572 6			0.2000	10.2		20.0			
Ethyl acrylate	++++ 0.1074	0.0901 0.1096	0.1067	0.1017	0.1006	Ave		0.102 7				6.9		20.0			
Methylcyclohexane	++++ 1.0758	0.9958 1.1991	0.9559	1.0101	0.9943	Ave		1.038 5			0.1000	8.5		20.0			
1,2-Dichloropropane	++++ 0.5995	0.5296 0.6371	0.6010	0.5592	0.5390	Ave		0.577 6			0.1000	7.2		20.0			
Methyl methacrylate	++++ 0.1931	0.1730 0.1996	0.1835	0.1922	0.1796	Ave		0.186 9				5.3		20.0			
1,4-Dioxane	++++ 2.7726	1.8185 3.0925	2.4990	2.2010	2.0281	Ave		2.401 9				19.9		20.0			
n-Propyl acetate	++++ 0.9623	0.7917 0.9738	0.8378	0.8589	0.8638	Ave		0.881 4				8.2		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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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								
Dibromomethane	++++ 0.3417	0.3108 0.3624	0.3219	0.3196	0.3163	Ave		0.328 8				5.9		20.0			
Dichlorobromomethane	++++ 0.7298	0.6659 0.7700	0.6707	0.6464	0.6389	Ave		0.687 0			0.2000	7.5		20.0			
2-Nitropropane	++++ 0.1743	0.1740 0.1780	0.1503	0.1453	0.1491	Ave		0.161 8				9.3		20.0			
2-Chloroethyl vinyl ether	++++ 0.4043	0.3234 0.4132	0.3641	0.3853	0.3688	Ave		0.376 5				8.6		20.0			
Epichlorohydrin	0.6529 0.5812	0.5488 0.5080	0.6667	0.6078	0.5843	Ave		0.592 8				9.4		20.0			
cis-1,3-Dichloropropene	++++ 1.2384	1.1009 1.3233	1.1475	1.1431	1.1274	Ave		1.180 1			0.2000	7.1		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 5.3657	4.8592 4.1804	5.7855	5.3714	5.2285	Ave		5.131 8			0.0500	10.8		20.0			
Toluene	++++ 3.5161	2.9275 3.3738	3.0664	3.0398	3.0630	Ave		3.164 4			0.4000	7.2		20.0			
trans-1,3-Dichloropropene	++++ 1.1222	0.9255 1.1812	1.0354	1.0427	1.0251	Ave		1.055 4			0.1000	8.3		20.0			
Ethyl methacrylate	++++ 1.0555	0.8605 1.1177	0.9172	0.9500	0.9363	Ave		0.972 9				9.8		20.0			
1,1,2-Trichloroethane	++++ 0.5629	0.4871 0.5908	0.5453	0.5232	0.5079	Ave		0.536 2			0.1000	7.1		20.0			
Tetrachloroethene	++++ 0.6551	0.5800 0.7207	0.6321	0.6130	0.6092	Ave		0.635 0			0.2000	7.7		20.0			
1,3-Dichloropropane	++++ 1.1518	1.0320 1.1726	1.1291	1.0989	1.0506	Ave		1.105 8				5.1		20.0			
2-Hexanone	++++ 3.5589	3.3155 2.9646	3.9455	3.6288	3.5180	Ave		3.488 5			0.0500	9.4		20.0			
n-Butyl acetate	++++ 1.1252	1.2276 1.1346	1.1058	1.0890	1.0498	Ave		1.122 0				5.3		20.0			
Chlorodibromomethane	++++ 0.6297	0.4790 0.6409	0.5838	0.5848	0.5792	Ave		0.582 9			0.1000	9.8		20.0			
Ethylene Dibromide	++++ 0.6709	0.5701 0.6820	0.6208	0.6246	0.6160	Ave		0.630 7			0.1000	6.4		20.0			
Chlorobenzene	++++ 2.0060	1.7844 2.0293	1.8456	1.8078	1.7964	Ave		1.878 2			0.5000	5.9		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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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								
Ethylbenzene	++++ 1.0955	0.9630 1.1734	1.0515	1.0233	0.9783	Ave		1.047 5			0.1000	7.5		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.6510	0.5289 0.6951	0.6051	0.5910	0.5914	Ave		0.610 4				9.3		20.0			
m-Xylene & p-Xylene	++++ 1.2958	1.2045 1.3450	1.2896	1.2314	1.1967	Ave		1.260 5			0.1000	4.7		20.0			
n-Butyl acrylate	++++ 0.6519	0.5303 0.6932	0.5885	0.5886	0.5749	Ave		0.604 6				9.6		20.0			
o-Xylene	++++ 1.2597	1.1288 1.2927	1.1968	1.1715	1.1394	Ave		1.198 1			0.3000	5.5		20.0			
Styrene	++++ 2.2213	1.8129 2.1798	2.0327	2.0142	2.0084	Ave		2.044 9			0.3000	7.1		20.0			
Amyl acetate (mixed isomers)	++++ 2.7913	2.1557 2.6304	2.4928	2.5101	2.4264	Ave		2.501 1				8.5		20.0			
Bromoform	++++ 0.4141	0.2828 0.4291	0.3712	0.3785	0.3655	Ave		0.373 5			0.1000	13.7		20.0			
Isopropylbenzene	++++ 3.3745	2.9248 2.9459	3.1155	3.1369	3.1181	Ave		3.102 6			0.1000	5.2		20.0			
Bromobenzene	++++ 1.5978	1.1762 1.6086	1.4279	1.3435	1.3425	Ave		1.416 1				11.8		20.0			
1,1,2,2-Tetrachloroethane	++++ 2.3998	1.7170 2.3342	1.8638	1.9277	1.8981	Ave		2.023 4			0.3000	13.7		20.0			
N-Propylbenzene	++++ 9.3948	7.0609 7.1408	8.0022	7.7595	7.9924	Ave		7.891 8				10.7		20.0			
1,2,3-Trichloropropane	++++ 0.5986	0.5655 0.6008	0.5469	0.5458	0.5149	Ave		0.562 1				5.9		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.5821	0.4528 0.5843	0.5132	0.4991	0.4976	Ave		0.521 5				10.0		20.0			
2-Chlorotoluene	++++ 6.4045	5.0359 5.5128	5.2006	5.0909	5.2093	Ave		5.409 0				9.5		20.0			
4-Ethyltoluene	++++ 7.6067	6.0681 6.3457	6.5016	6.3595	6.3900	Ave		6.545 3				8.2		20.0			
1,3,5-Trimethylbenzene	++++ 6.1556	4.8115 5.4033	5.3658	5.2635	5.2573	Ave		5.376 2				8.1		20.0			
4-Chlorotoluene	++++ 5.4402	4.6229 4.7830	4.8882	4.6552	4.5539	Ave		4.823 9				6.7		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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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								
Butyl Methacrylate	++++ 2.1402	1.5133 2.1528	1.8091	1.8471	1.8737	Ave		1.889 4				12.6		20.0			
tert-Butylbenzene	++++ 5.0408	4.1887 4.7305	4.5740	4.3646	4.4625	Ave		4.560 2				6.5		20.0			
1,2,4-Trimethylbenzene	++++ 6.2112	4.7169 5.3972	5.3804	5.1943	5.2698	Ave		5.361 6				9.0		20.0			
sec-Butylbenzene	++++ 7.5341	5.8690 6.1926	6.5299	6.4773	6.6708	Ave		6.545 6				8.6		20.0			
4-Isopropyltoluene	++++ 6.6671	5.3267 5.7050	5.4478	5.4340	5.6296	Ave		5.701 7				8.6		20.0			
1,3-Dichlorobenzene	++++ 3.2253	2.5651 3.4076	2.8149	2.6566	2.6073	Ave		2.879 5		0.6000	12.3			20.0			
1,4-Dichlorobenzene	++++ 3.2240	2.5124 3.2861	2.8148	2.6895	2.6465	Ave		2.862 2		0.5000	11.2			20.0			
1,2,3-Trimethylbenzene	++++ 6.3570	4.8708 5.5414	5.3994	5.3351	5.3744	Ave		5.479 7				8.9		20.0			
Benzyl chloride	++++ 4.2747	3.2632 4.0241	3.7737	3.7397	3.6788	Ave		3.792 4				9.0		20.0			
Indan	++++ 6.1097	4.8458 5.2541	5.3624	5.3492	5.3212	Ave		5.373 7				7.6		20.0			
p-Diethylbenzene	++++ 3.2055	2.6034 3.1574	2.8984	2.7240	2.7640	Ave		2.892 1				8.4		20.0			
n-Butylbenzene	++++ 3.1792	2.2156 3.1680	2.5829	2.6687	2.7597	Ave		2.762 3				13.3		20.0			
1,2-Dichlorobenzene	++++ 2.9292	2.2307 2.9977	2.5877	2.5603	2.4644	Ave		2.628 4		0.4000	11.0			20.0			
1,2,4,5-Tetramethylbenzene	++++ 5.6897	4.4219 4.8399	4.2398	4.2596	4.4052	Ave		4.642 7				12.0		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.4258	0.4640 0.4035	0.3753	0.3885	0.3546	Ave		0.402 0		0.0500	9.7			20.0			
1,3,5-Trichlorobenzene	++++ 1.9808	1.5058 1.9267	1.5876	1.5053	1.5295	Ave		1.672 6				13.2		20.0			
1,2,4-Trichlorobenzene	++++ 1.8139	1.2717 1.8415	1.3847	1.3341	1.3847	Ave		1.505 1		0.2000	16.8			20.0			
Hexachlorobutadiene	++++ 0.5681	0.5996 0.5358	0.4751	0.4885	0.4905	Ave		0.526 3				9.5		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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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								
Naphthalene	++++ 6.2269	4.3258 5.2900	4.3821	4.5105	4.7005	Ave		4.906 0				15.0		20.0			
1,2,3-Trichlorobenzene	++++ 1.6898	1.2425 1.7136	1.2897	1.2442	1.3042	Ave		1.414 0				15.9		20.0			
Dibromofluoromethane (Surr)	0.3162 0.3242	0.3114 0.3330	0.3068	0.3203	0.3166	Ave		0.318 4				2.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2958 0.3617	0.3124 0.4367	0.2944	0.3179	0.3146	Ave		0.333 4				15.2		20.0			
Toluene-d8 (Surr)	1.9057 1.8570	1.8841 1.8741	1.8808	1.9380	1.8623	Ave		1.886 0				1.5		20.0			
4-Bromofluorobenzene	0.4417 0.3986	0.4433 0.4004	0.4315	0.4458	0.4308	Ave		0.427 5				4.7		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  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-782268/4	V02680.D
Level 2	STD1 460-782268/5	V02681.D
Level 3	STD5 460-782268/6	V02682.D
Level 4	STD20 460-782268/7	V02683.D
Level 5	STD50 460-782268/8	V02684.D
Level 6	STD200 460-782268/9	V02685.D
Level 7	STD500 460-782268/10	V02686.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	++++ 447163	2202 1265521	11270	35834	107713	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 1487182	8004 4447292	35061	131399	318185	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 166698	1099 481609	4208	14689	37028	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1306499	6075 3801547	30446	117973	300088	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1455252	6992 4304322	32744	128104	332349	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1822 1423703	7391 4150825	31220	122156	312604	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	++++ 921834	4592 2569182	20980	79907	208490	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	BUT	Ave	++++ 800092	3735 2281467	18633	71314	179362	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1885420	7969 5491347	43013	152845	403855	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1450202	7212 4717211	35648	137852	360100	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	++++ 440048	2078 1333401	9245	37574	97020	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 223279	1414 653391	5051	20112	49192	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 683579	3076 1967837	15464	57980	147665	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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-Methyl-1,3-butadiene	FB	Ave	++++ 1143721	4716 3342218	20038	83404	231101	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 905131	4202 2019428	20671	73406	194659	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 1624936	6855 3992064	32677	127776	341289	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 1035522	4739 3257151	21161	83033	220220	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 302450	4542 757659	23388	48923	129068	++++ 203	4.06 406	20.3	40.6	101
1,1-Dichloroethene	FB	Ave	++++ 1023946	4692 2964371	22060	82917	221373	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 1737341	8286 4792704	33719	138264	351728	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1154970	4179 3034111	20241	84372	236247	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 667607	3264 2049827	13521	54601	135112	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 3242581	14270 8811430	66111	270772	705973	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 732650	2513 2187771	15320	58059	155575	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 2158655	6409 6037528	40139	167112	425512	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 3082524	13452 8479229	60858	244620	638959	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	++++ 1082506	5844 ++++	21852	81504	213441	++++ 2000	10.0 ++++	50.0	200	500
Methylene Chloride	FB	Ave	++++ 1093631	5180 3086943	23742	90829	233452	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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-Methyl-2-propanol	TBAd 9	Ave	++++ 1247168	5707 3433207	25984	102116	247070	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 3409157	13556 9355442	67429	280197	707907	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 1160271	6042 3420267	24030	93845	238736	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3832 5796159	19525 13466569	114245	463530	1178029	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 1669646	7437 4848310	33599	143120	359473	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 3531219	13966 9585767	69409	284913	739989	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 2118224	8561 5839454	43243	169795	430354	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	++++ 640932	2280 1894066	13291	49357	133137	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 1084091	4538 3179147	22681	89334	232874	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 3383097	13903 9299696	66723	278700	712518	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 386998	2212 1114723	8192	33033	83031	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 1272081	7404 3745858	27105	98416	260424	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 361554	1754 1089995	6685	26616	70481	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	++++ 962287	3393 2801111	18021	71502	187837	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	++++ 1220300	4228 3484753	23472	100121	252614	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 1949054	7639 5251902	43841	169901	409267	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 552464	2089 1592573	12297	43984	114202	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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
Tetrahydrofuran	BUT	Ave	++++ 408172	1503 1163426	8461	33563	83336	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 6804134	22212 15832227	125475	510348	1348783	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1930217	8634 5567626	37888	150727	388436	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1962359	7360 6097472	39232	158785	412009	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 1721035	7083 5094672	33106	137344	352241	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 1423503	5868 4313832	26475	108646	284334	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 1701094	6343 5103949	33609	132070	345080	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 2249472	5809 5801243	34512	151849	405720	++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	++++ 3385917	15033 9255580	65741	275186	722195	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 4926779	20025 12805365	99226	392549	1014211	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Qua2	++++ 625056	4599 1843865	13636	51210	120977	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 3524414	13642 10056084	69046	289808	755141	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 1275957	5731 3661547	25598	104069	259876	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 314978	1213 876646	6620	26984	67789	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	QuaF	++++ 729309	1348 2055106	9942	48404	127469	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 1157538	4585 3456262	23590	88122	239561	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++	784	4419	17276	44491	++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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
			205322	562680				200	500			
Methylcyclohexane	FB	Ave	++++ 2057136	8666 6158013	39576	171547	439719	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 1146351	4609 3272112	24880	94980	238344	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 738543	3011 2050331	15195	65296	158889	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 257341	2343 716385	6032	22354	56838	++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	++++ 1840165	6890 5000966	34686	145871	382014	++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	++++ 653404	2705 1861001	13325	54287	139870	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 1395467	5795 3954518	27766	109792	282546	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 666574	3028 1828578	12447	49356	131898	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 774932	2821 2127254	15111	65593	163504	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	2747 2782511	9600 7325274	52735	223752	567737	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1929628	7606 5398585	37251	154257	401054	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 6422466	21250 15069258	114412	494351	1270009	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 5478424	20226 13763842	99544	410208	1089639	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1748592	6394 4818902	33611	140707	364676	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 1644625	5945 4559785	29775	128204	333086	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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-Trichloroethane	CBNZ d5	Ave	++++ 877038	3365 2410143	17702	70610	180667	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 1020796	4007 2940284	20518	82729	216710	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1794712	7130 4783624	36654	148297	373743	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 4259760	14499 10686746	78025	333975	854519	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 1753269	8481 4628652	35898	146957	373472	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 981209	3309 2614629	18952	78921	206060	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 1045373	3939 2782125	20152	84291	219124	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 3125602	12328 8278614	59914	243956	639054	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 1706986	6653 4787073	34135	138085	348007	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 1014318	3654 2835588	19642	79756	210375	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 2019024	8322 5487175	41863	166174	425728	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 1015670	3664 2827837	19105	79435	204500	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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
o-Xylene	CBNZ d5	Ave	+++++	7799	38851	158085	405329	+++++	1.00	5.00	20.0	50.0
			1962779	5273735				200	500			
Styrene	CBNZ d5	Ave	+++++	12525	65988	271812	714479	+++++	1.00	5.00	20.0	50.0
			3460967	8892796				200	500			
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	7155	38519	161872	409324	+++++	1.00	5.00	20.0	50.0
			1870074	4951316				200	500			
Bromoform	CBNZ d5	Ave	+++++	1954	12051	51073	130015	+++++	1.00	5.00	20.0	50.0
			645147	1750713				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	20207	101137	423314	1109233	+++++	1.00	5.00	20.0	50.0
			5257843	12018067				200	500			
Bromobenzene	DCBd 4	Ave	+++++	3904	22063	86637	226485	+++++	1.00	5.00	20.0	50.0
			1070445	3027922				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	5699	28799	124317	320206	+++++	1.00	5.00	20.0	50.0
			1607784	4393723				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	23436	123649	500395	1348302	+++++	1.00	5.00	20.0	50.0
			6294100	13441293				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	1877	8450	35195	86871	+++++	1.00	5.00	20.0	50.0
			401026	1130917				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	1503	7930	32187	83952	+++++	1.00	5.00	20.0	50.0
			389967	1099898				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	16715	80359	328303	878797	+++++	1.00	5.00	20.0	50.0
			4290708	10376912				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	20141	100462	410112	1077978	+++++	1.00	5.00	20.0	50.0
			5096183	11944714				200	500			

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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	DCBd 4	Ave	++++ 4123960	15970 10170849	82911	339435	886898	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 3644679	15344 9003235	75532	300207	768226	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 1433839	5023 4052317	27954	119116	316093	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 3377147	13903 8904371	70677	281465	752813	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 4161225	15656 10159286	83137	334972	889011	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 5047522	19480 11656477	100898	417713	1125356	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 4466666	17680 10738641	84178	350431	949706	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 2160811	8514 6414134	43495	171317	439853	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 2159907	8339 6185536	43493	173440	446464	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 4258924	16167 10430767	83430	344054	906649	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 2863836	10831 7574712	58310	241166	620610	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 4093242	16084 9890043	82858	344959	897669	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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
p-Diethylbenzene	DCBd 4	Ave	++++ 2147560	8641 5943191	44785	175666	466288	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 2129949	7354 5963150	39910	172099	465555	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1962436	7404 5642751	39985	165111	415743	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 3811875	14677 9110240	65513	274695	743144	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 285296	1540 759494	5799	25055	59821	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1327080	4998 3626614	24532	97077	258020	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1215266	4221 3466219	21396	86036	233602	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 380610	1990 1008505	7341	31502	82743	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 4171736	14358 9957480	67712	290875	792970	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 1132062	4124 3225605	19928	80235	220022	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	137175 154981	135503 171026	127032	135995	140027	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	128326 172911	135956 224301	121864	134973	139117	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	643270	650849	610558	653819	662505	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1 Analy Batch No.: 782268

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/04/2021 12:47 Calibration End Date: 06/04/2021 15:04 Calibration ID: 85877

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
			723368	764579				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	149102	153151	140092	150398	153264	50.0	50.0	50.0	50.0	50.0
			155259	163362				50.0	50.0			

Curve Type Legend

Ave = Average ISTD  
Qua2 = Quadratic 1/conc^2 ISTD  
QuaF = Quadratic ISTD forced zero



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D  
 Lims ID: STD7  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 04-Jun-2021 12:47:30 ALS Bottle#: 53 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD7  
 Misc. Info.: 460-0129741-004  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 19:58:07 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 13:30:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.528	1.539	-0.011	81	1822	0.2500	0.2711	
* 28 TBA-d9 (IS)	66	2.659	2.670	-0.011	99	34954	1000.0	1000.0	
35 Acrylonitrile	53	2.922	2.910	0.012	85	3832	2.00	1.69	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	99	210384	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	137175	50.0	49.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.454	4.453	0.001	94	128326	50.0	44.4	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	433881	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.448	5.459	-0.011	86	26862	1000.0	1000.0	
80 Epichlorohydrin	57	6.168	6.156	0.012	67	2747	5.00	5.51	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.488	-0.011	98	643270	50.0	50.5	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	84	337547	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	149102	50.0	51.7	
* 106 1,4-Dichlorobenzene-d4	152	10.626	10.625	0.001	94	158413	50.0	50.0	

### QC Flag Legend

Processing Flags

**Reagents:**

14DIOXINTER_00129	Amount Added: 0.00	Units: uL	
524freon_00037	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00138	Amount Added: 0.00	Units: uL	
GASES Li_00423	Amount Added: 2.50	Units: uL	
ACROLEIN W_00125	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00086	Amount Added: 20.00	Units: uL	
GAS Hi_00389	Amount Added: 0.00	Units: uL	
MIX I Hi_00138	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00111	Amount Added: 0.00	Units: uL	
Ethanol mix_00052	Amount Added: 0.00	Units: uL	
8FreonHi_00032	Amount Added: 0.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 53

Worklist Smp#: 4

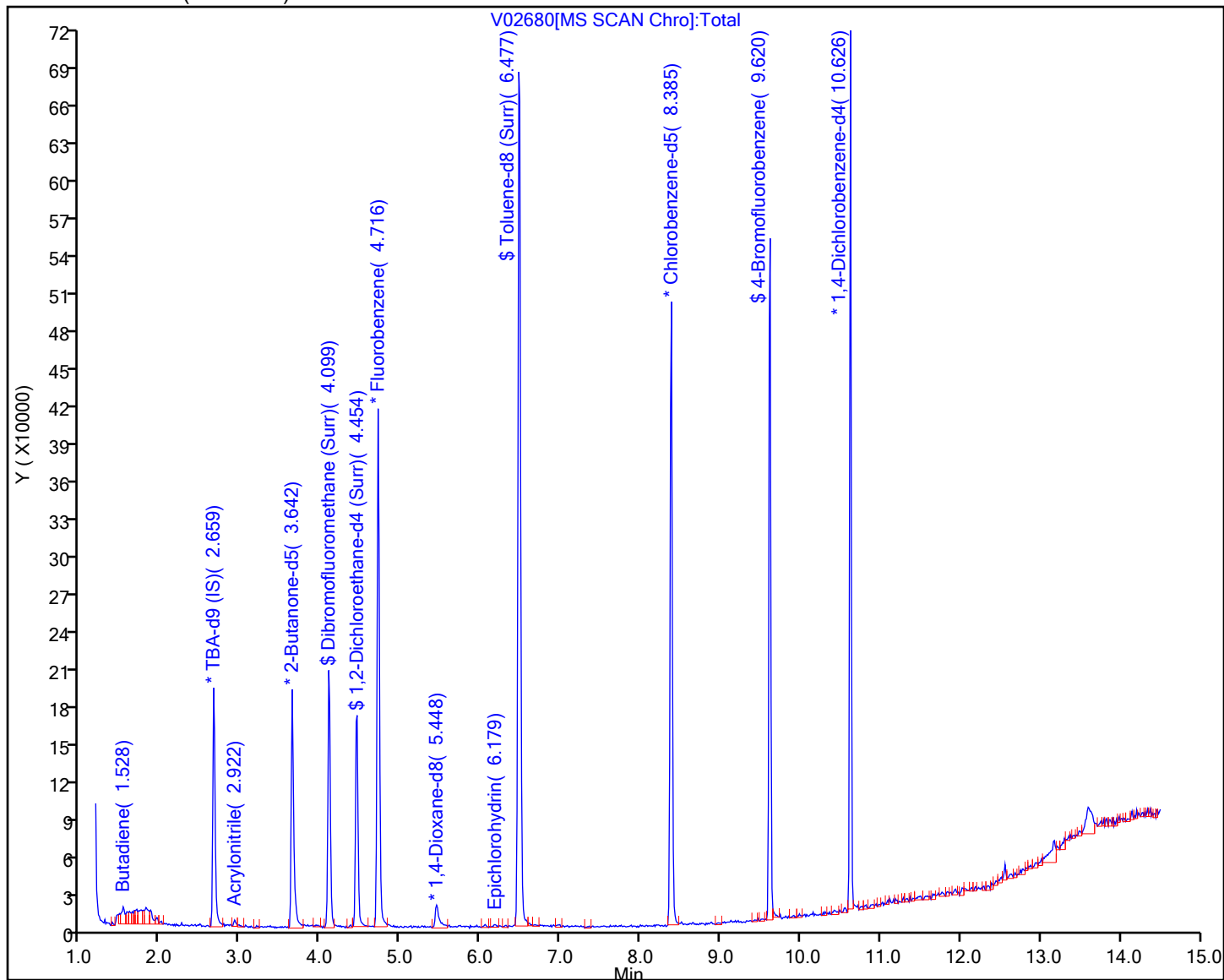
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

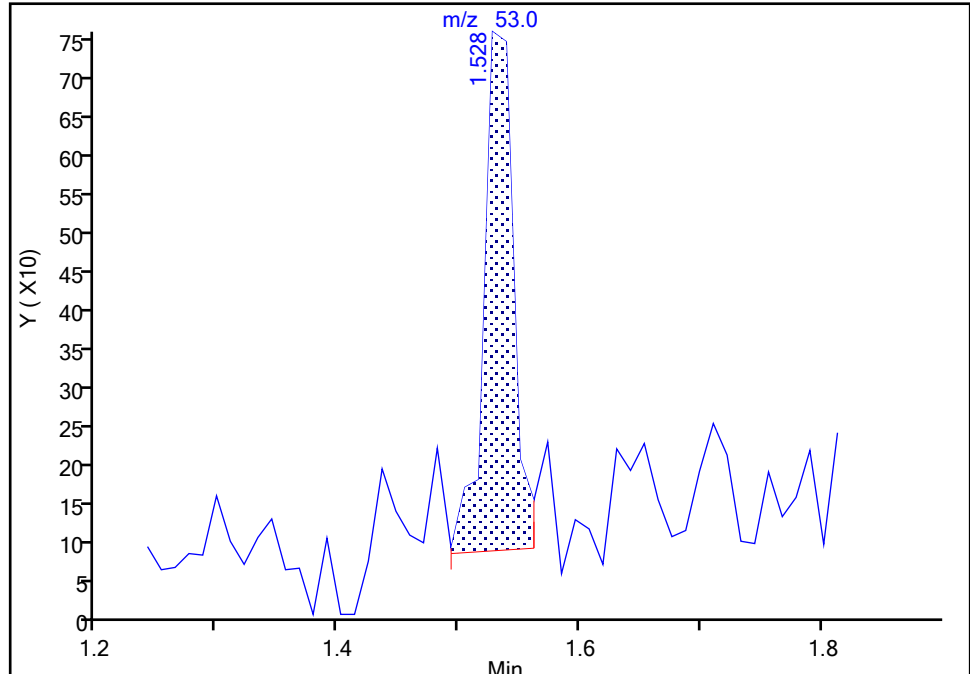
Detector: MS Quad

**8 Butadiene, CAS: 106-99-0**

Signal: 2

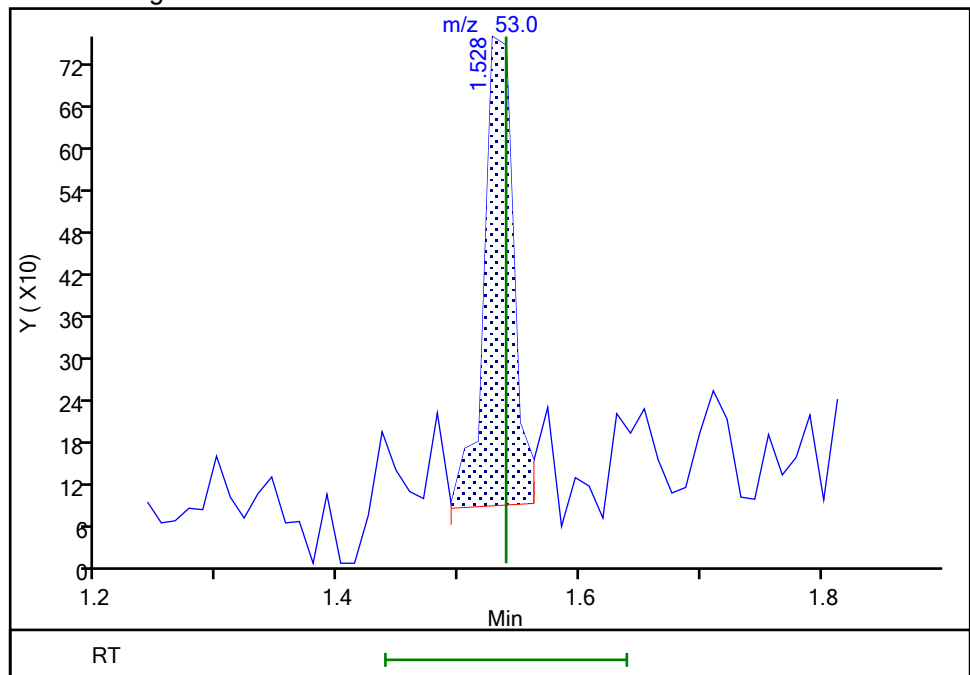
RT: 1.53  
Area: 1165  
Amount: 0.267012  
Amount Units: ug/l

## Processing Integration Results



RT: 1.53  
Area: 1165  
Amount: 0.271065  
Amount Units: ug/l

## Manual Integration Results



Reviewer: martineze, 04-Jun-2021 13:28:15  
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID  
Page 103 of 439

07/16/2021

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

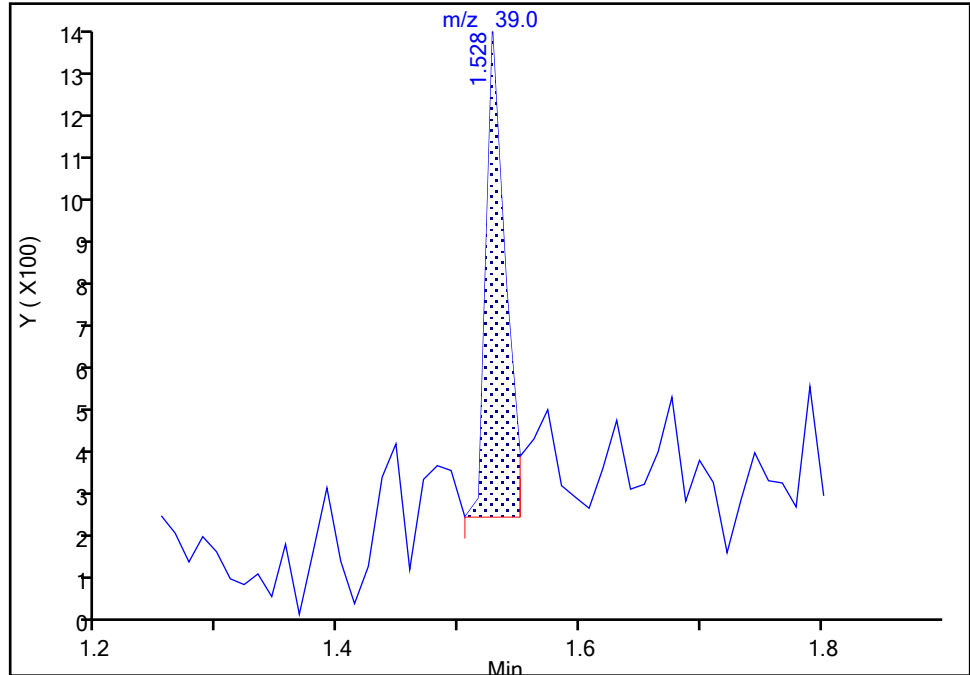
MS Quad

**8 Butadiene, CAS: 106-99-0**

Signal: 3

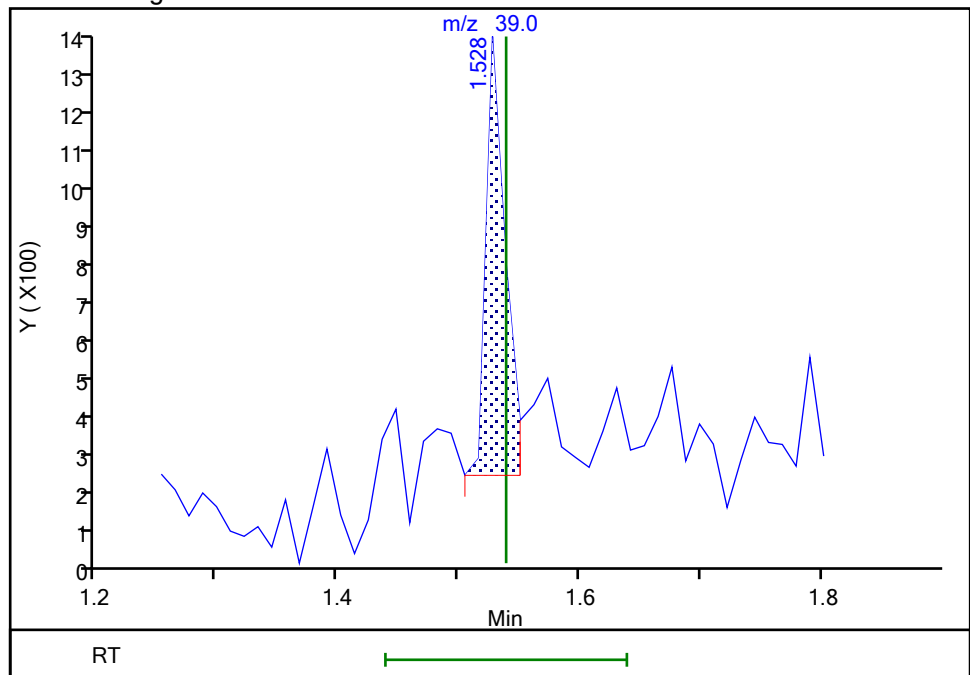
RT: 1.53  
Area: 1234  
Amount: 0.267012  
Amount Units: ug/l

## Processing Integration Results



RT: 1.53  
Area: 1234  
Amount: 0.271065  
Amount Units: ug/l

## Manual Integration Results



Reviewer: martineze, 04-Jun-2021 13:28:15  
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID  
Page 104 of 439

07/16/2021

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

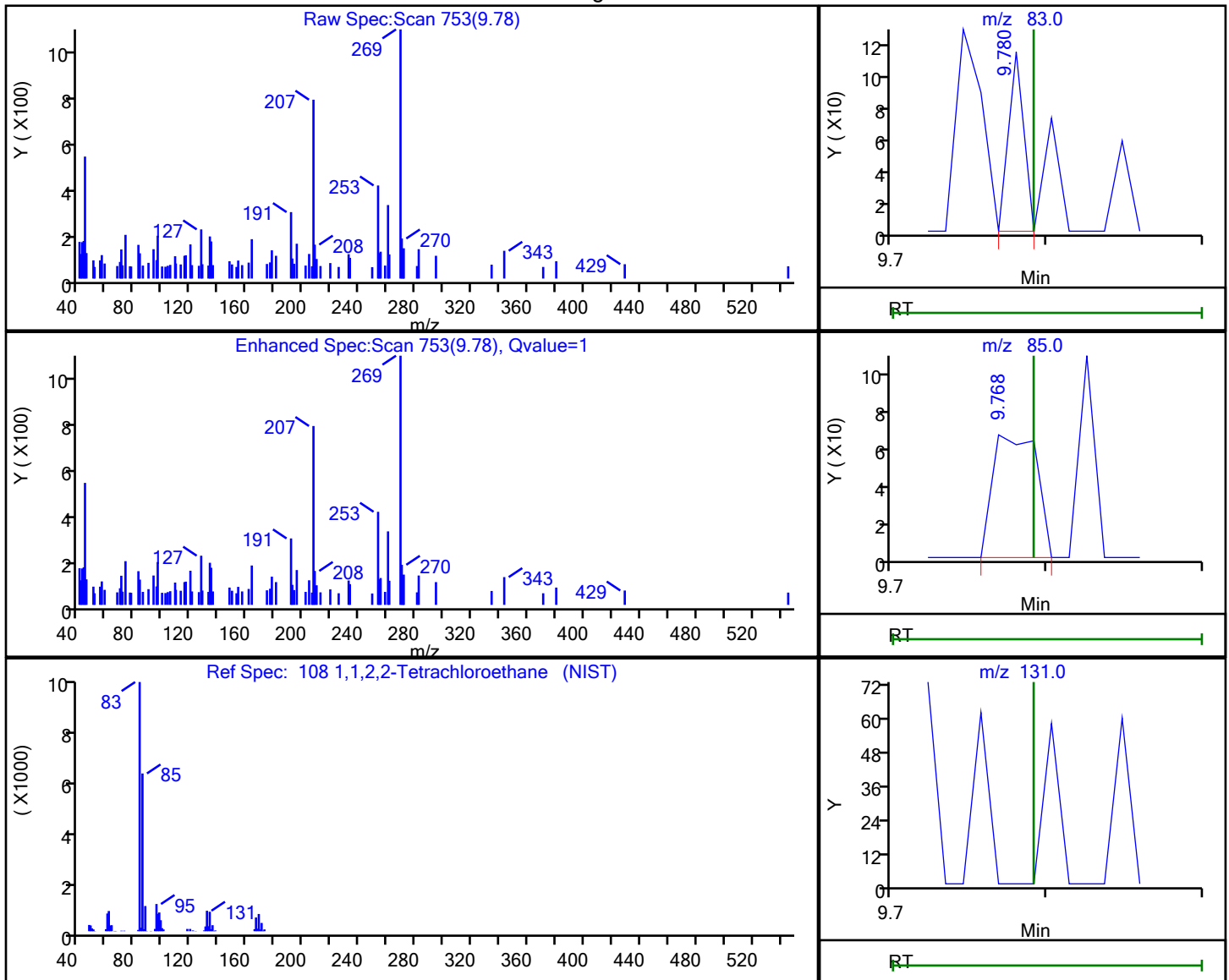
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

## Processing Results



RT	Mass	Response	Amount
9.78	83.00	76	0.013999
9.77	85.00	122	
9.79	131.00	0	

Reviewer: martineze, 04-Jun-2021 13:29:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

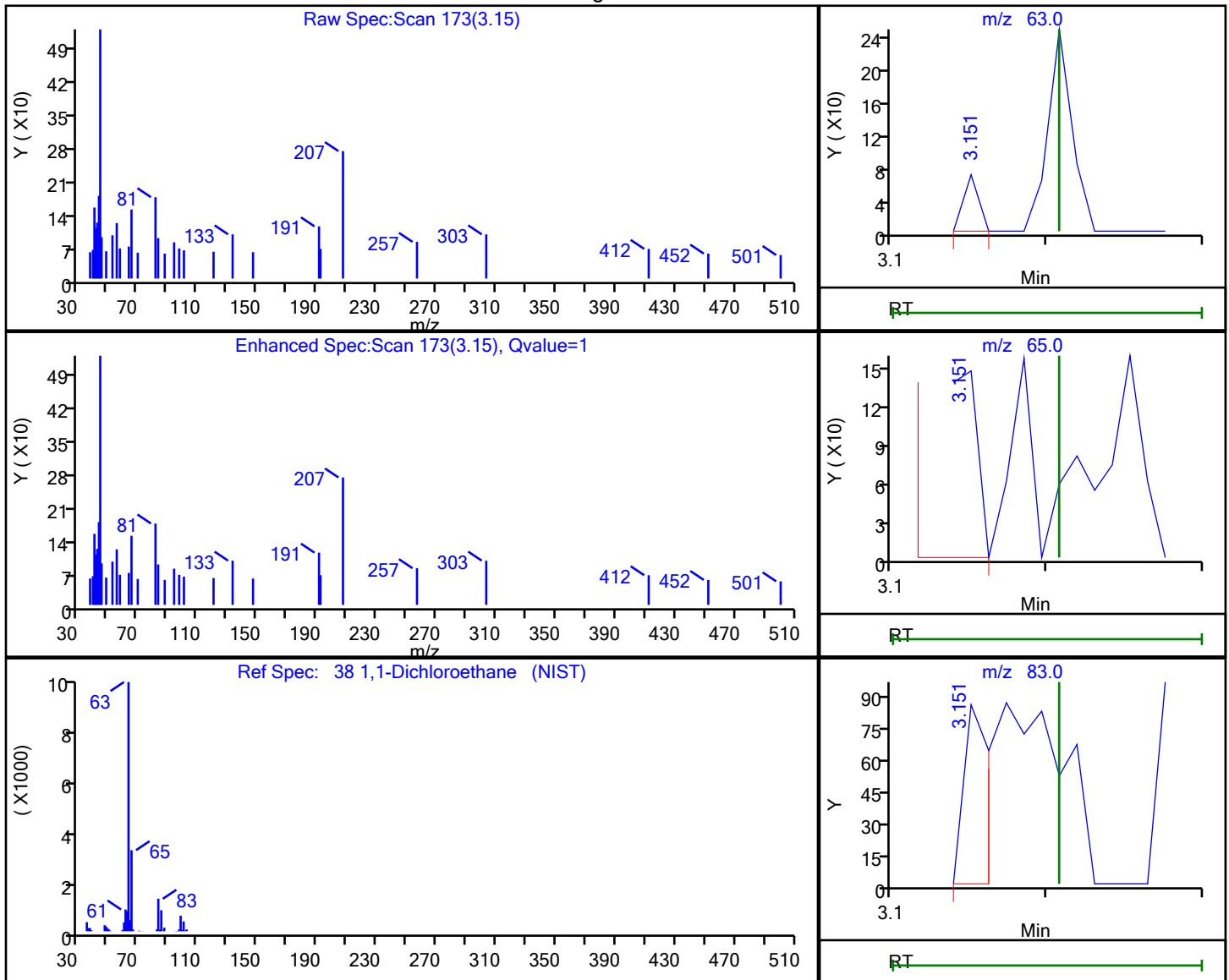
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 38 1,1-Dichloroethane, CAS: 75-34-3

## Processing Results



RT	Mass	Response	Amount
3.15	63.00	47	0.005517
3.15	65.00	230	
3.15	83.00	103	

Reviewer: martineze, 04-Jun-2021 13:28:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

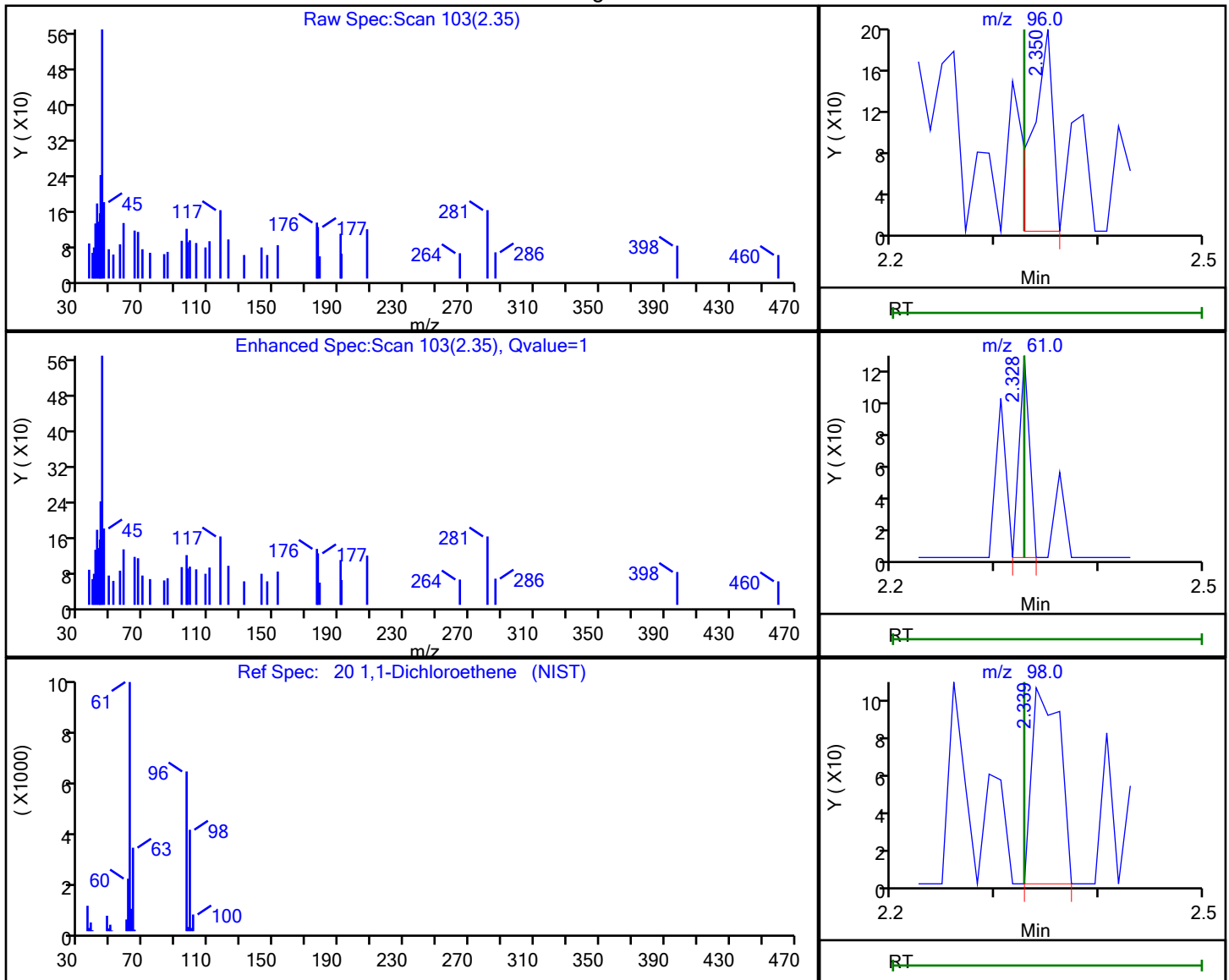
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 20 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



RT	Mass	Response	Amount
2.35	96.00	259	0.055475
2.33	61.00	88	
2.34	98.00	188	
2.33	63.00	95	

Reviewer: martineze, 04-Jun-2021 13:28:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

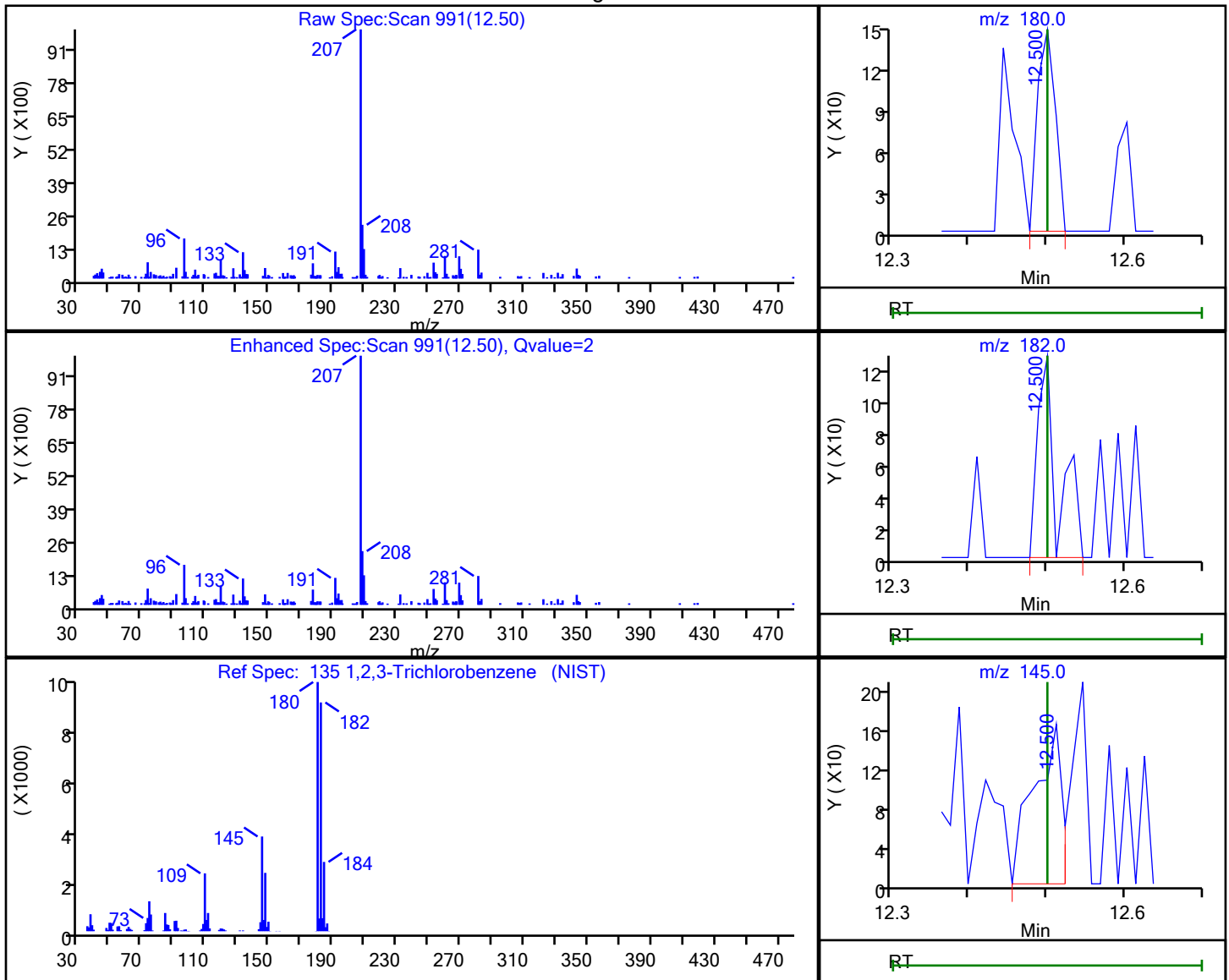
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 135 1,2,3-Trichlorobenzene, CAS: 87-61-6

## Processing Results



RT	Mass	Response	Amount
12.50	180.00	225	0.057287
12.50	182.00	237	
12.50	145.00	423	

Reviewer: martineze, 04-Jun-2021 13:30:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

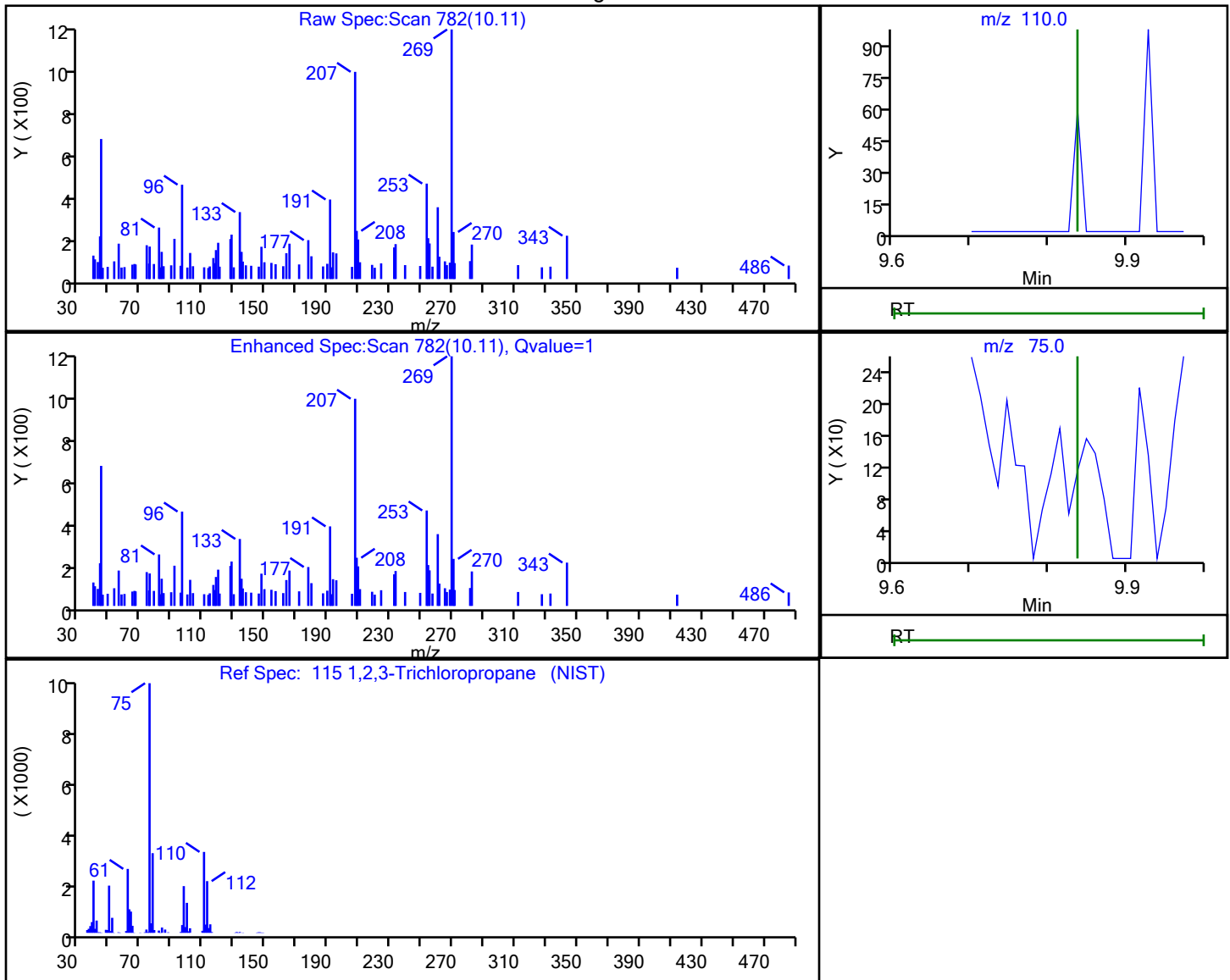
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 115 1,2,3-Trichloropropane, CAS: 96-18-4

## Processing Results



RT	Mass	Response	Amount
10.11	110.00	36	0.020134
10.11	75.00	417	

Reviewer: martineze, 04-Jun-2021 13:29:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

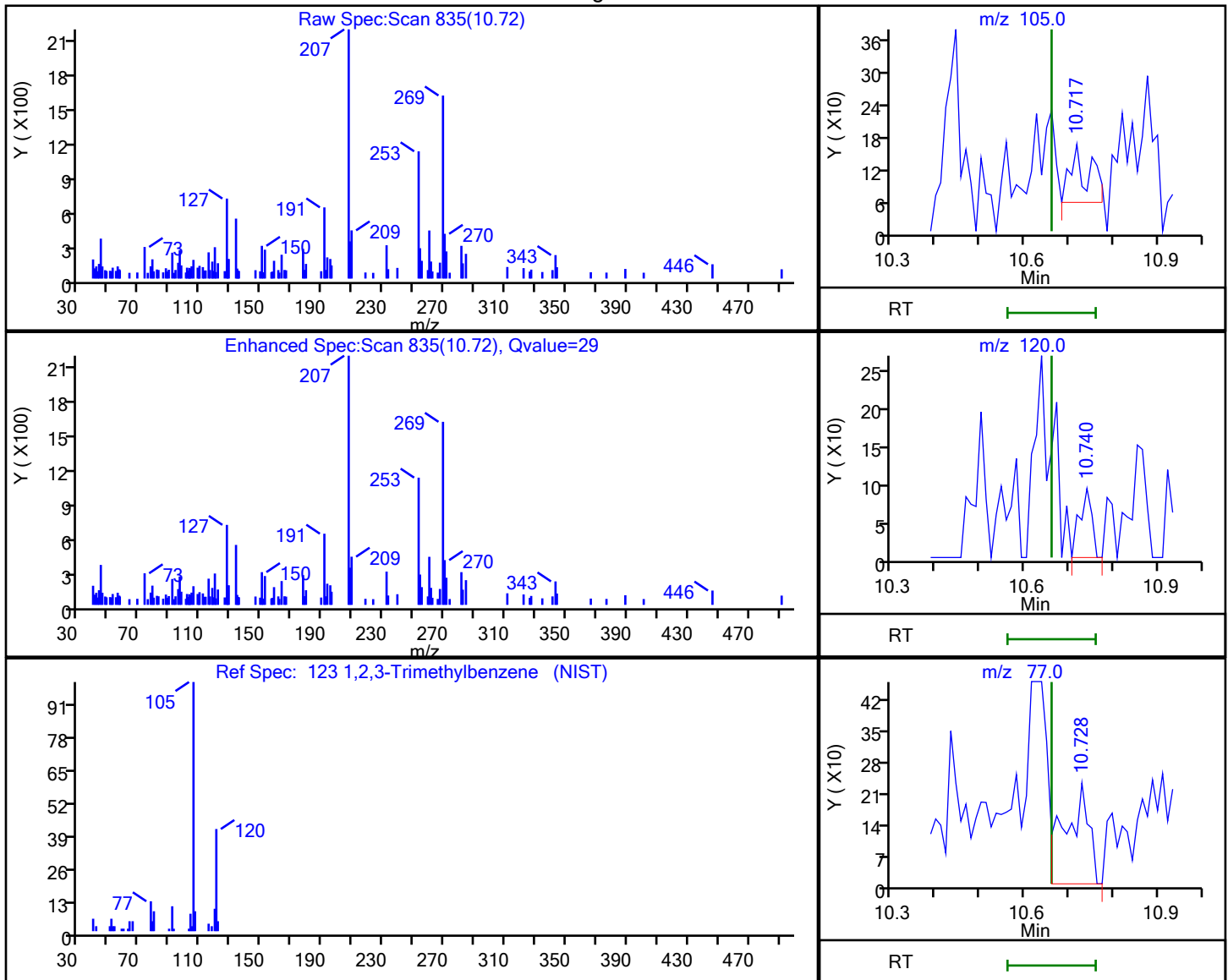
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 123 1,2,3-Trimethylbenzene, CAS: 526-73-8

## Processing Results



RT	Mass	Response	Amount
10.72	105.00	317	0.018283
10.74	120.00	176	
10.73	77.00	846	

Reviewer: martineze, 04-Jun-2021 13:30:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

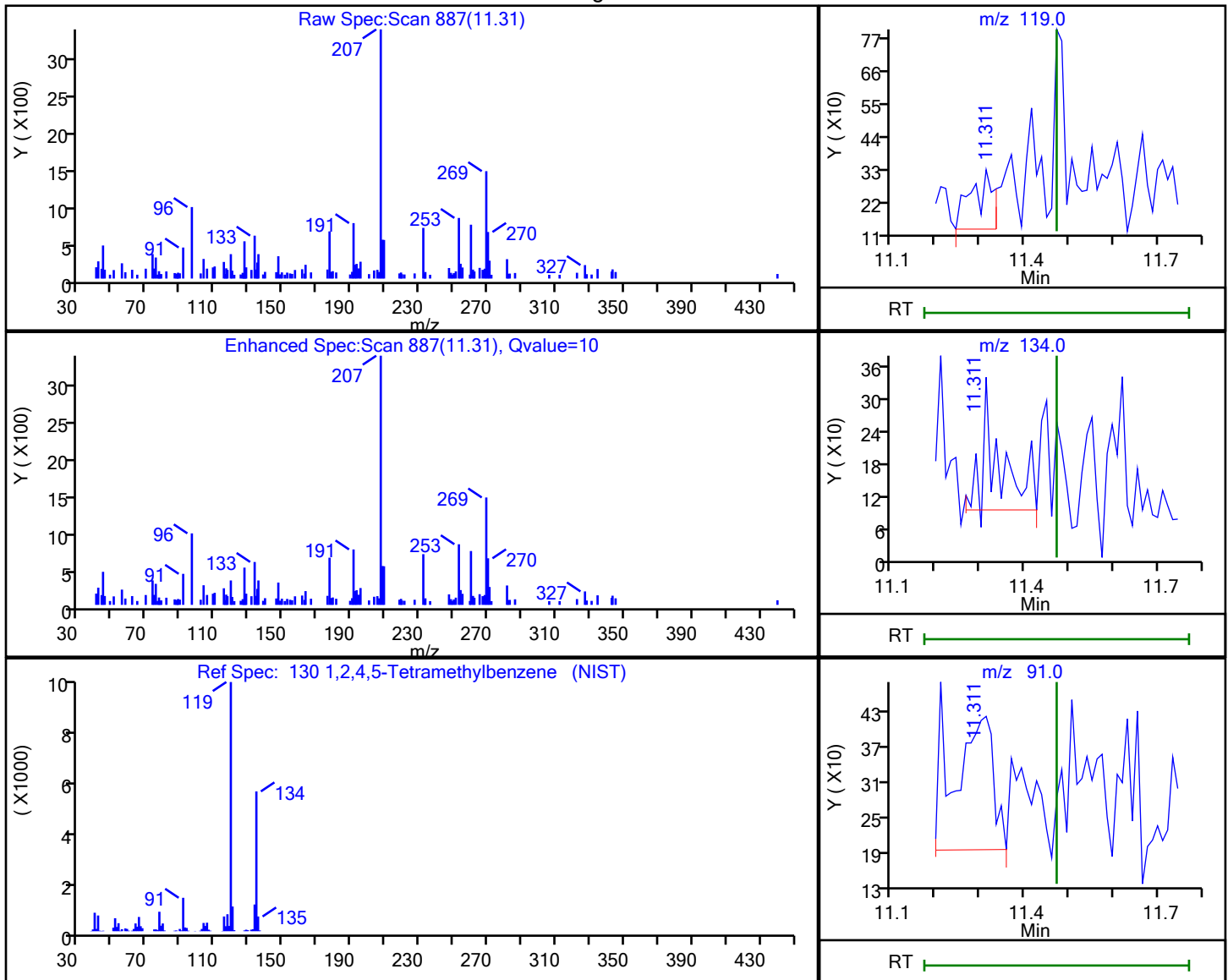
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

## Processing Results



RT	Mass	Response	Amount
11.31	119.00	692	0.048809
11.31	134.00	655	
11.31	91.00	1375	

Reviewer: martineze, 04-Jun-2021 13:30:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

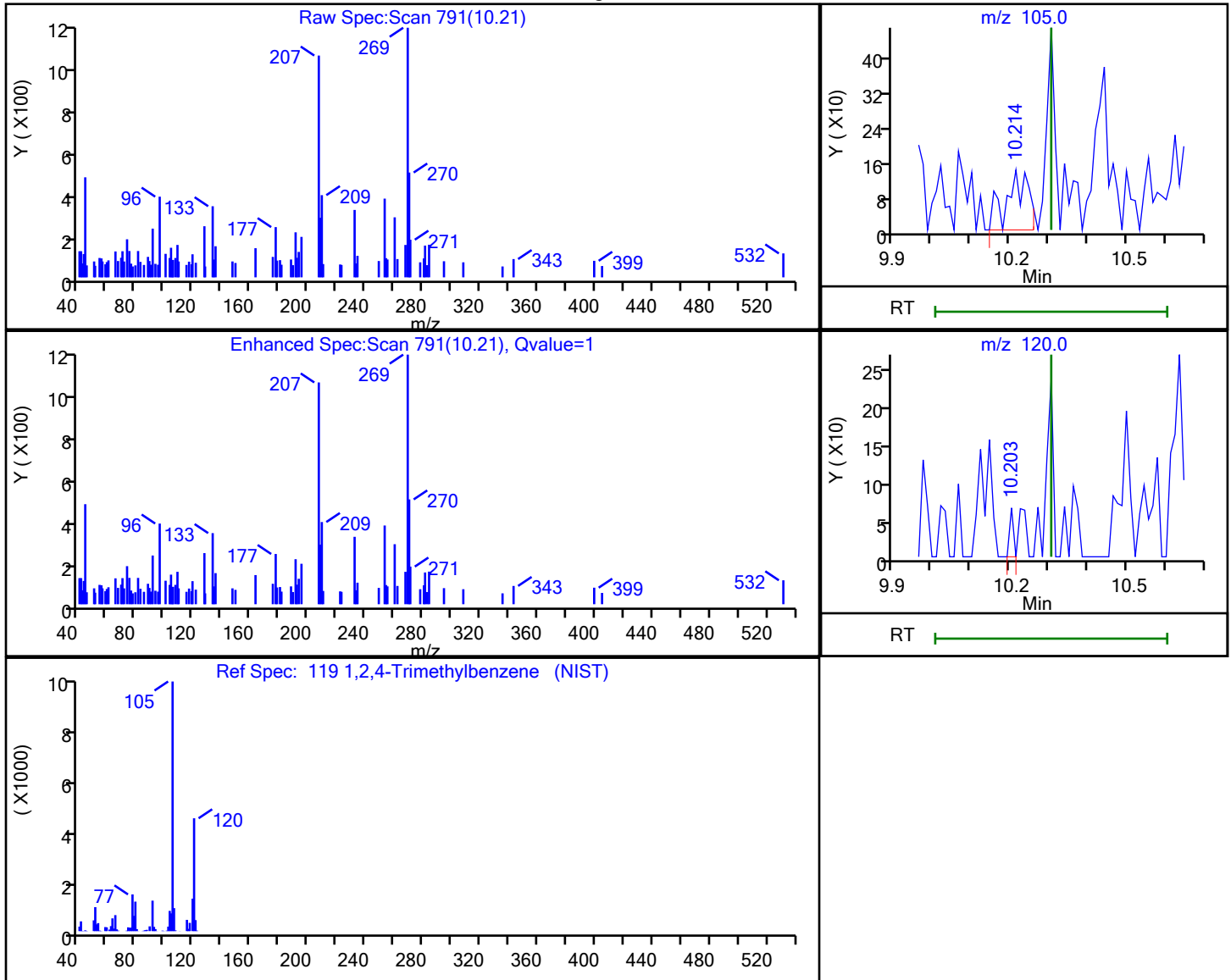
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 119 1,2,4-Trimethylbenzene, CAS: 95-63-6

## Processing Results



RT	Mass	Response	Amount
10.21	105.00	543	0.035603
10.20	120.00	45	

Reviewer: martineze, 04-Jun-2021 13:29:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

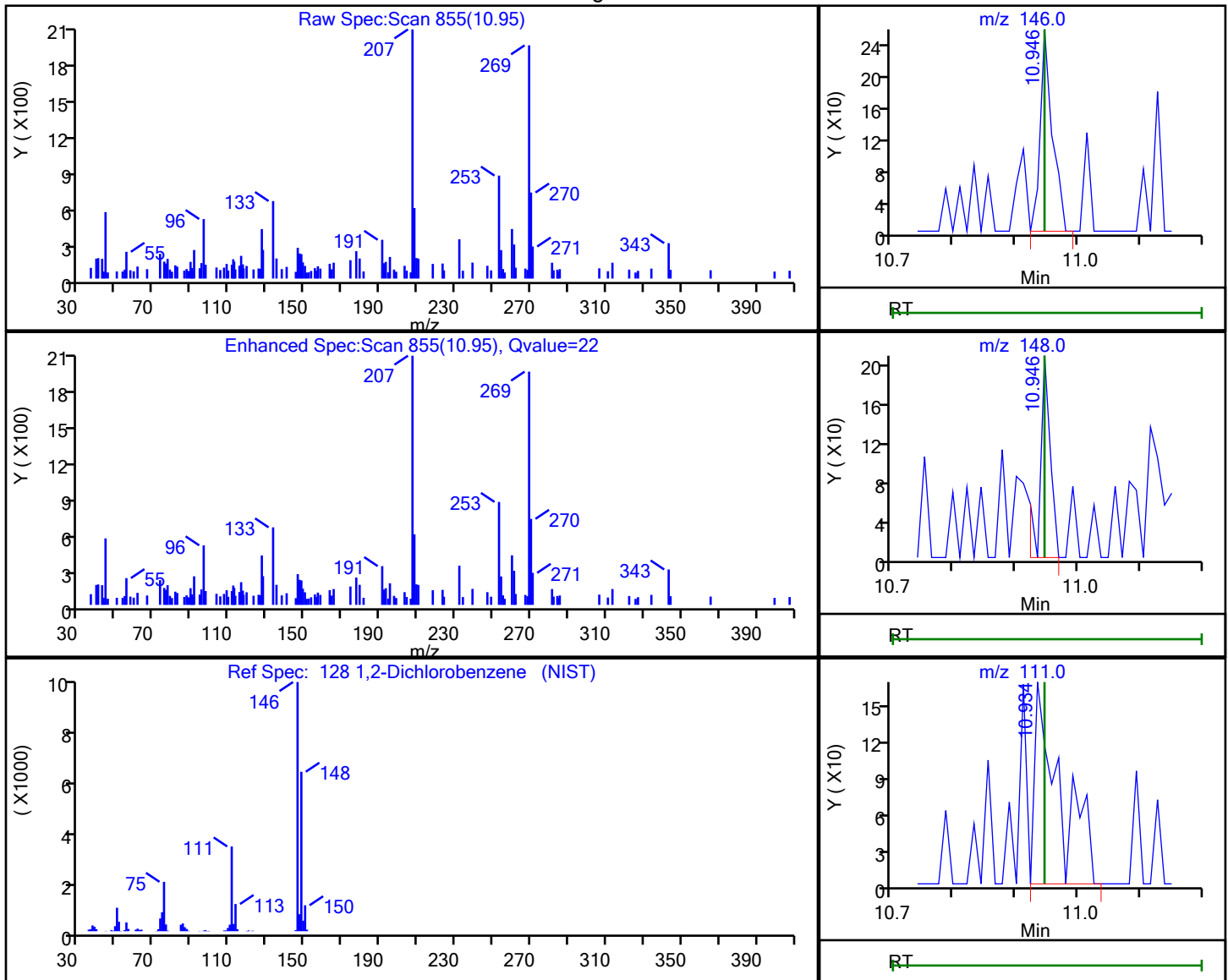
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 128 1,2-Dichlorobenzene, CAS: 95-50-1

## Processing Results



RT	Mass	Response	Amount
10.95	146.00	347	0.049198
10.95	148.00	236	
10.93	111.00	473	

Reviewer: martineze, 04-Jun-2021 13:30:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

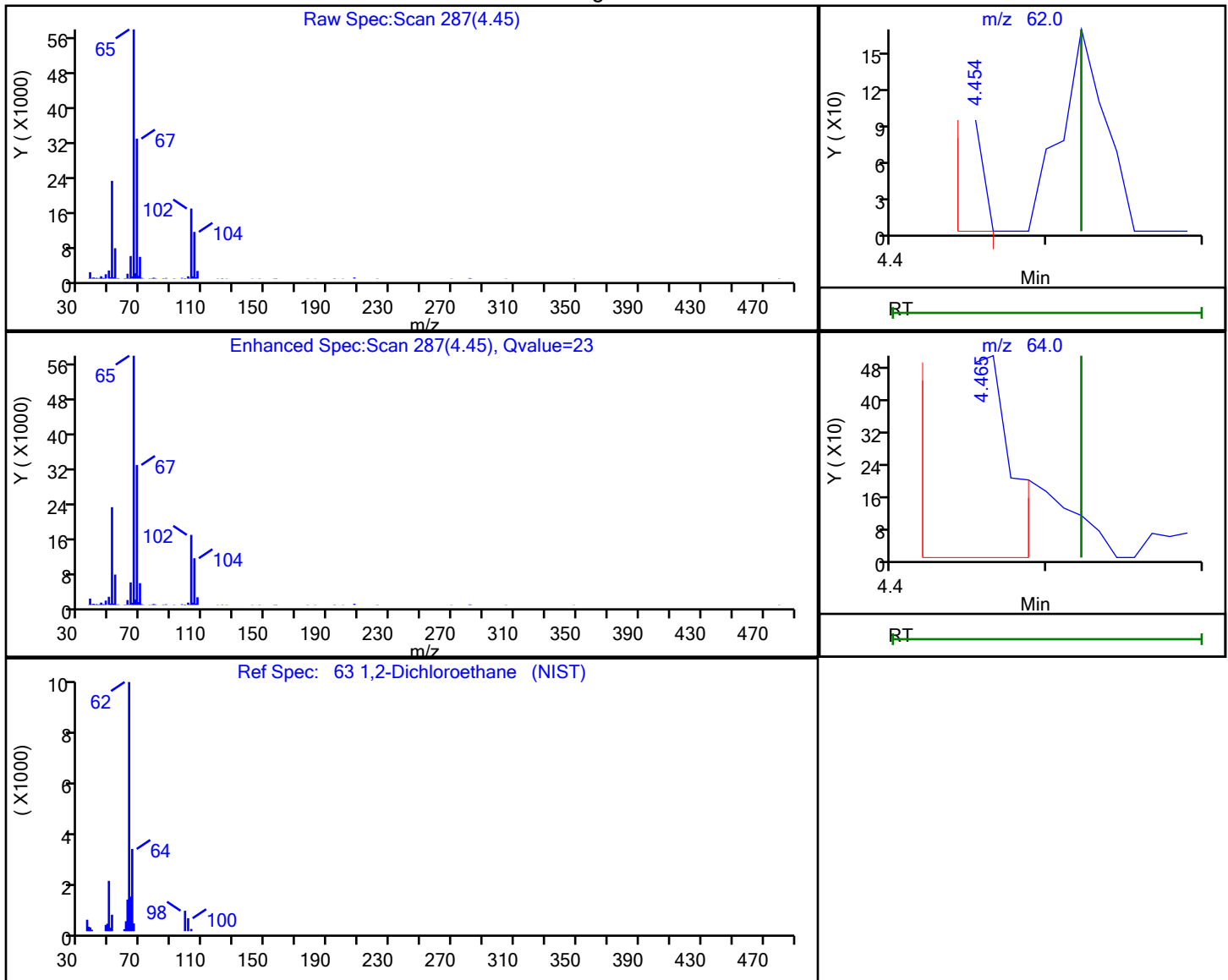
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 63 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



RT	Mass	Response	Amount
4.45	62.00	63	0.011048
4.46	64.00	1383	

Reviewer: martineze, 04-Jun-2021 13:29:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

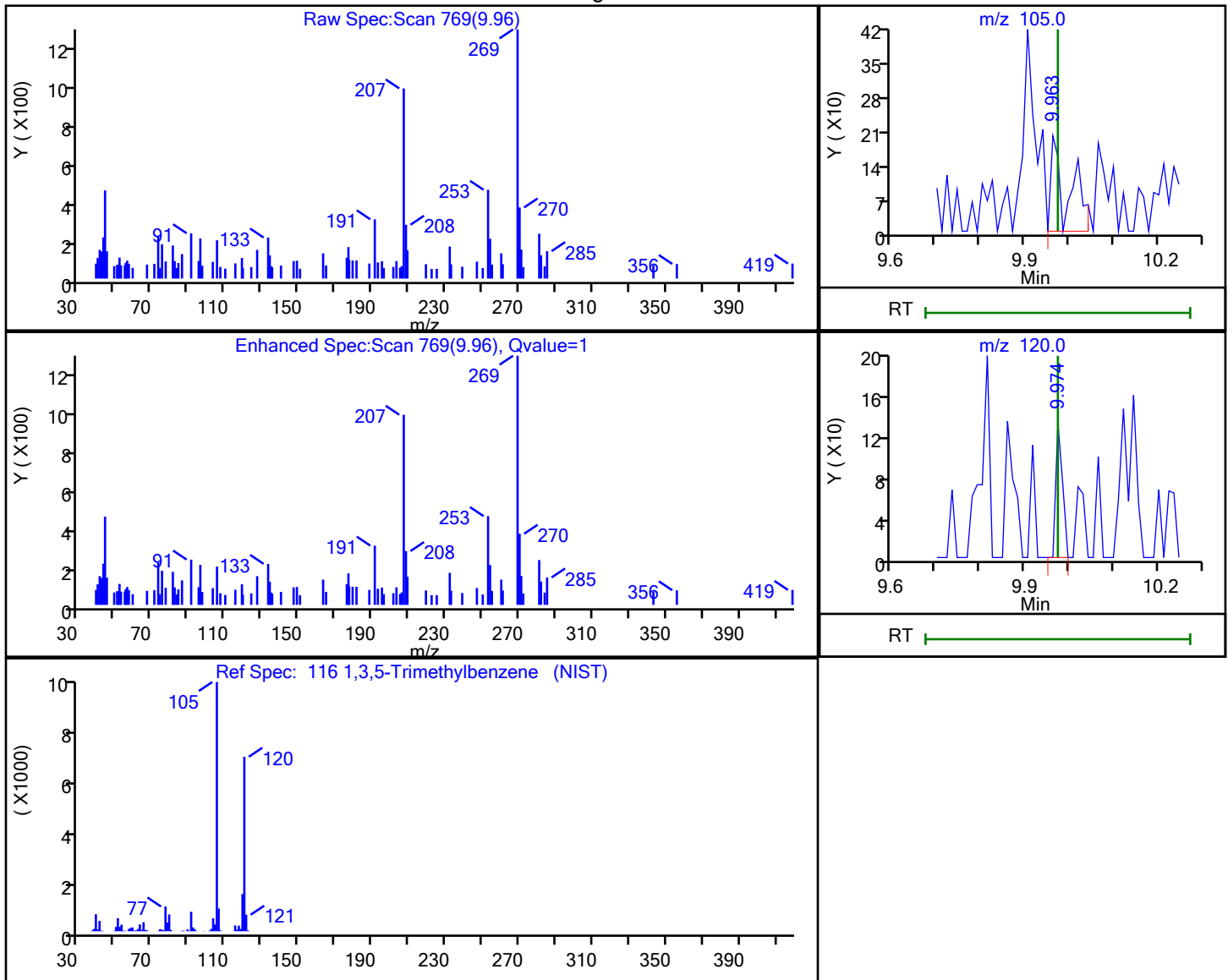
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 116 1,3,5-Trimethylbenzene, CAS: 108-67-8

## Processing Results



RT	Mass	Response	Amount
9.96	105.00	520	0.034181
9.97	120.00	135	

Reviewer: martineze, 04-Jun-2021 13:29:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

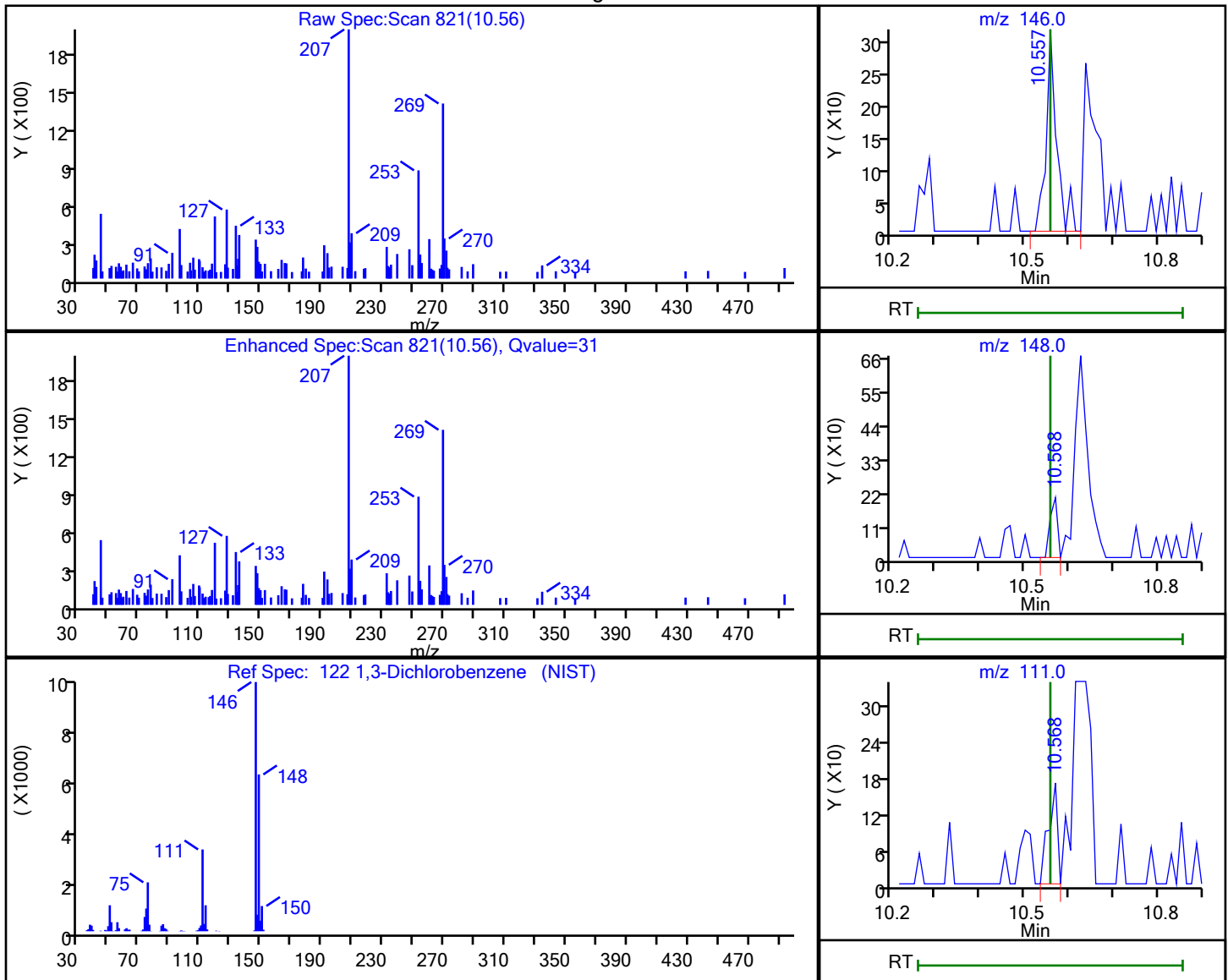
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 122 1,3-Dichlorobenzene, CAS: 541-73-1

## Processing Results



RT	Mass	Response	Amount
10.56	146.00	521	0.064563
10.57	148.00	227	
10.57	111.00	238	

Reviewer: martineze, 04-Jun-2021 13:30:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

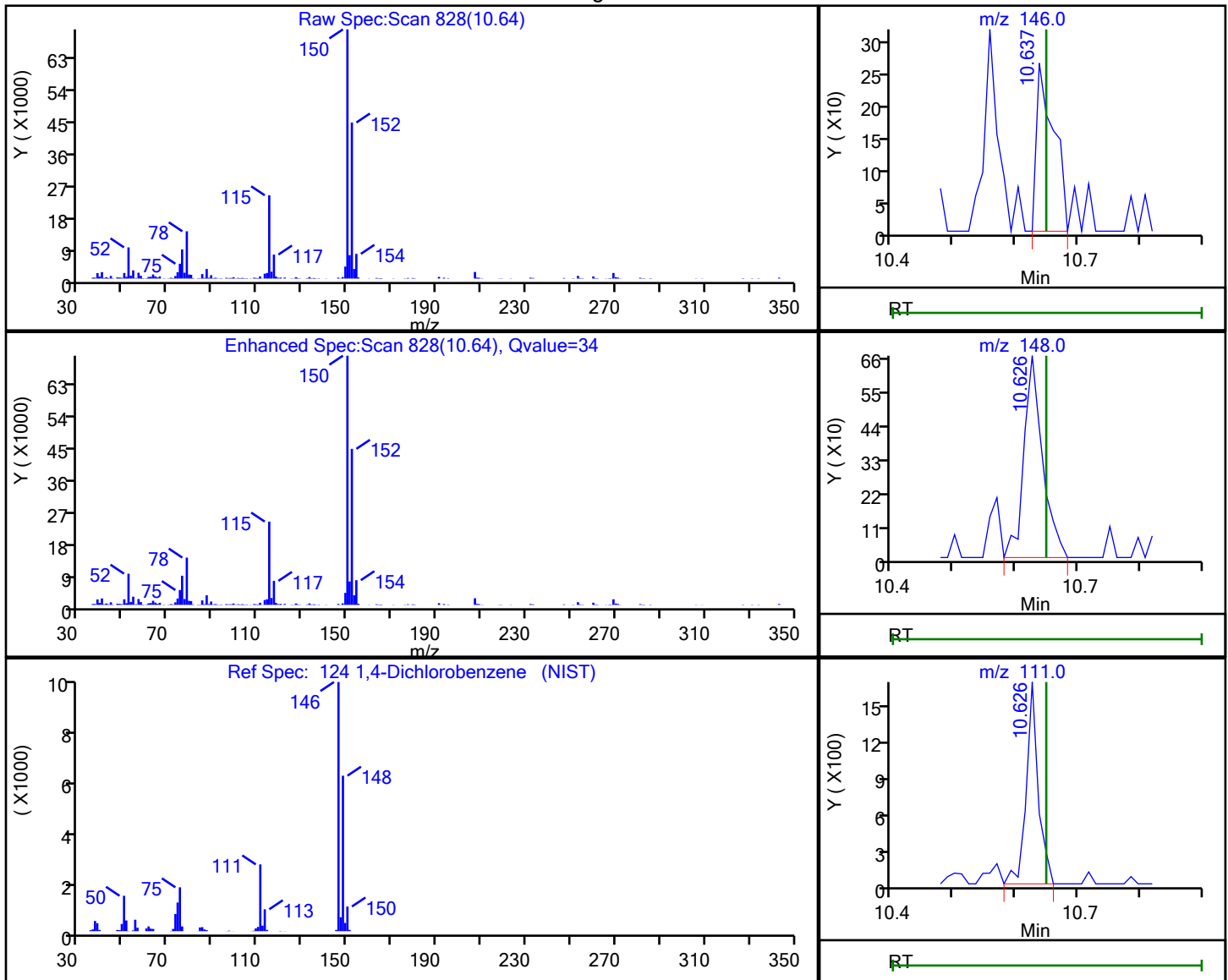
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 124 1,4-Dichlorobenzene, CAS: 106-46-7

## Processing Results



RT	Mass	Response	Amount
10.64	146.00	503	0.063319
10.63	148.00	1385	
10.63	111.00	2279	

Reviewer: martineze, 04-Jun-2021 13:30:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

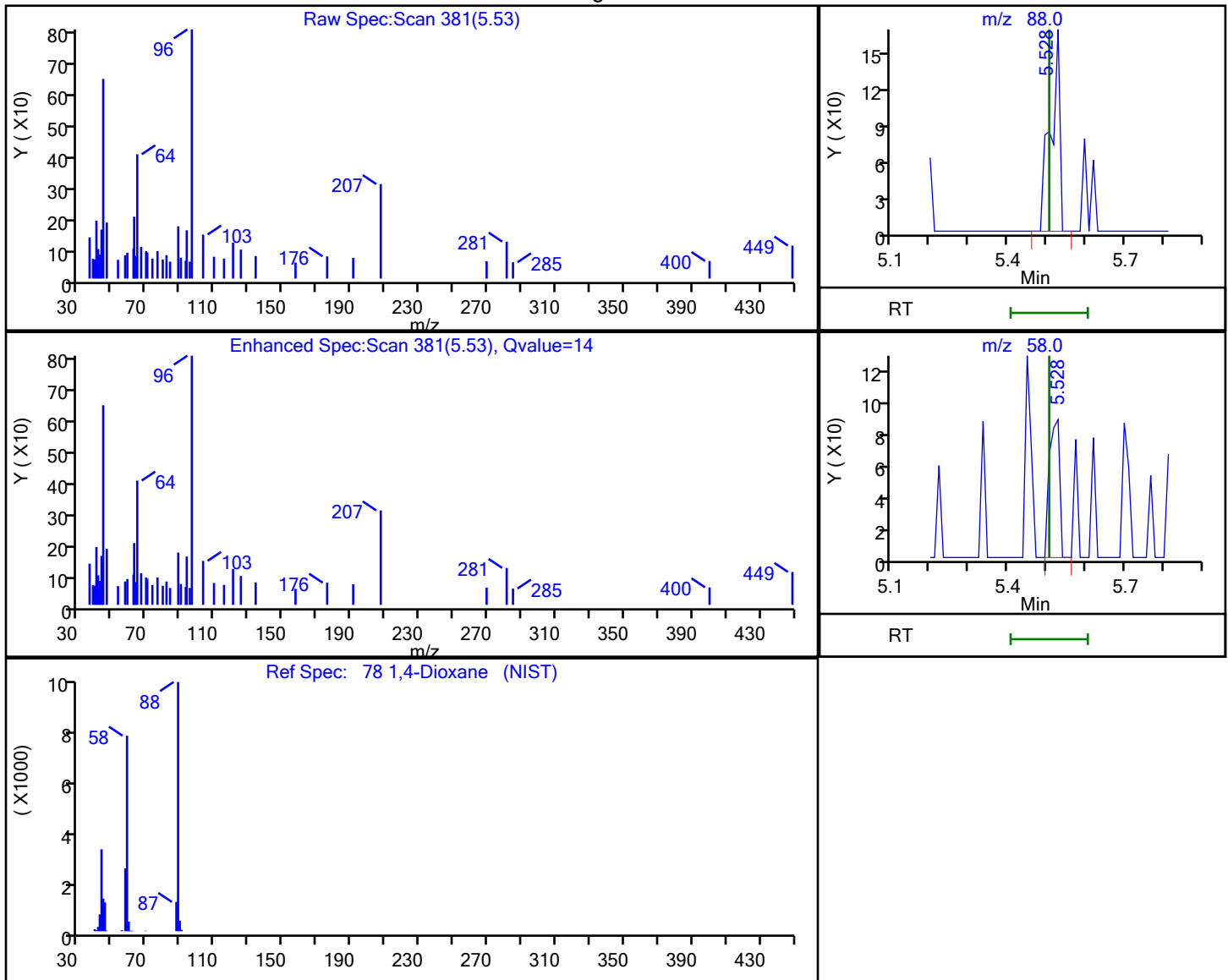
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 78 1,4-Dioxane, CAS: 123-91-1

## Processing Results



RT	Mass	Response	Amount
5.53	88.00	280	5.965243
5.53	58.00	155	

Reviewer: martineze, 04-Jun-2021 13:29:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

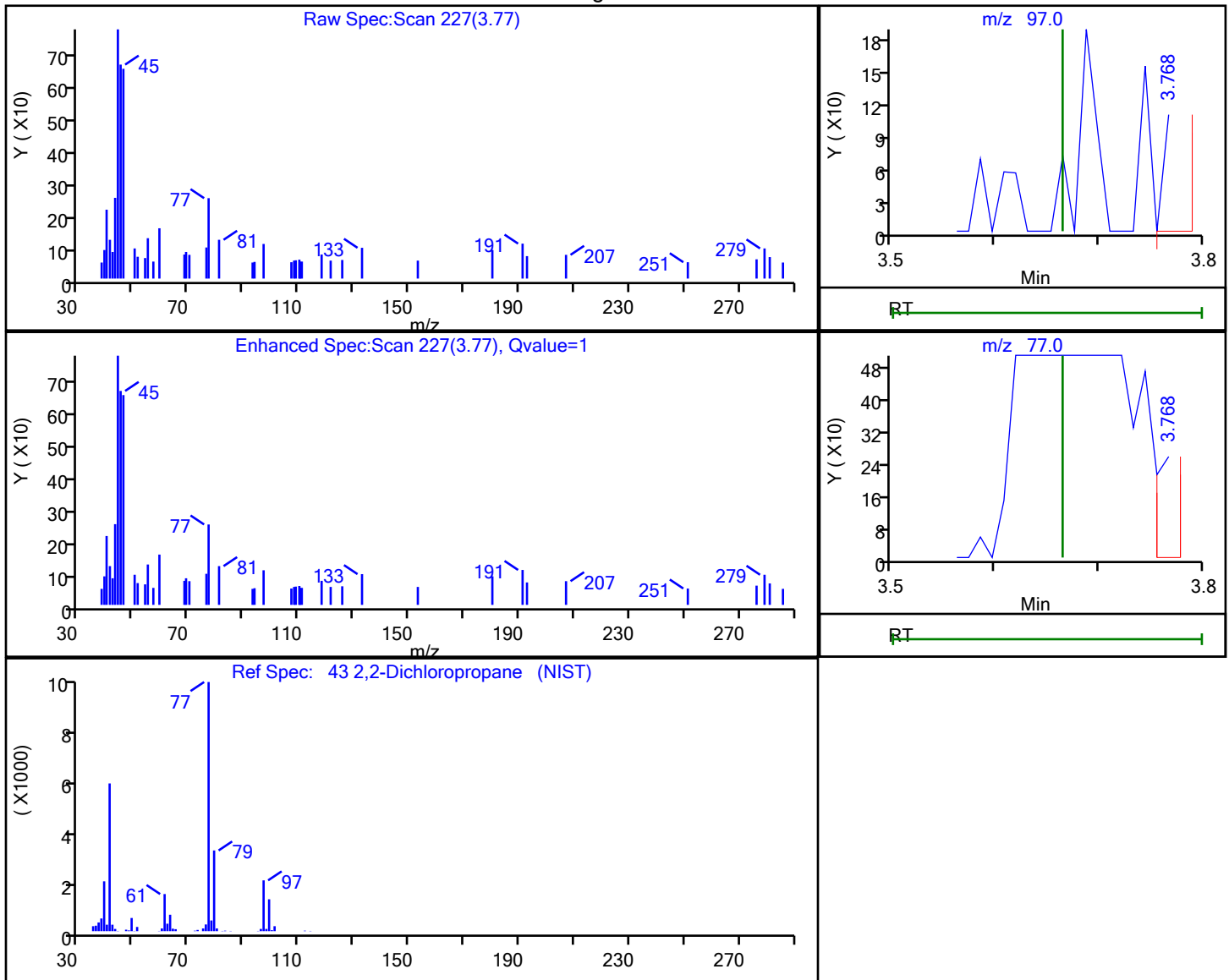
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 43 2,2-Dichloropropane, CAS: 594-20-7

## Processing Results



RT	Mass	Response	Amount
3.77	97.00	115	0.052248
3.77	77.00	448	

Reviewer: martineze, 04-Jun-2021 13:28:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

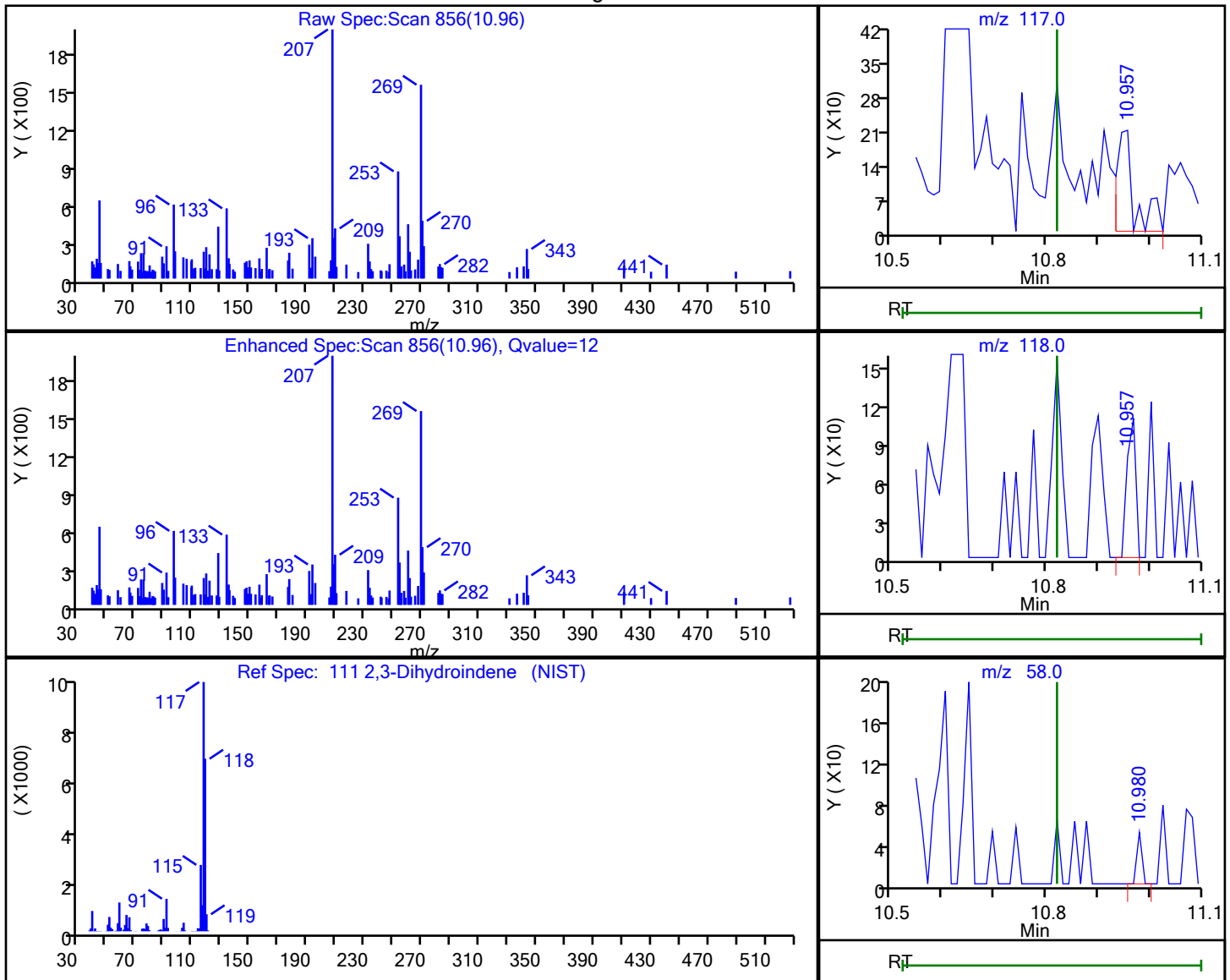
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 111 2,3-Dihydroindene, CAS: 496-11-7

## Processing Results



RT	Mass	Response	Amount
10.96	117.00	486	0.031731
10.96	118.00	129	
10.98	58.00	35	

Reviewer: martineze, 04-Jun-2021 13:30:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

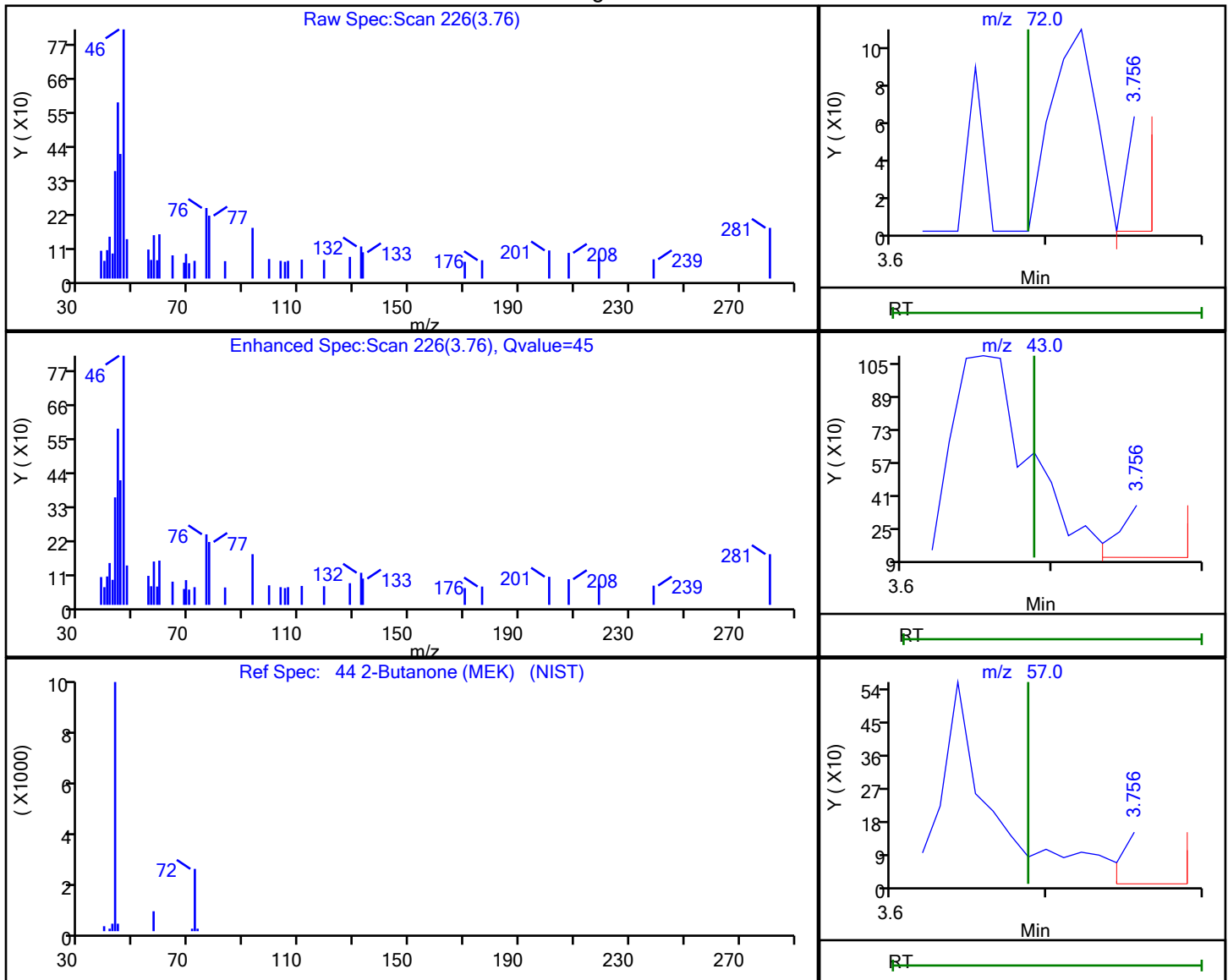
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 44 2-Butanone (MEK), CAS: 78-93-3

## Processing Results



RT	Mass	Response	Amount
3.76	72.00	40	0.063385
3.76	43.00	593	
3.76	57.00	218	

Reviewer: martineze, 04-Jun-2021 13:28:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

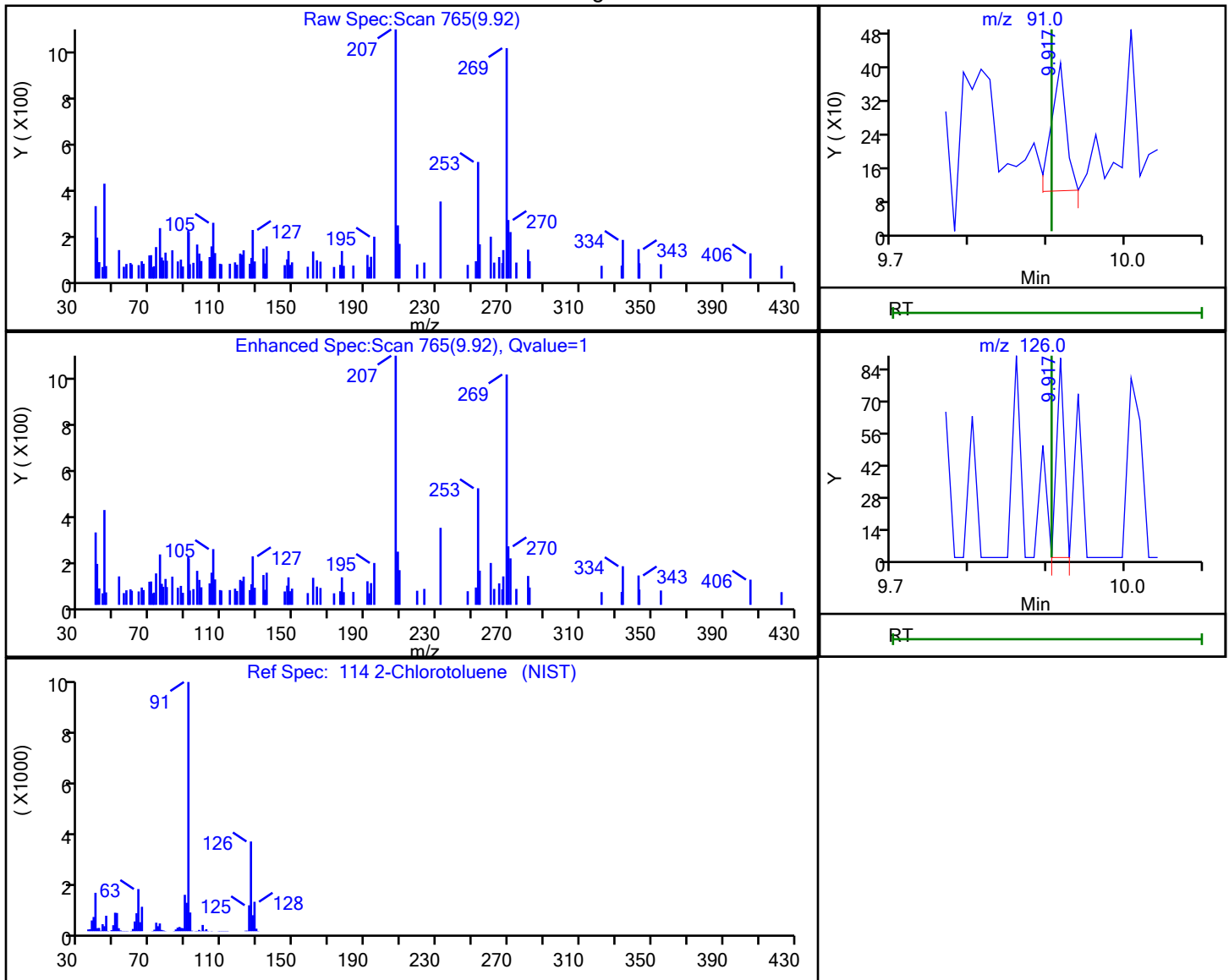
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 114 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



RT	Mass	Response	Amount
9.92	91.00	408	0.025623
9.92	126.00	61	

Reviewer: martineze, 04-Jun-2021 13:29:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

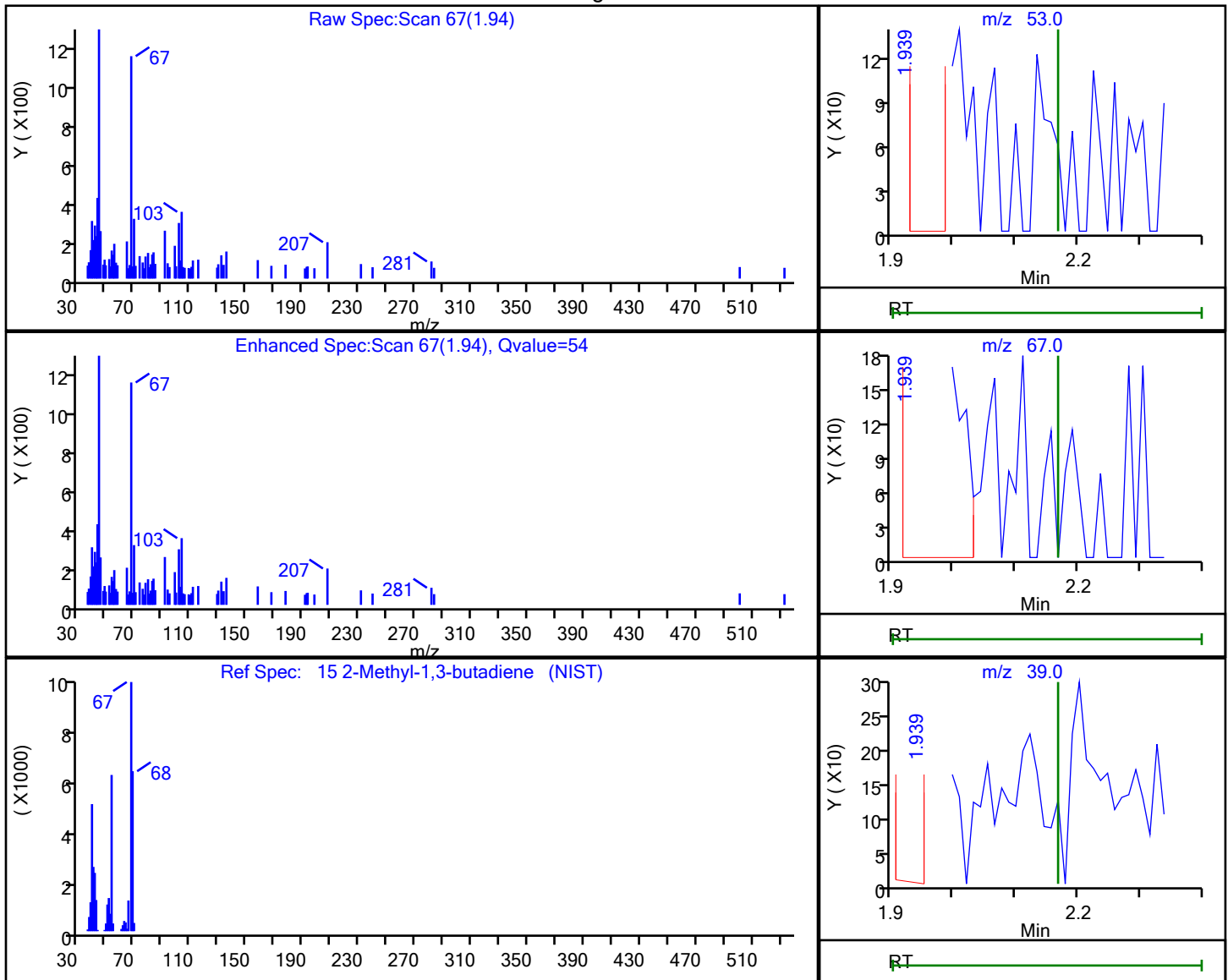
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

**15 2-Methyl-1,3-butadiene, CAS: 78-79-5**

## Processing Results



RT	Mass	Response	Amount
1.94	53.00	291	0.062012
1.94	67.00	2594	
1.94	39.00	592	

Reviewer: martineze, 04-Jun-2021 13:28:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

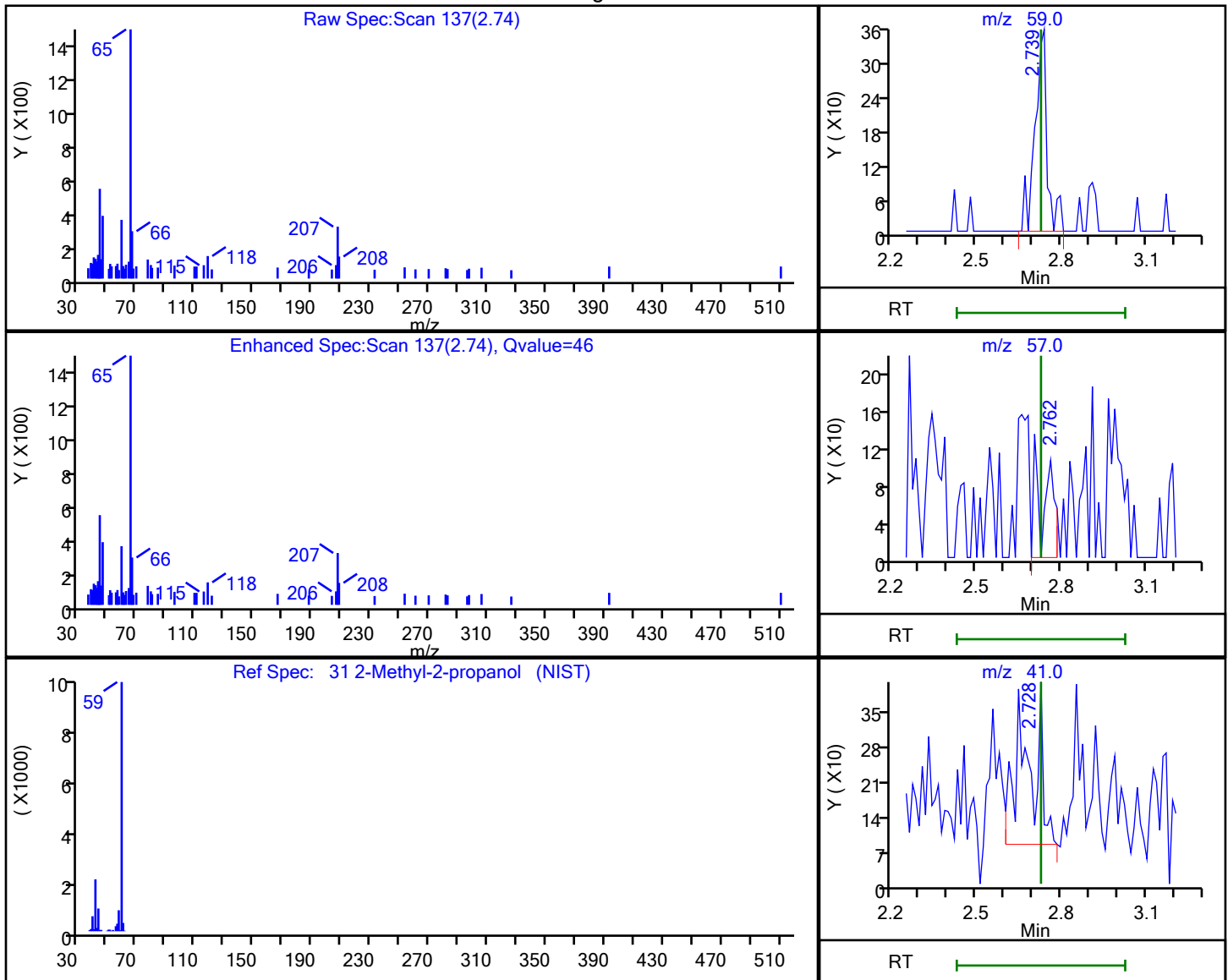
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 31 2-Methyl-2-propanol, CAS: 75-65-0

## Processing Results



RT	Mass	Response	Amount
2.74	59.00	1052	123.9119
2.76	57.00	381	
2.73	41.00	1359	

Reviewer: martineze, 04-Jun-2021 13:28:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

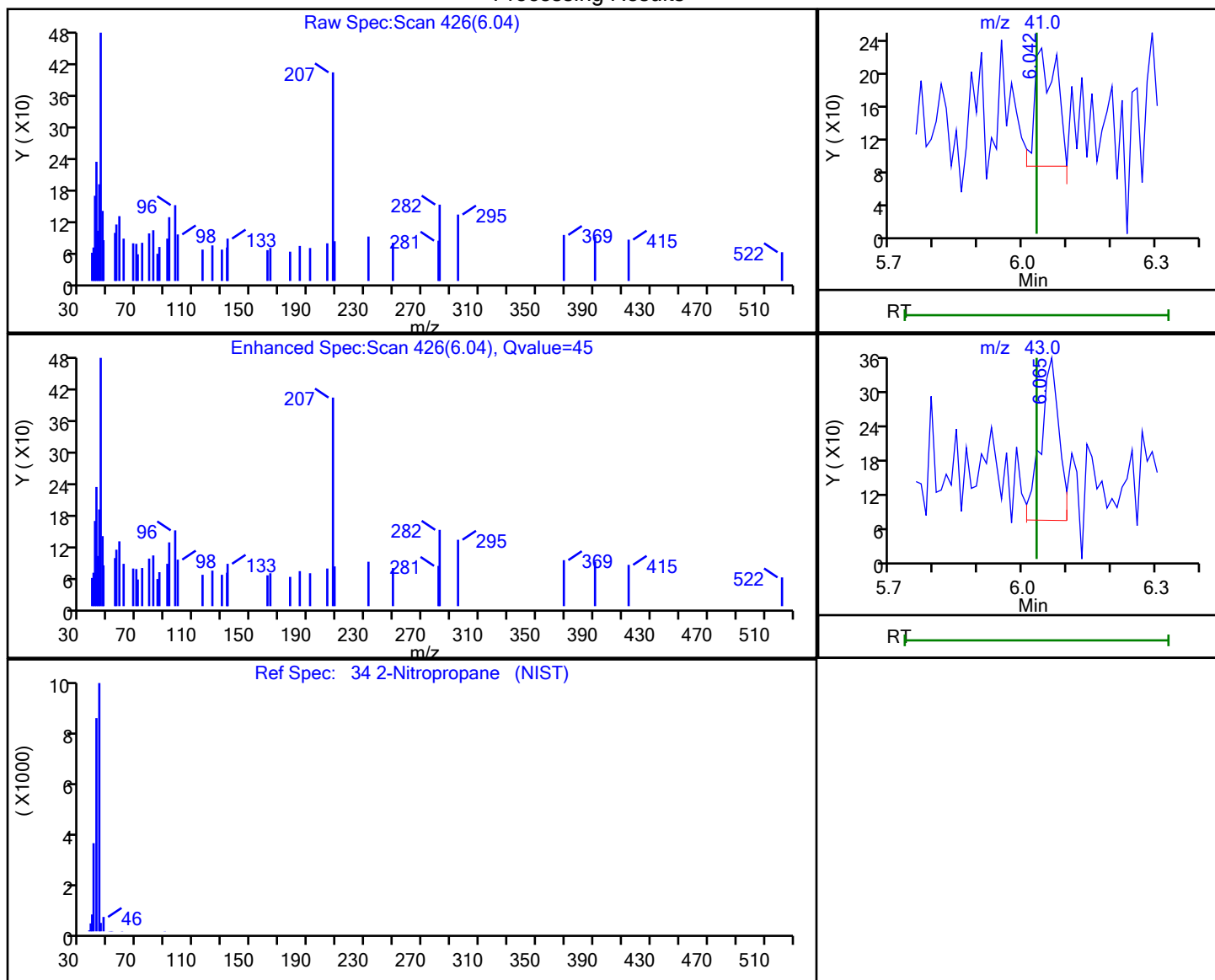
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 34 2-Nitropropane, CAS: 79-46-9

## Processing Results



RT	Mass	Response	Amount
6.04	41.00	490	0.263972
6.07	43.00	838	

Reviewer: martineze, 04-Jun-2021 13:29:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

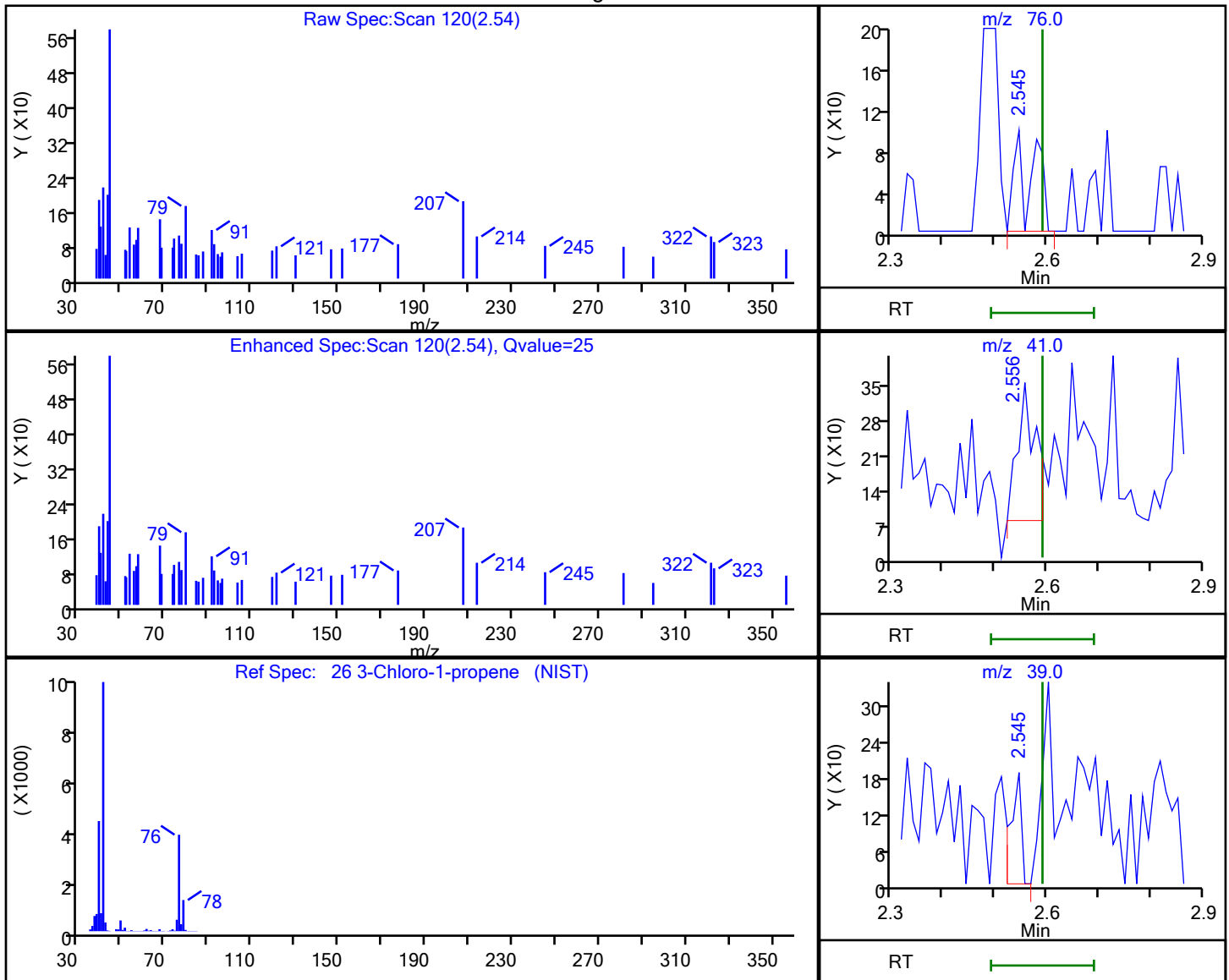
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



RT	Mass	Response	Amount
2.54	76.00	261	0.092067
2.56	41.00	676	
2.54	39.00	261	

Reviewer: martineze, 04-Jun-2021 13:28:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

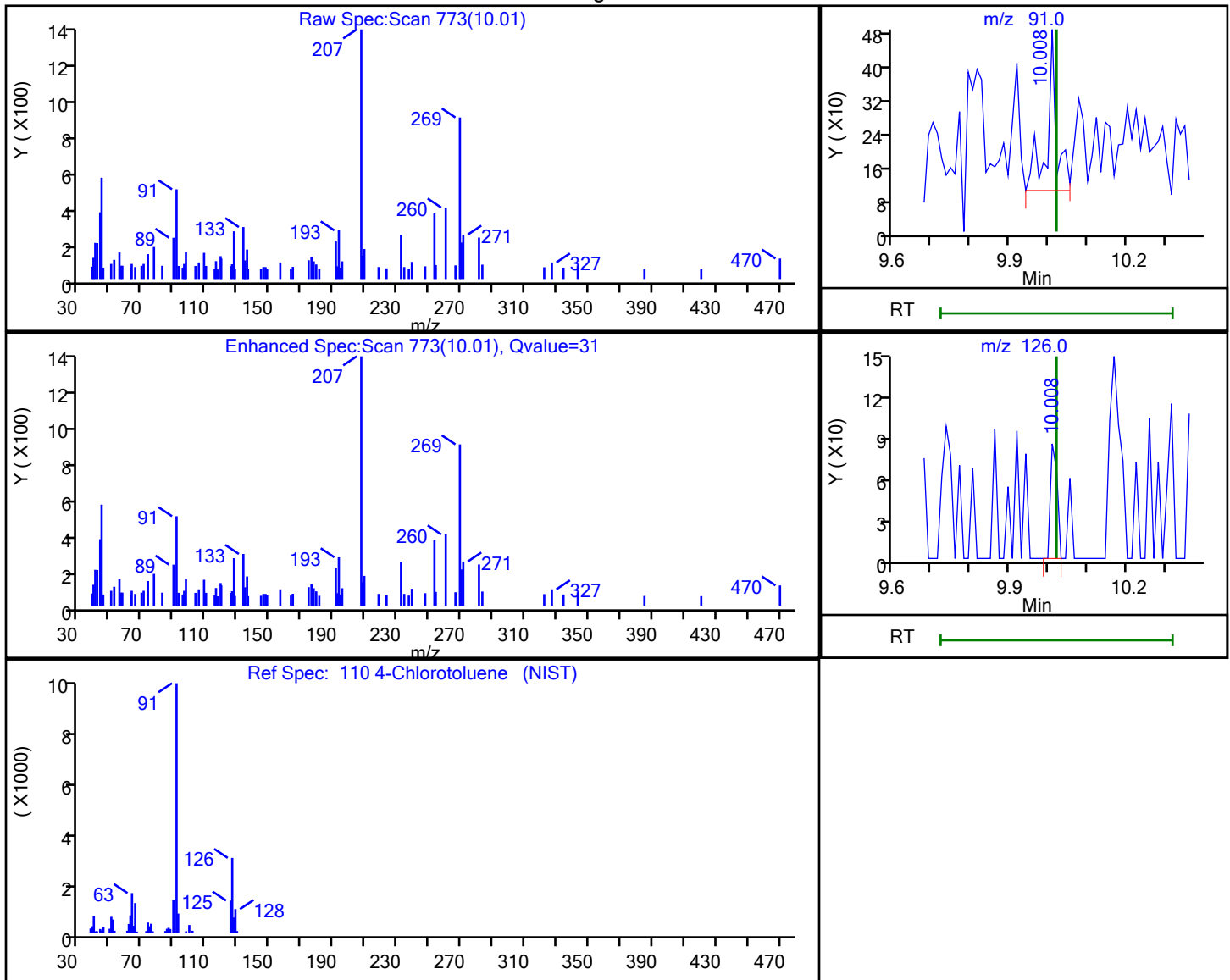
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 110 4-Chlorotoluene, CAS: 106-43-4

## Processing Results



RT	Mass	Response	Amount
10.01	91.00	649	0.041355
10.01	126.00	97	

Reviewer: martineze, 04-Jun-2021 13:29:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

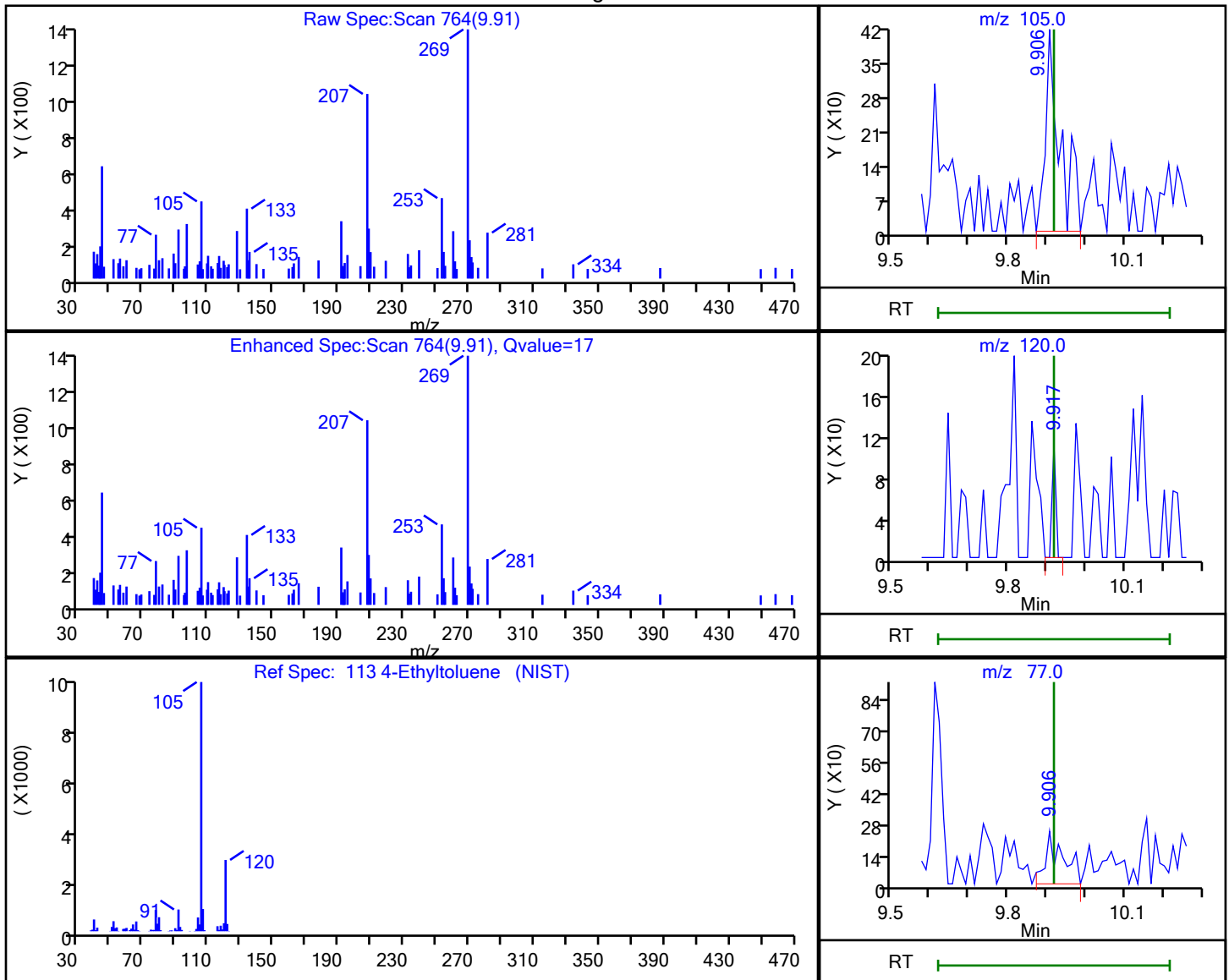
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 113 4-Ethyltoluene, CAS: 622-96-8

## Processing Results



RT	Mass	Response	Amount
9.91	105.00	1092	0.057845
9.92	120.00	74	
9.91	77.00	755	

Reviewer: martineze, 04-Jun-2021 13:29:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

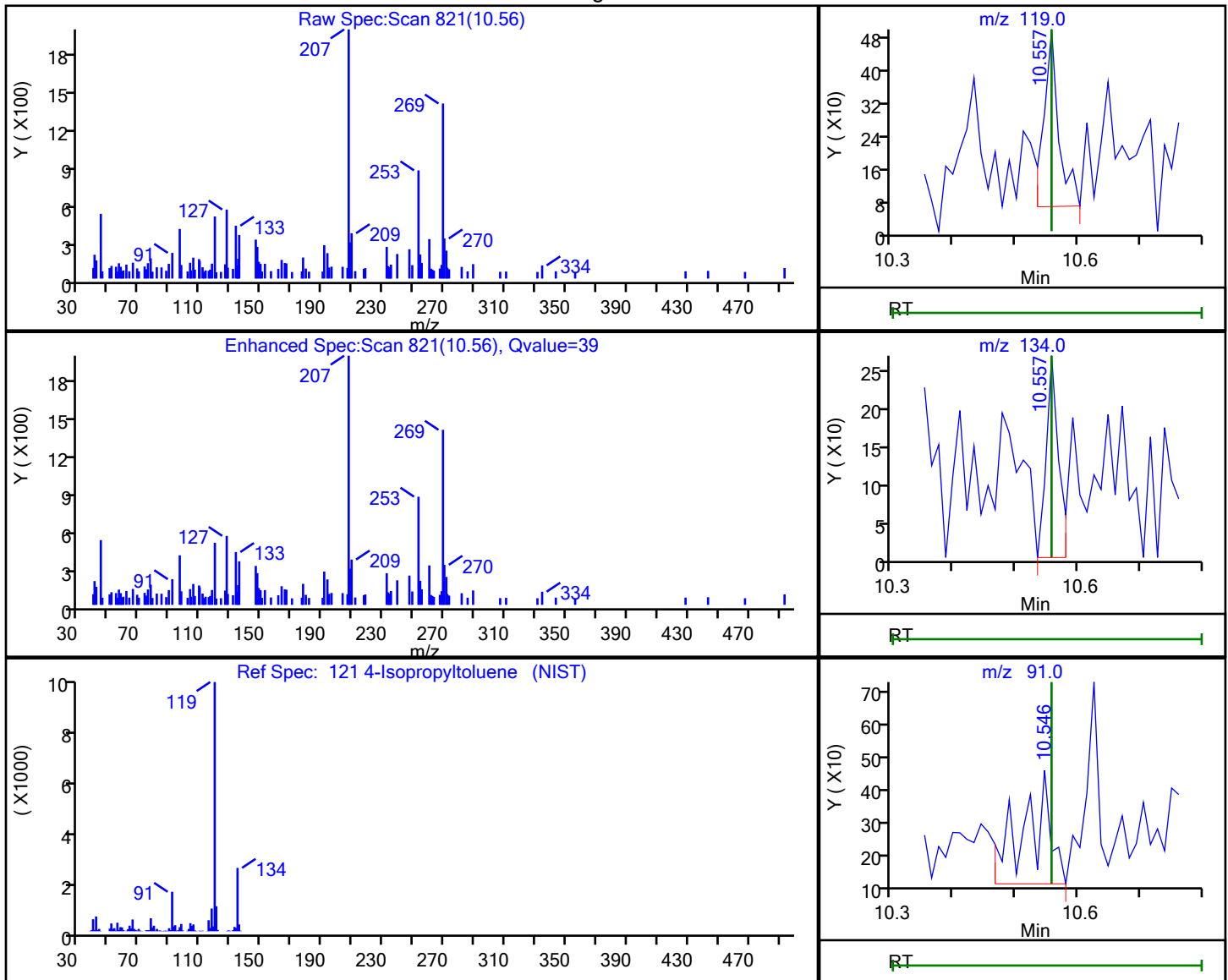
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 121 4-Isopropyltoluene, CAS: 99-87-6

## Processing Results



RT	Mass	Response	Amount
10.56	119.00	732	0.042863
10.56	134.00	368	
10.55	91.00	1041	

Reviewer: martineze, 04-Jun-2021 13:30:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

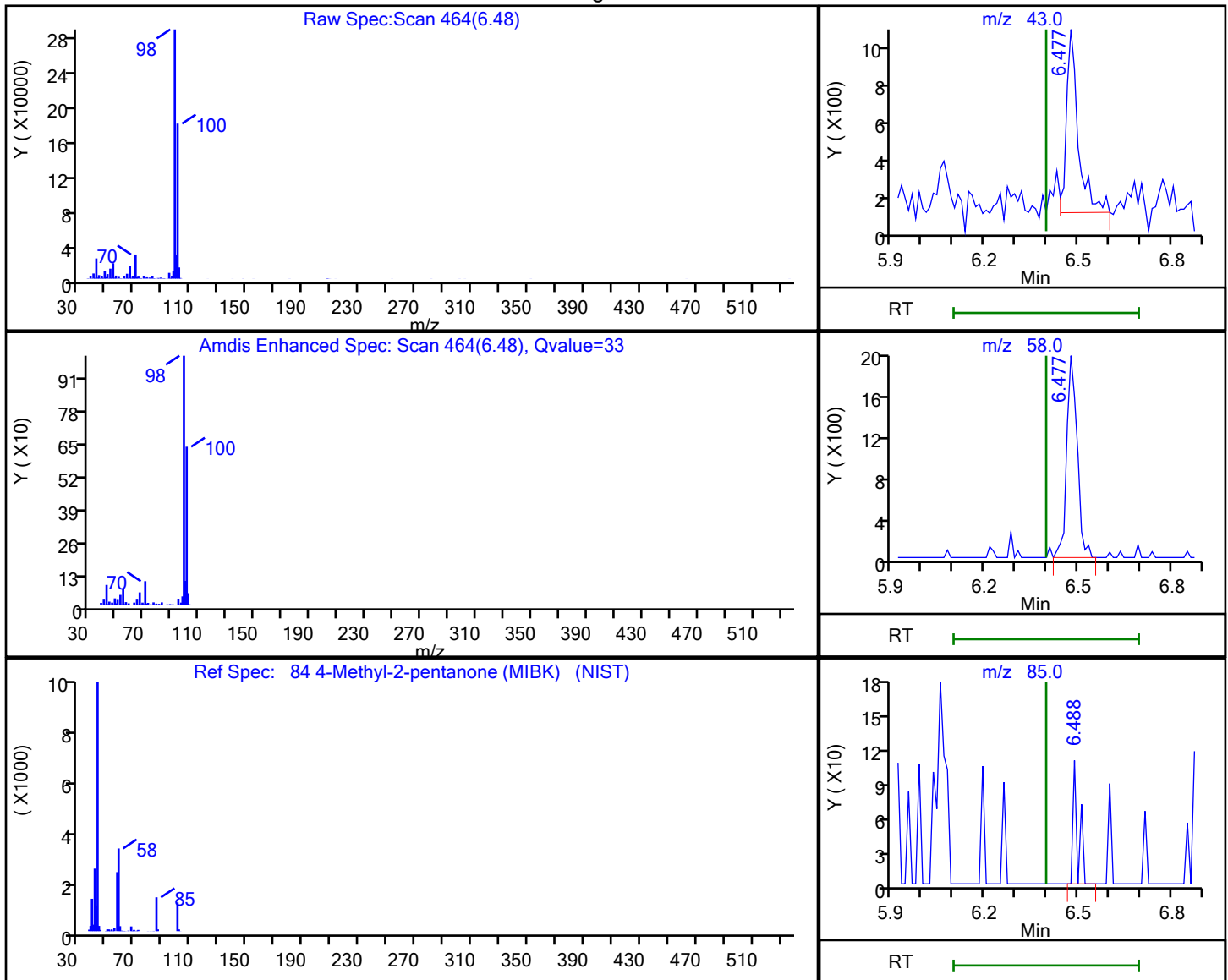
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

## Processing Results



RT	Mass	Response	Amount
6.48	43.00	2459	0.630570
6.48	58.00	4562	
6.49	85.00	121	
6.48	100.00	410346	

Reviewer: martineze, 04-Jun-2021 13:29:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

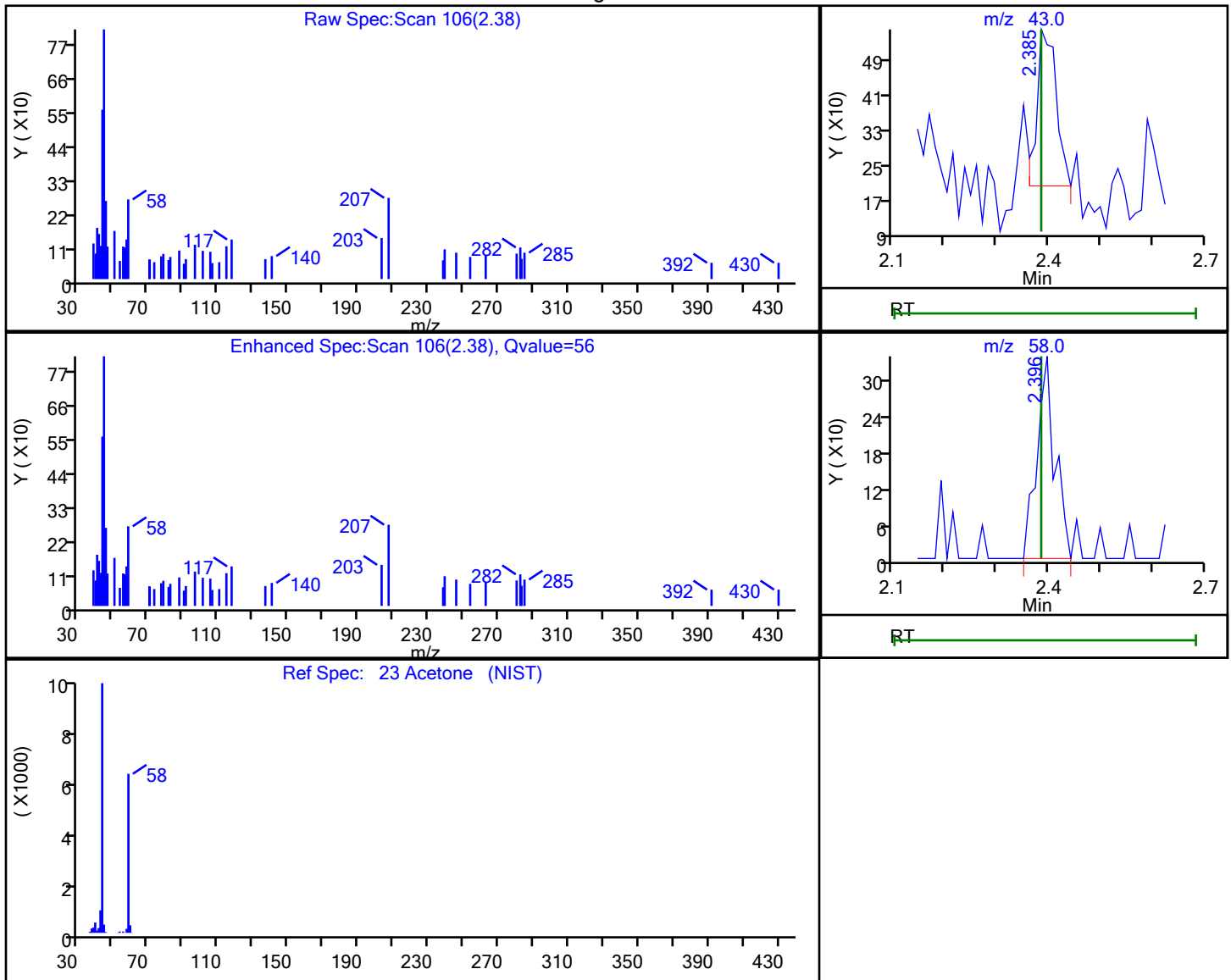
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 23 Acetone, CAS: 67-64-1

## Processing Results



RT	Mass	Response	Amount
2.38	43.00	922	0.598270
2.40	58.00	822	

Reviewer: martineze, 04-Jun-2021 13:28:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

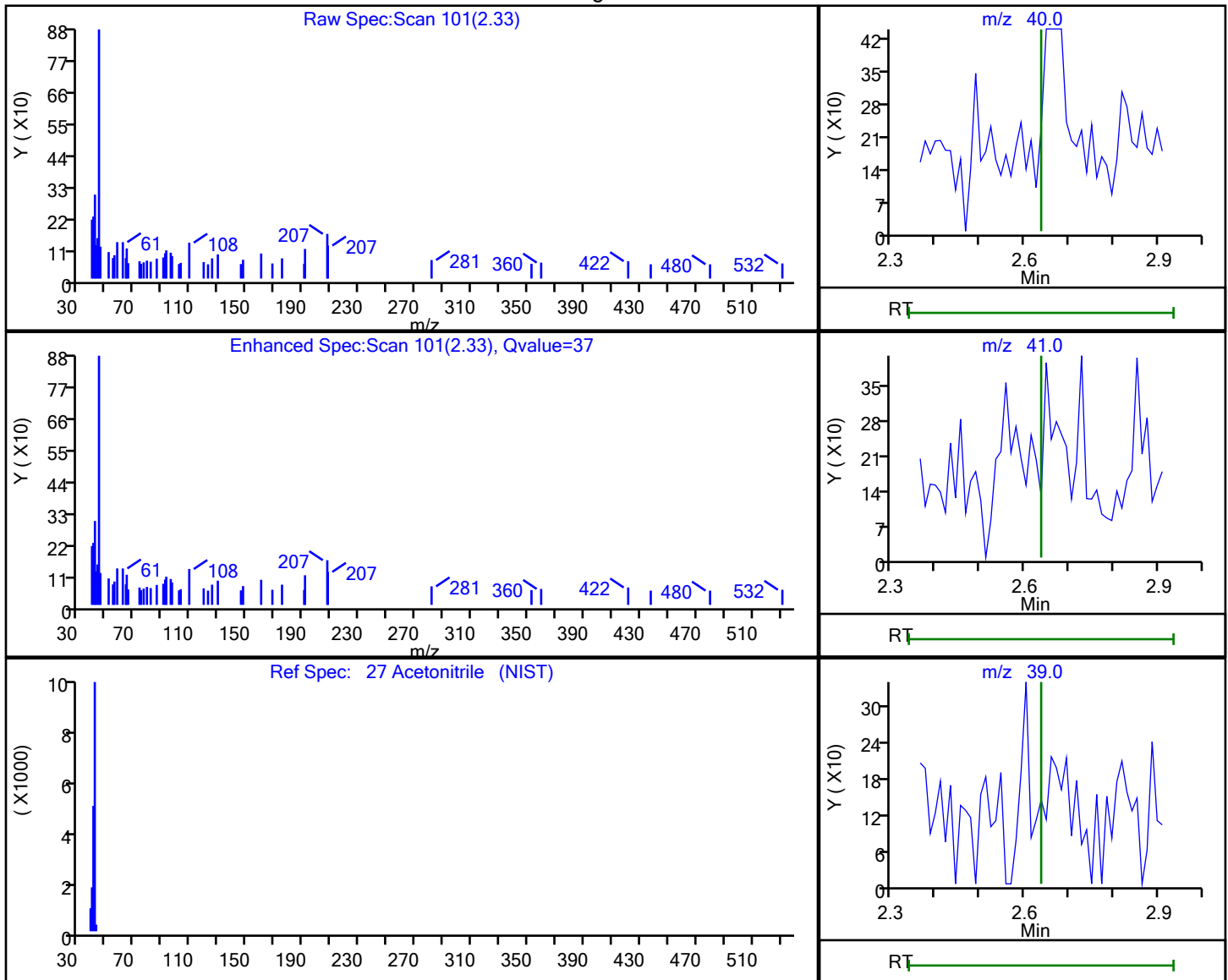
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 27 Acetonitrile, CAS: 75-05-8

## Processing Results



RT	Mass	Response	Amount
2.33	40.00	526	3.267608
2.33	41.00	715	
2.33	39.00	675	
2.35	38.00	74	

Reviewer: martineze, 04-Jun-2021 13:28:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

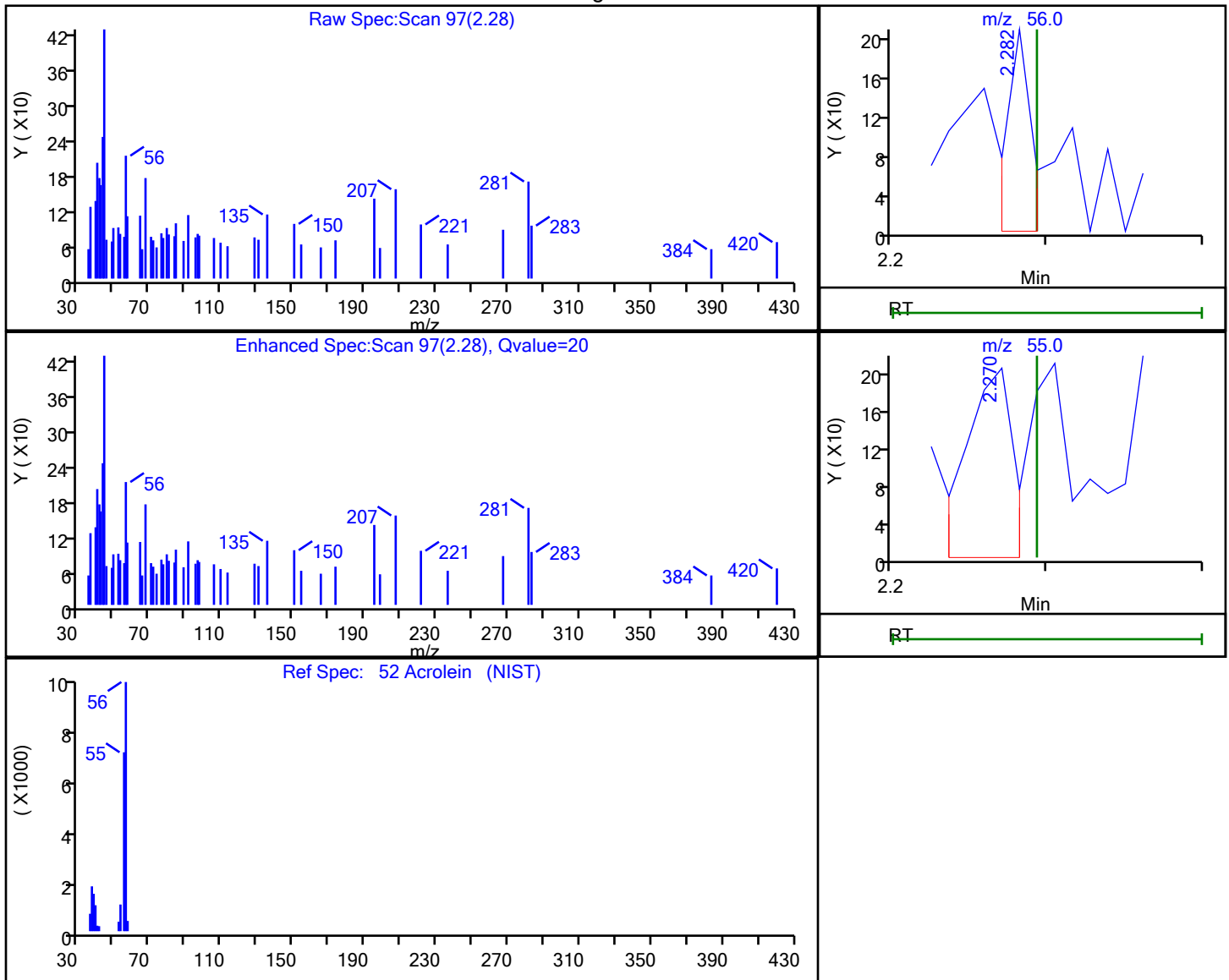
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 52 Acrolein, CAS: 107-02-8

## Processing Results



RT	Mass	Response	Amount
2.28	56.00	239	0.236306
2.27	55.00	429	

Reviewer: martineze, 04-Jun-2021 13:28:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

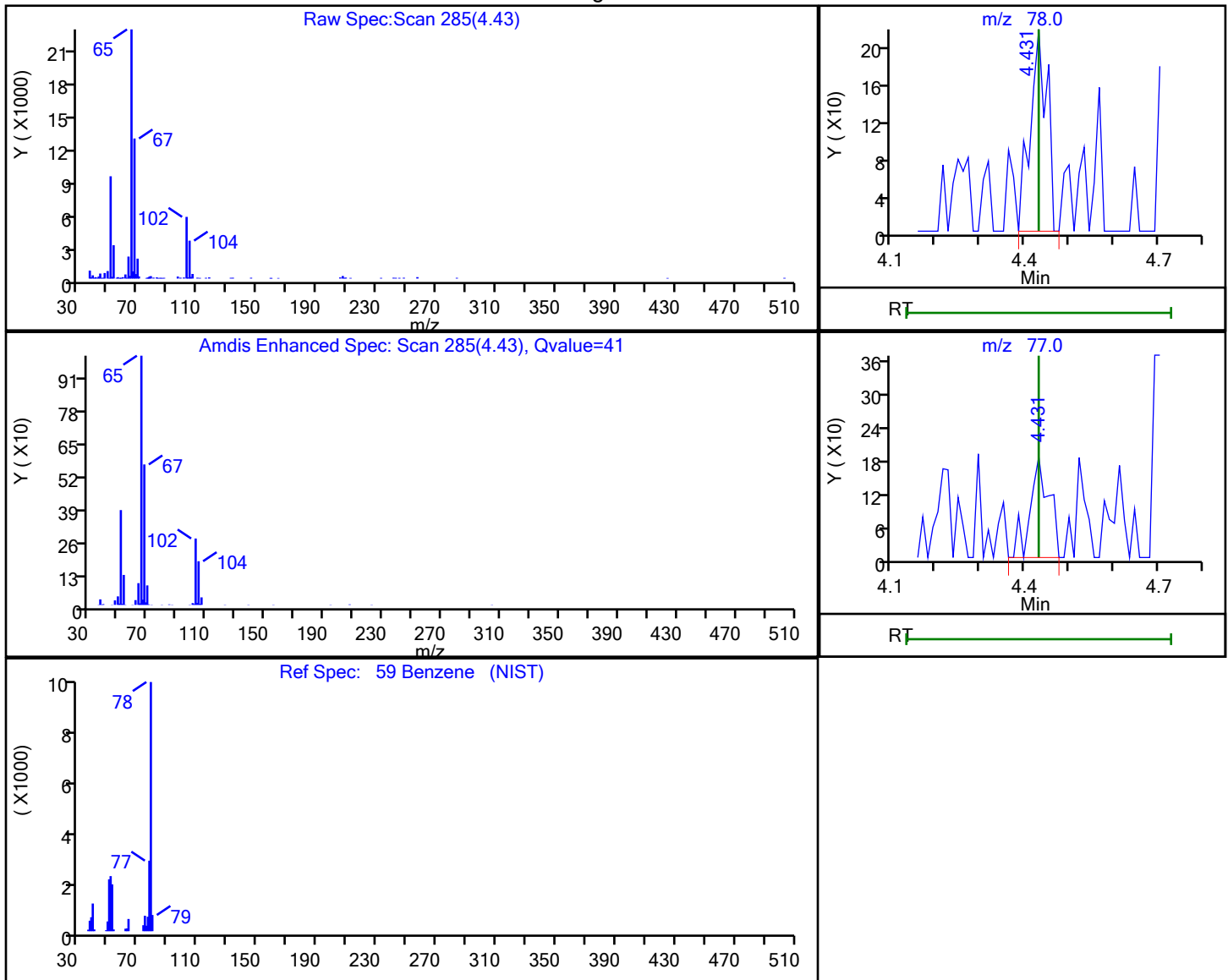
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 59 Benzene, CAS: 71-43-2

## Processing Results



RT	Mass	Response	Amount
4.43	78.00	582	0.029906
4.43	77.00	544	

Reviewer: martineze, 04-Jun-2021 13:29:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

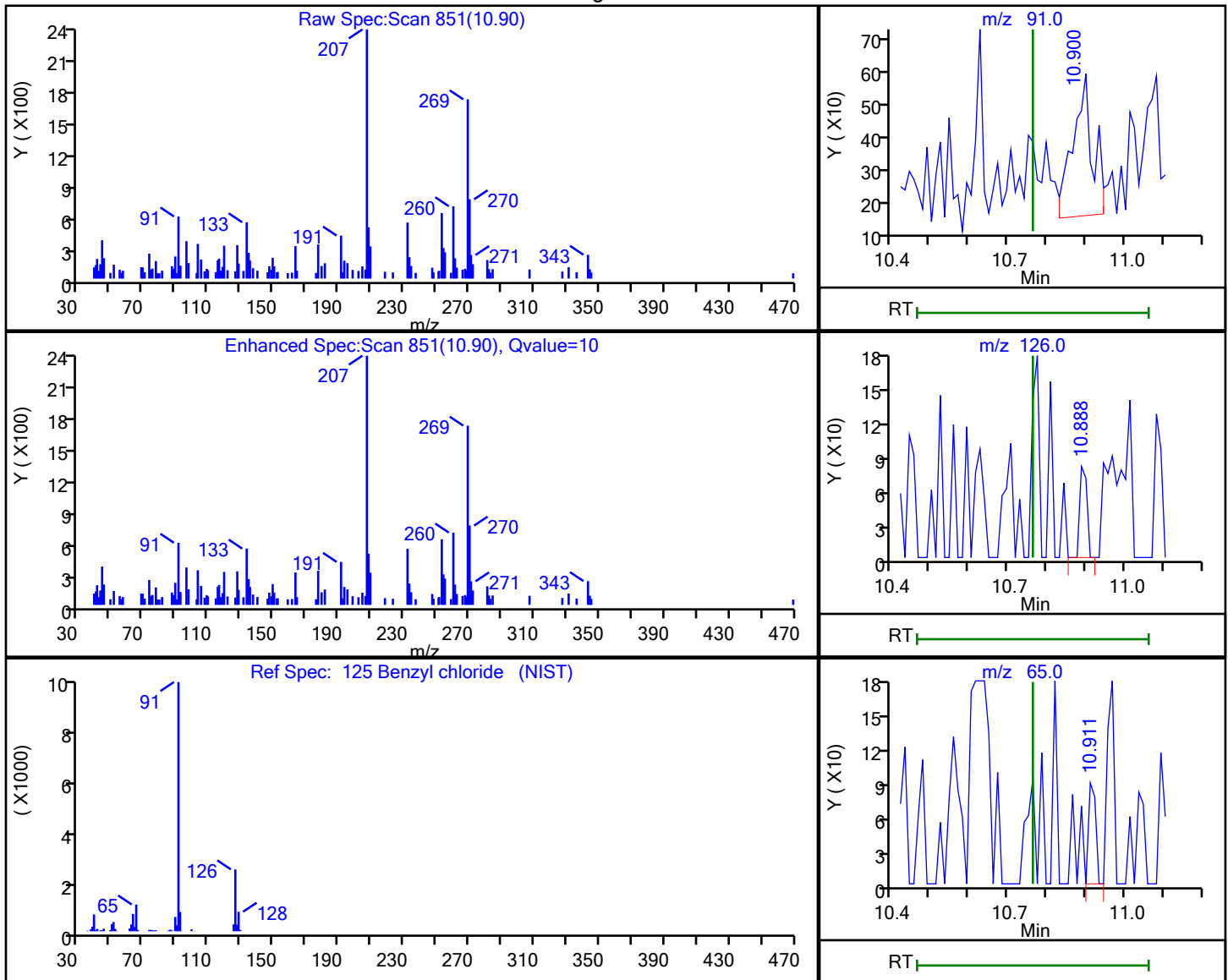
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 125 Benzyl chloride, CAS: 100-44-7

## Processing Results



RT	Mass	Response	Amount
10.90	91.00	1552	0.144062
10.89	126.00	100	
10.91	65.00	111	

Reviewer: martineze, 04-Jun-2021 13:30:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

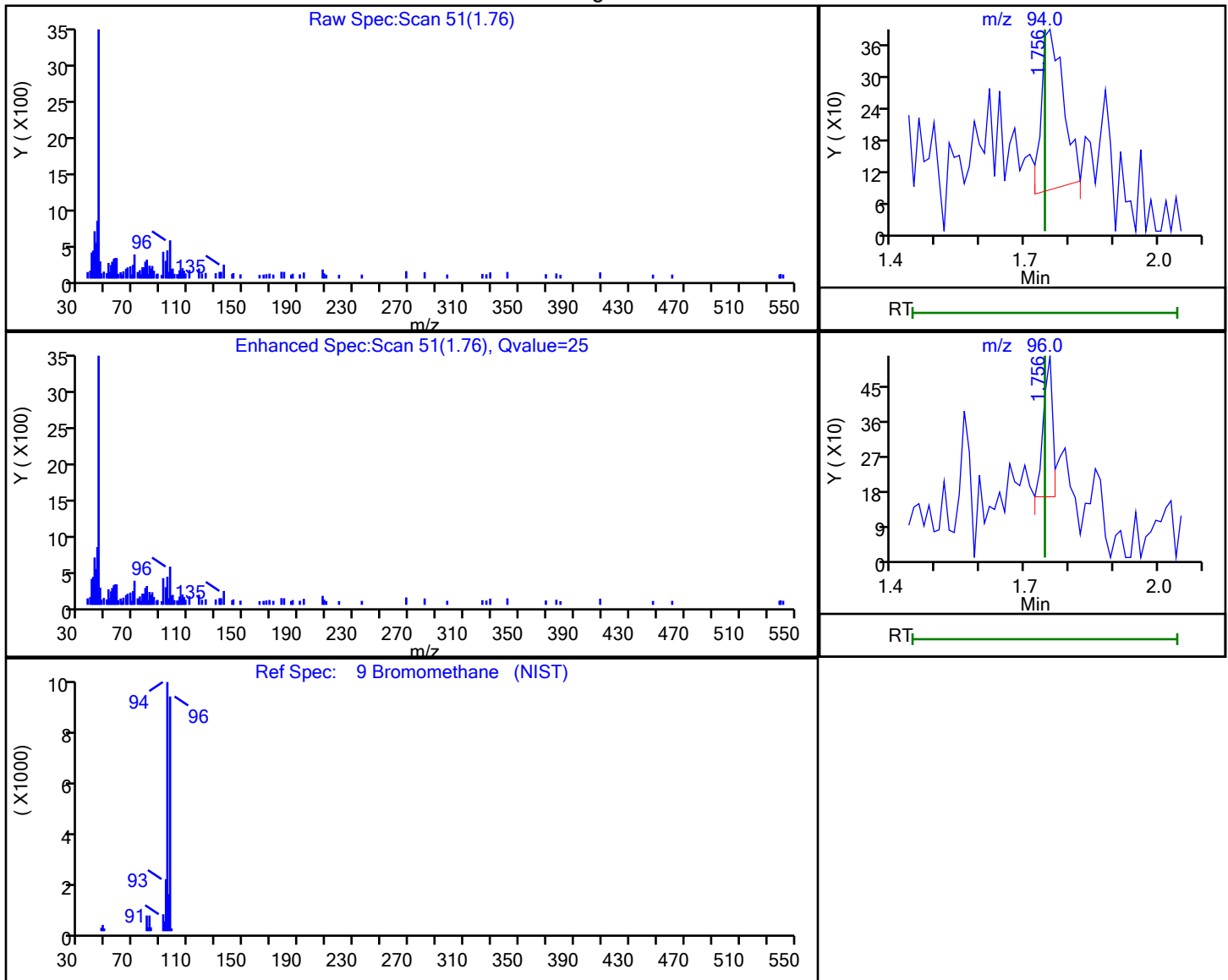
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 9 Bromomethane, CAS: 74-83-9

## Processing Results



RT	Mass	Response	Amount
1.76	94.00	1060	0.249109
1.76	96.00	529	

Reviewer: martineze, 04-Jun-2021 13:28:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

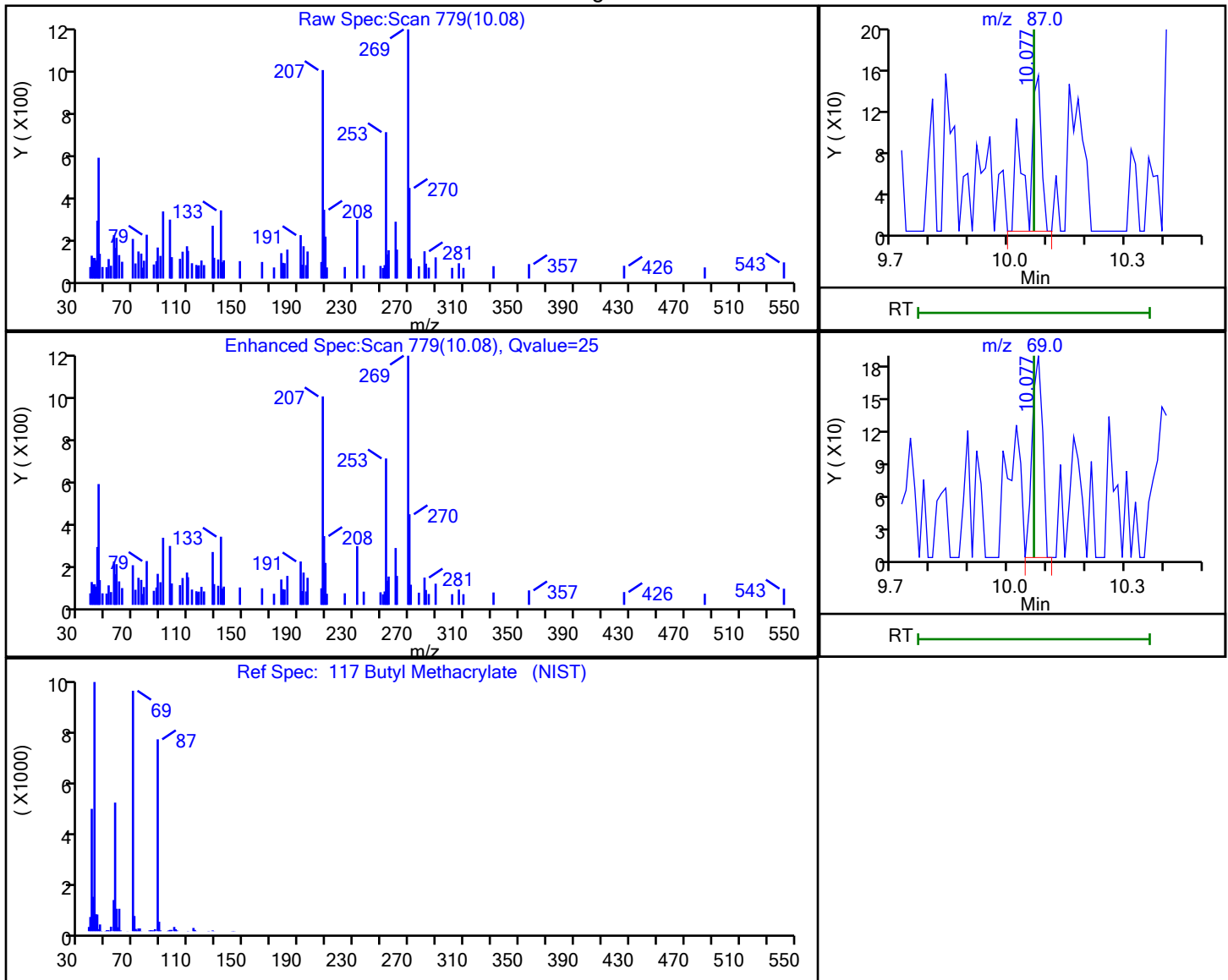
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 117 Butyl Methacrylate, CAS: 97-88-1

## Processing Results



RT	Mass	Response	Amount
10.08	87.00	373	0.078201
10.08	69.00	351	

Reviewer: martineze, 04-Jun-2021 13:29:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

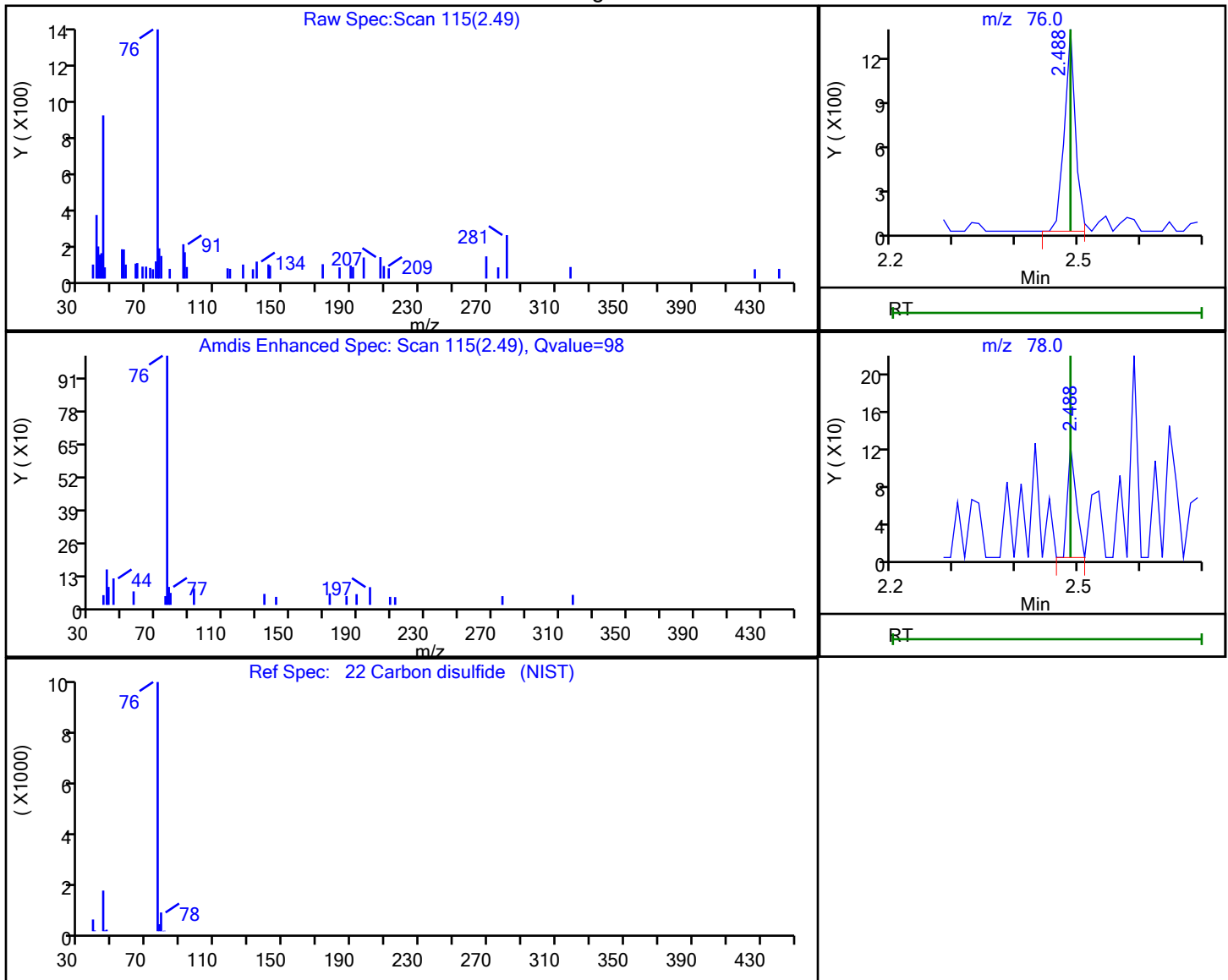
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 22 Carbon disulfide, CAS: 75-15-0

## Processing Results



RT	Mass	Response	Amount
2.49	76.00	1663	0.117119
2.49	78.00	117	

Reviewer: martineze, 04-Jun-2021 13:28:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

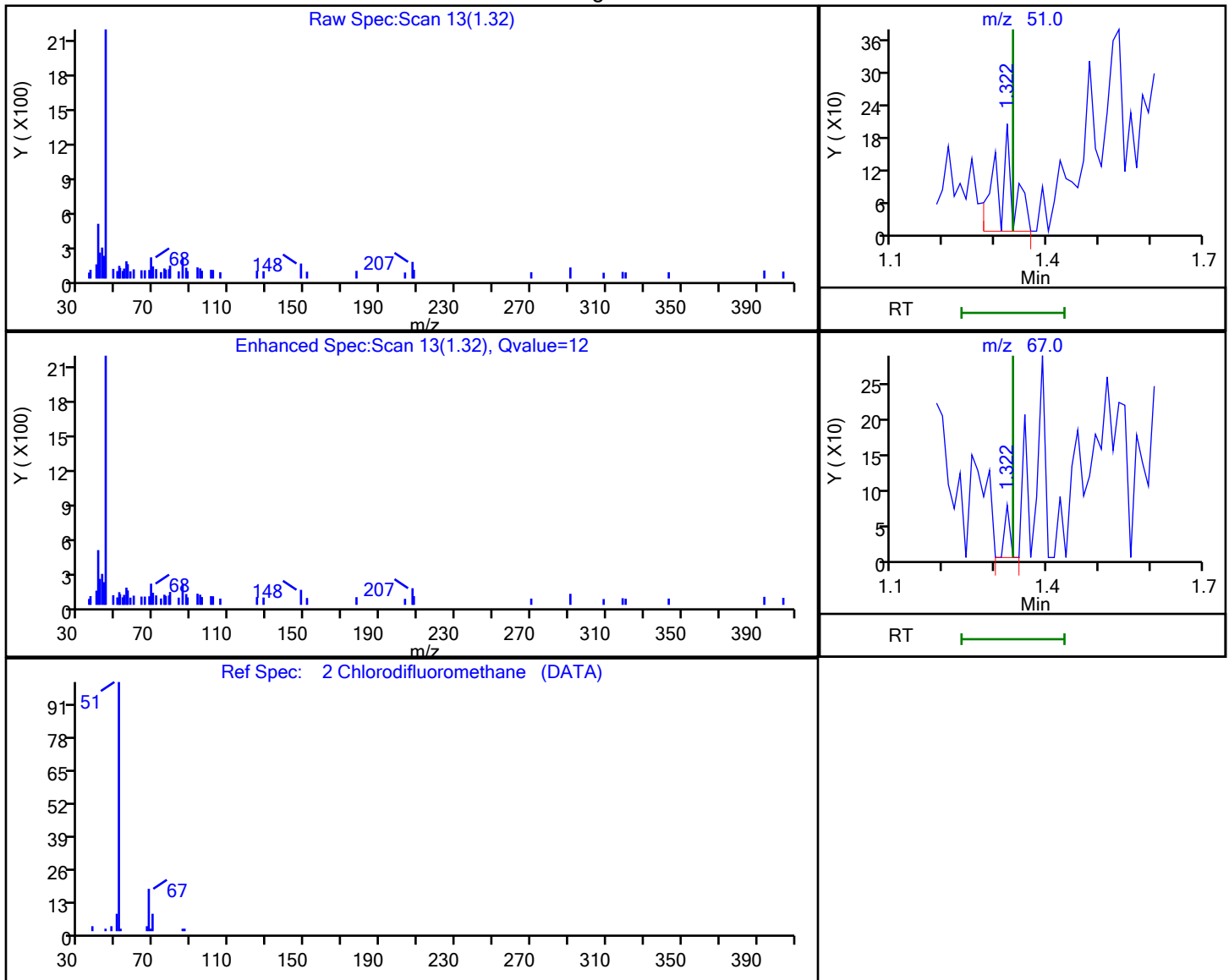
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 2 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



RT	Mass	Response	Amount
1.32	51.00	432	0.052631
1.32	67.00	51	

Reviewer: martineze, 04-Jun-2021 13:28:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

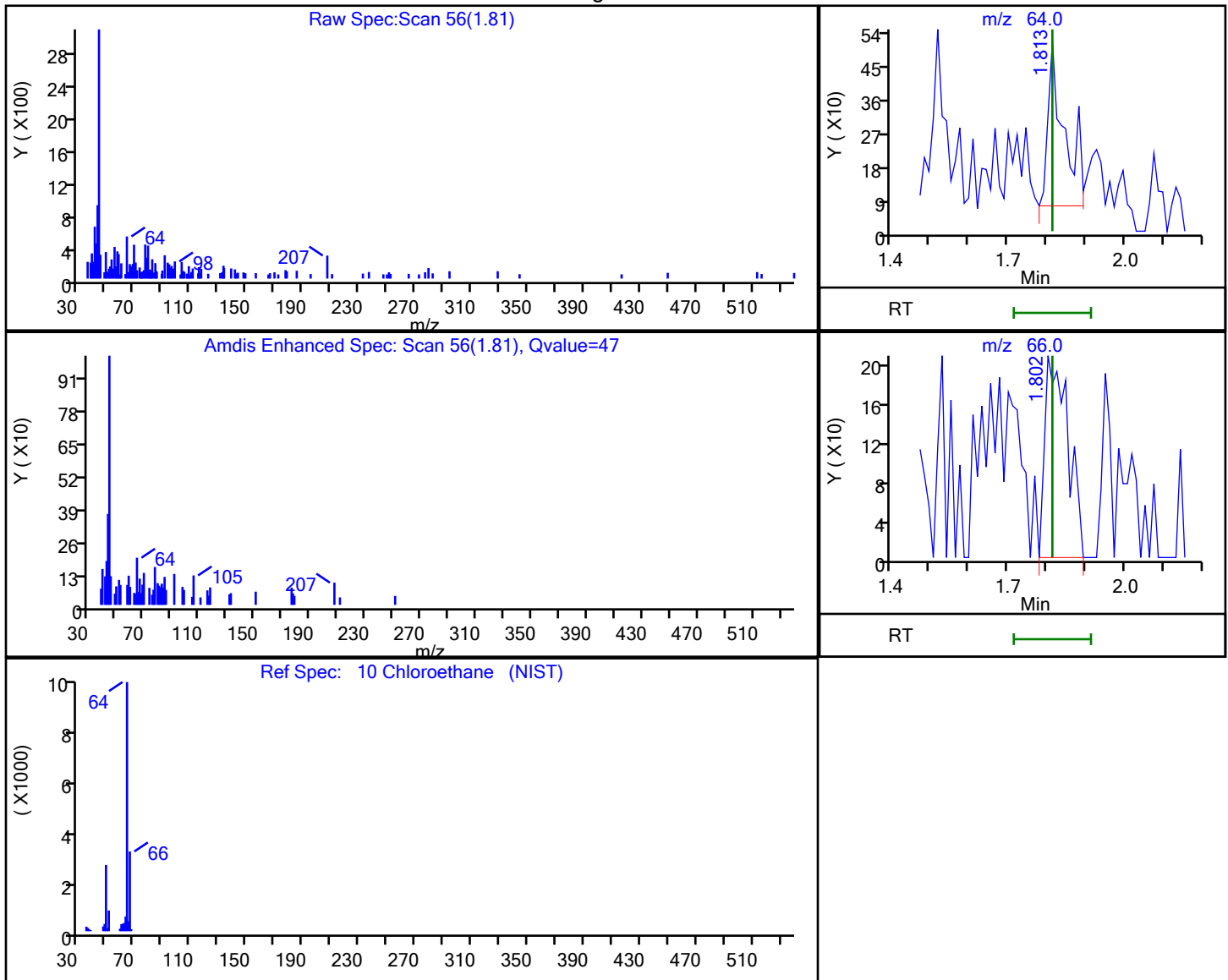
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 10 Chloroethane, CAS: 75-00-3

## Processing Results



RT	Mass	Response	Amount
1.81	64.00	1304	0.250000
1.80	66.00	849	

Reviewer: martineze, 04-Jun-2021 13:28:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

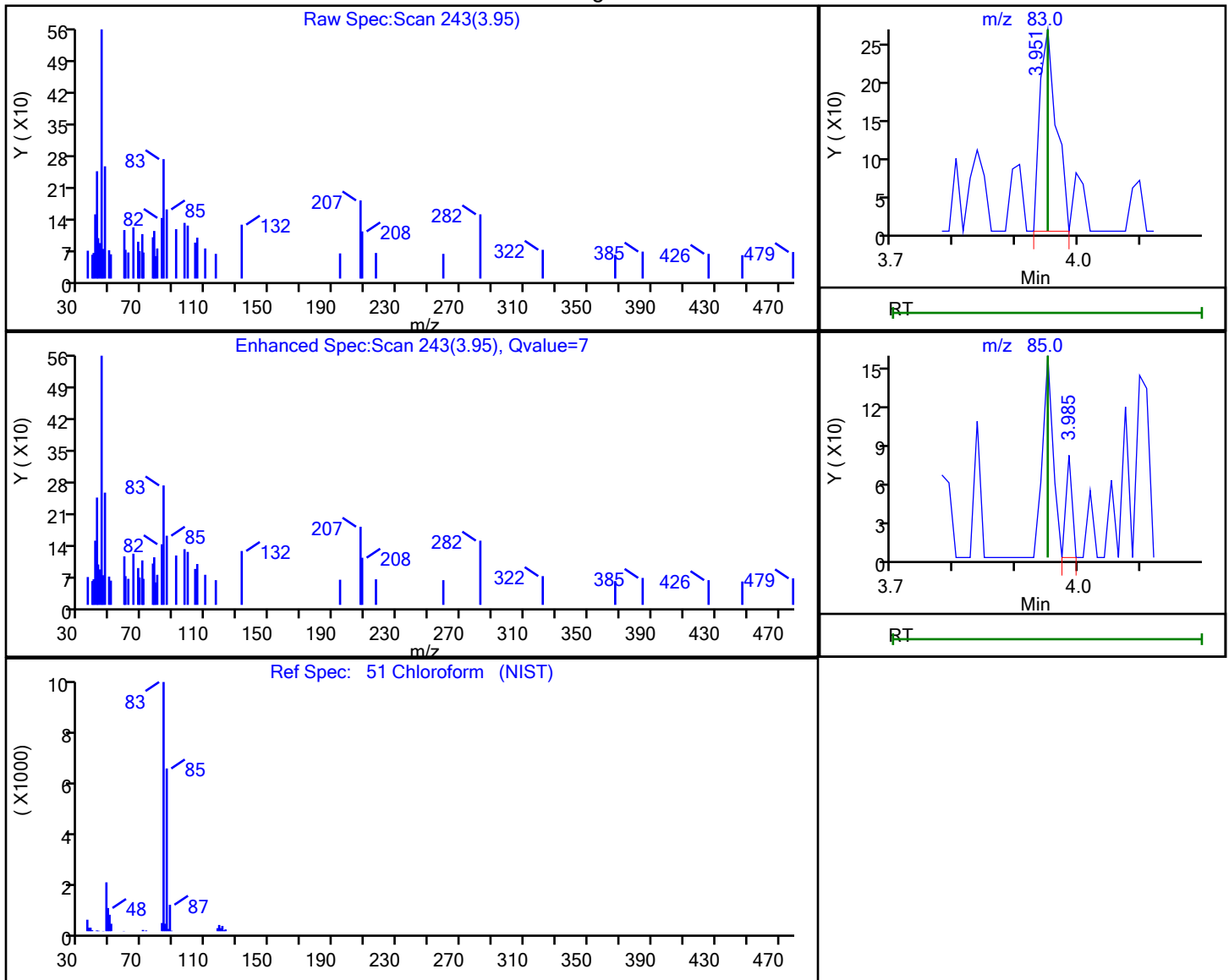
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 51 Chloroform, CAS: 67-66-3

## Processing Results



RT	Mass	Response	Amount
3.95	83.00	495	0.057617
3.98	85.00	54	

Reviewer: martineze, 04-Jun-2021 13:29:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

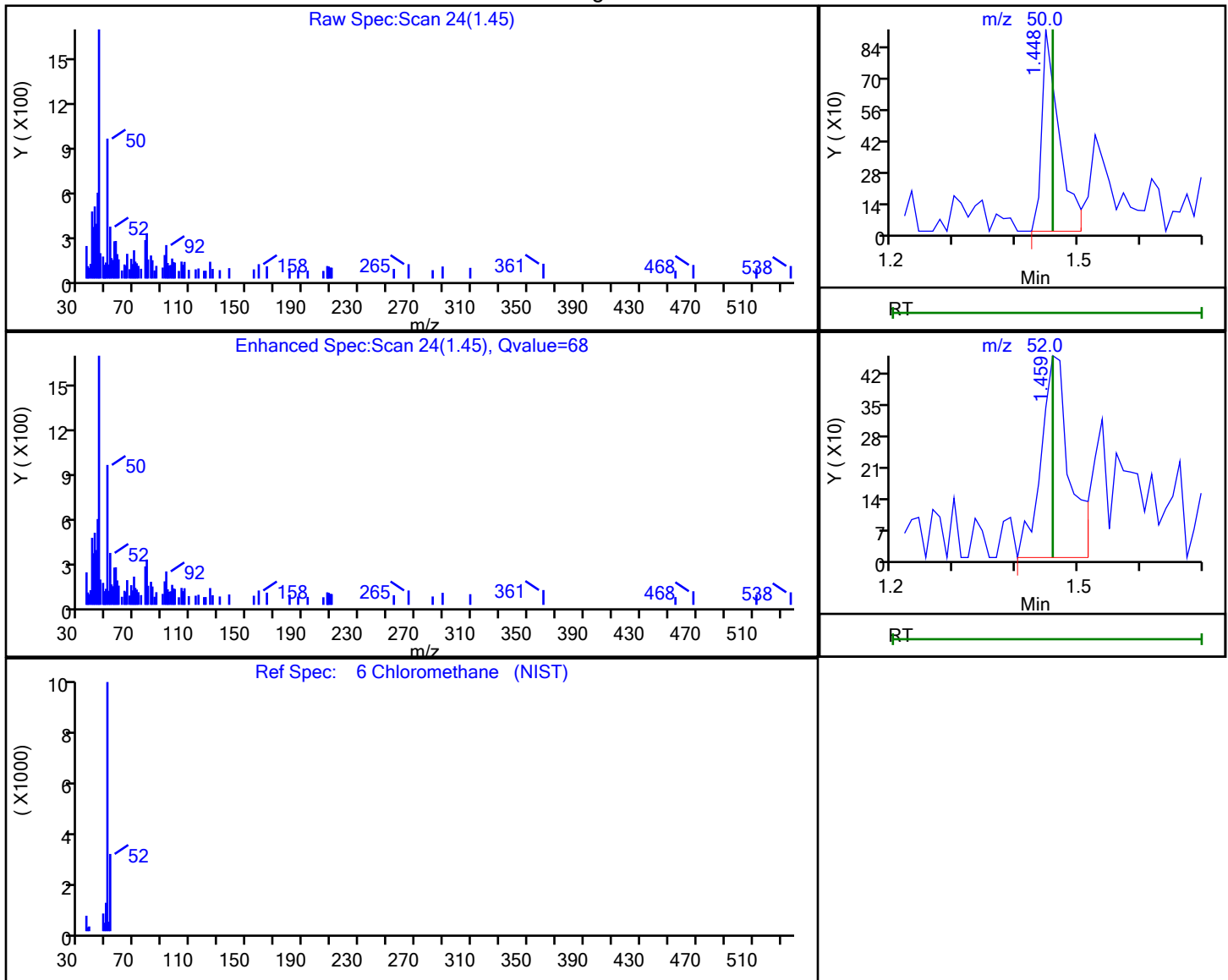
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 6 Chloromethane, CAS: 74-87-3

## Processing Results



RT	Mass	Response	Amount
1.45	50.00	1783	0.270625
1.46	52.00	1472	

Reviewer: martineze, 04-Jun-2021 13:28:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

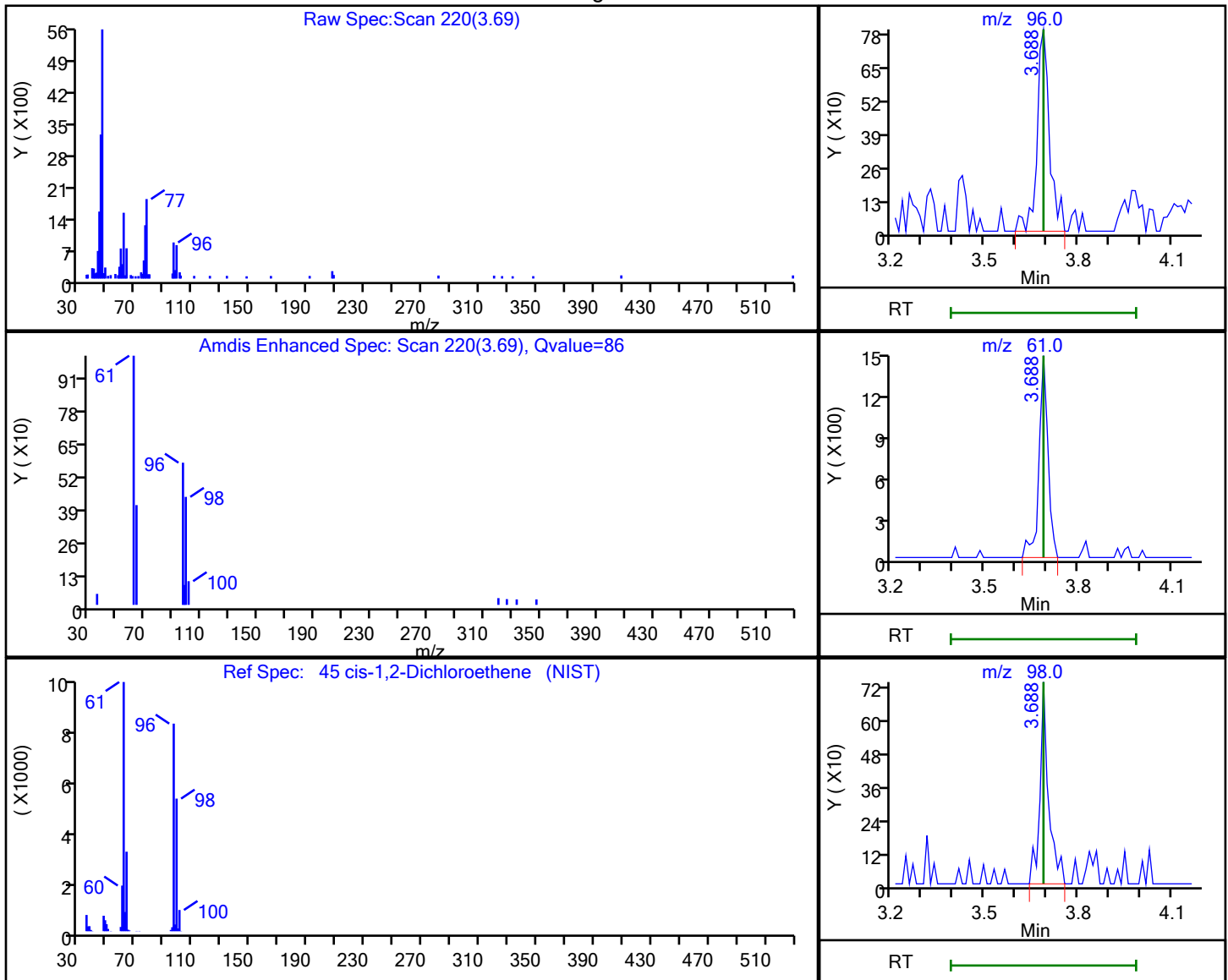
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 45 cis-1,2-Dichloroethene, CAS: 156-59-2

## Processing Results



RT	Mass	Response	Amount
3.69	96.00	2251	0.305539
3.69	61.00	2947	
3.69	98.00	1452	

Reviewer: martineze, 04-Jun-2021 13:28:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

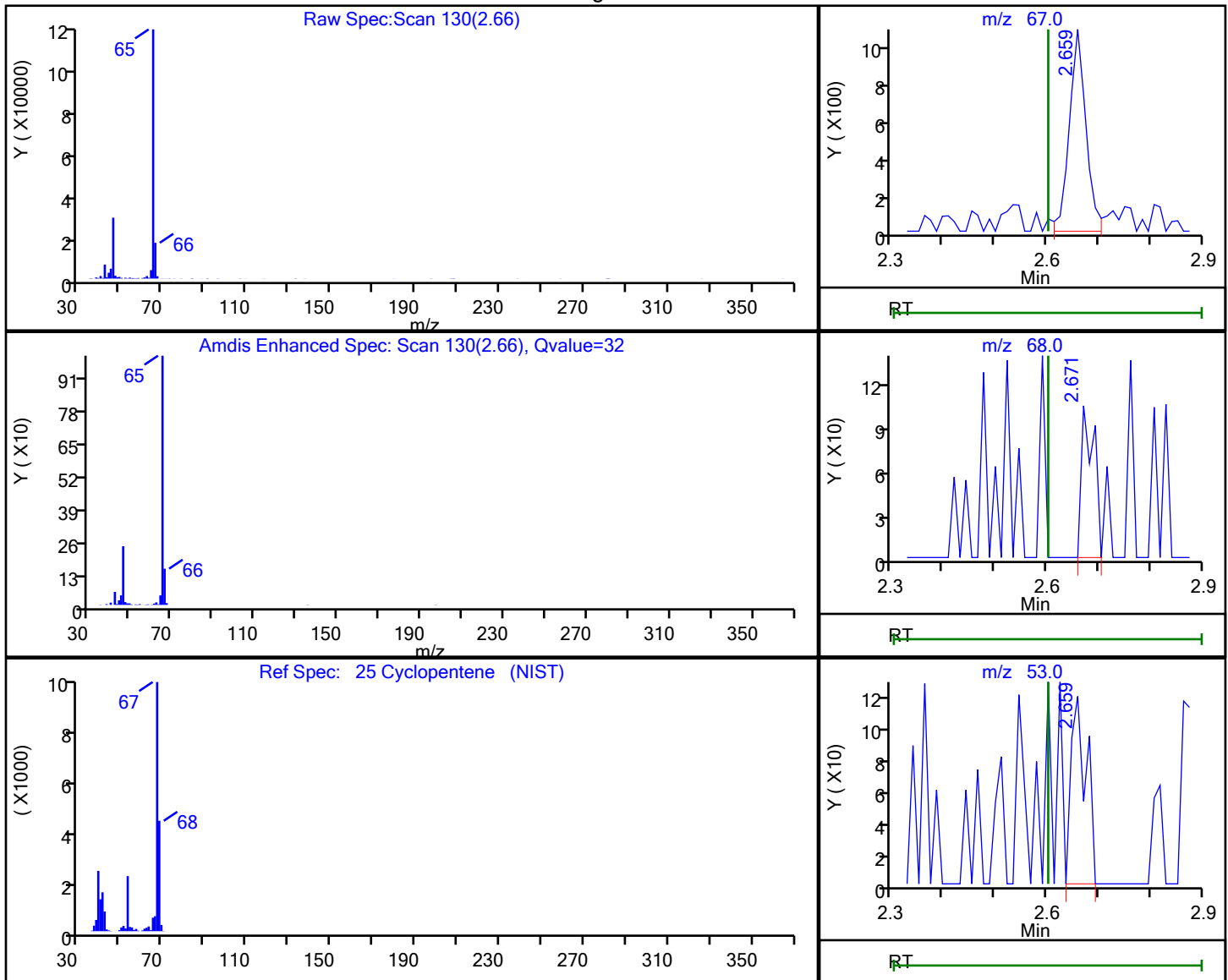
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 25 Cyclopentene, CAS: 142-29-0

## Processing Results



RT	Mass	Response	Amount
2.66	67.00	2401	0.179375
2.67	68.00	171	
2.66	53.00	243	

Reviewer: martineze, 04-Jun-2021 13:28:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

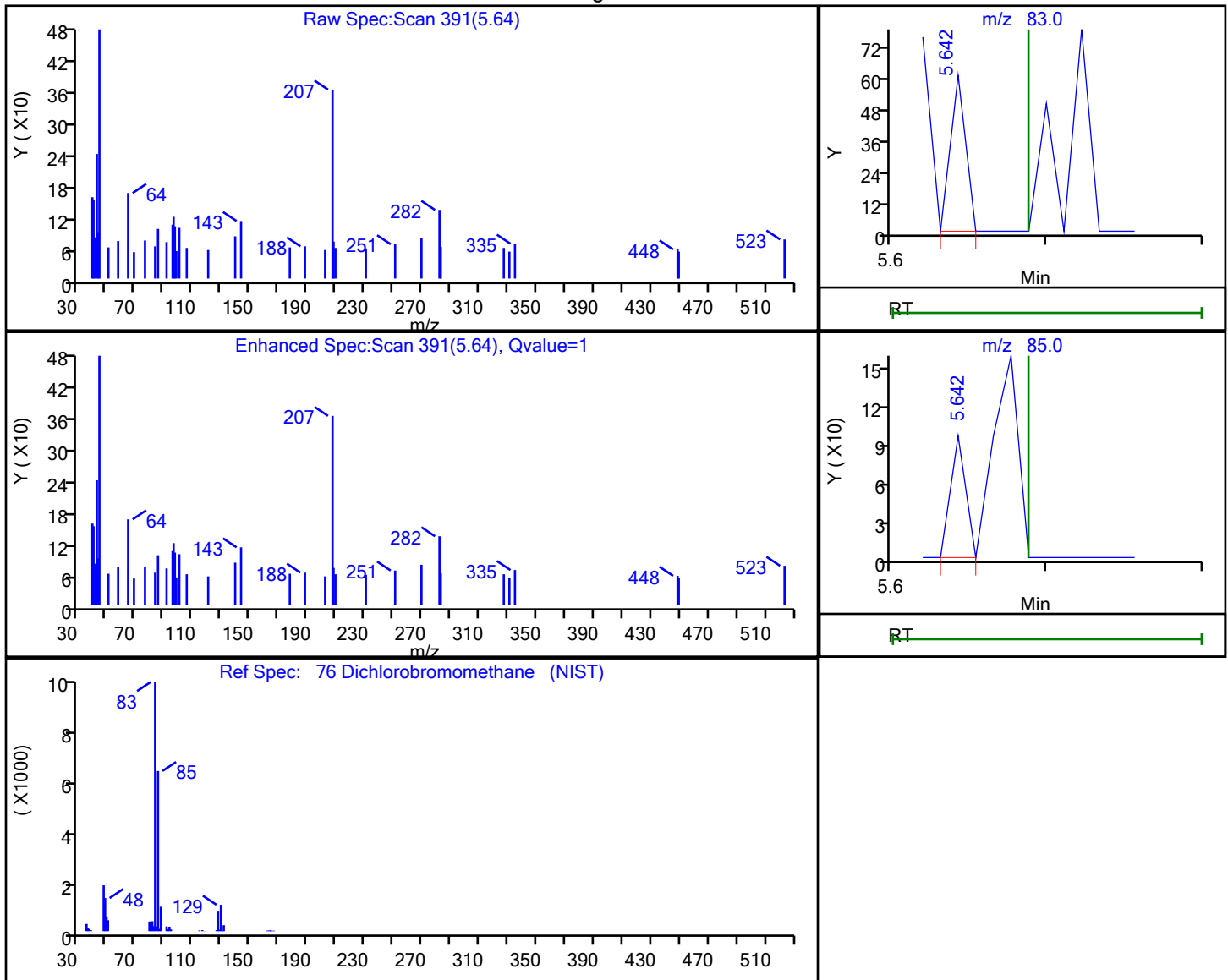
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 76 Dichlorobromomethane, CAS: 75-27-4

## Processing Results



RT	Mass	Response	Amount
5.64	83.00	42	0.007284
5.64	85.00	64	

Reviewer: martineze, 04-Jun-2021 13:29:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

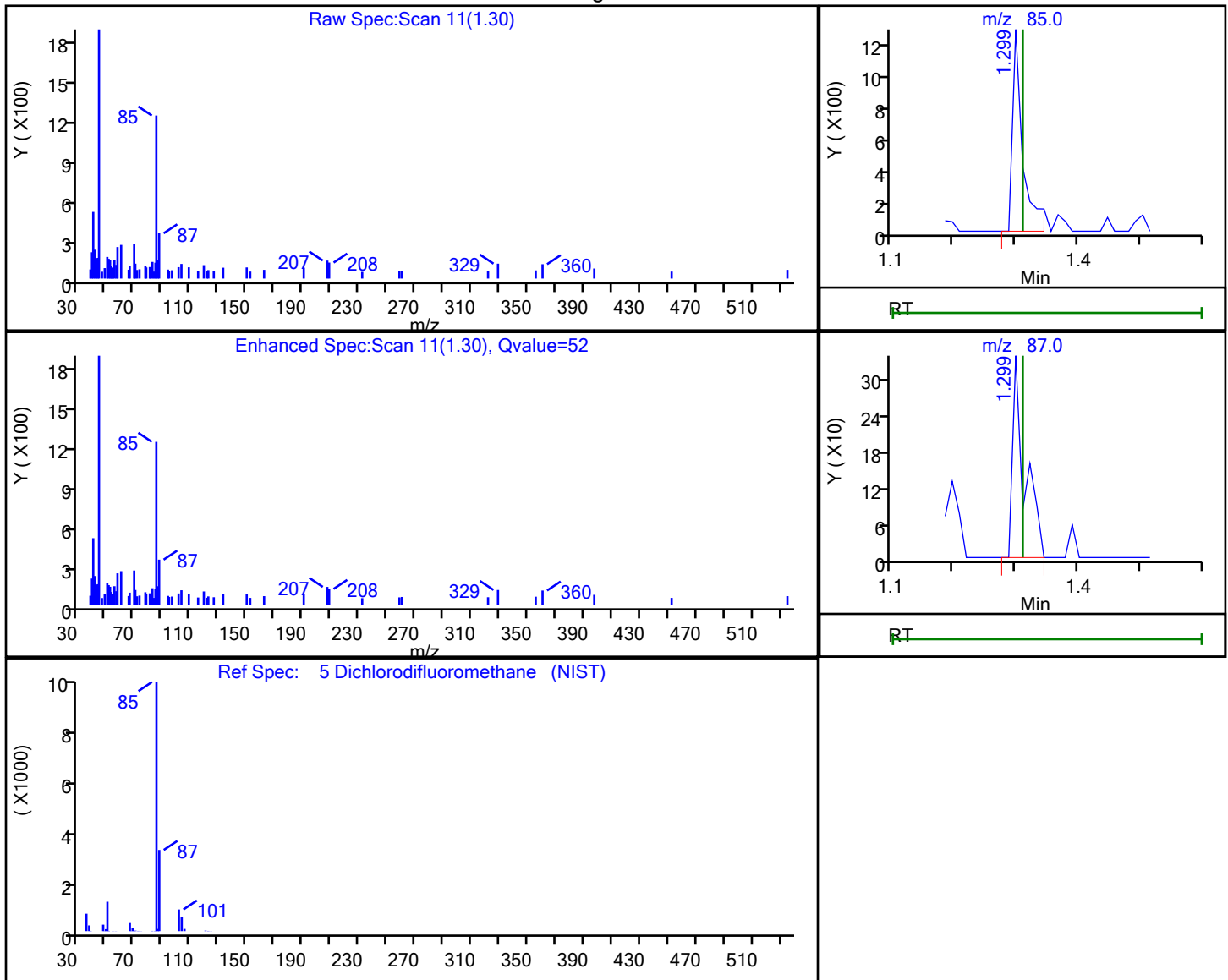
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 5 Dichlorodifluoromethane, CAS: 75-71-8

## Processing Results



RT	Mass	Response	Amount
1.30	85.00	1401	0.250000
1.30	87.00	453	

Reviewer: martineze, 04-Jun-2021 13:28:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

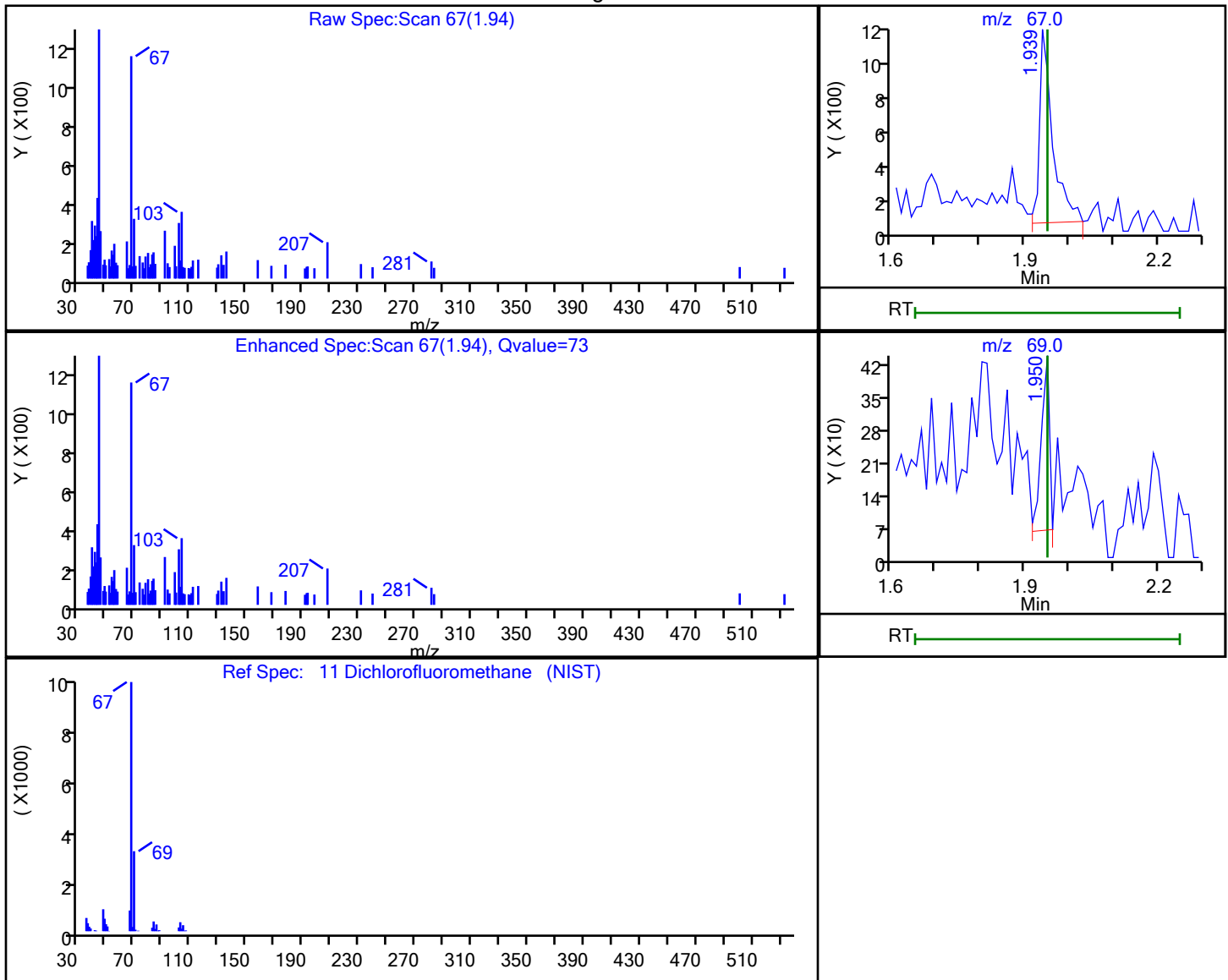
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 11 Dichlorofluoromethane, CAS: 75-43-4

## Processing Results



RT	Mass	Response	Amount
1.94	67.00	2224	0.264361
1.95	69.00	479	

Reviewer: martineze, 04-Jun-2021 13:28:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

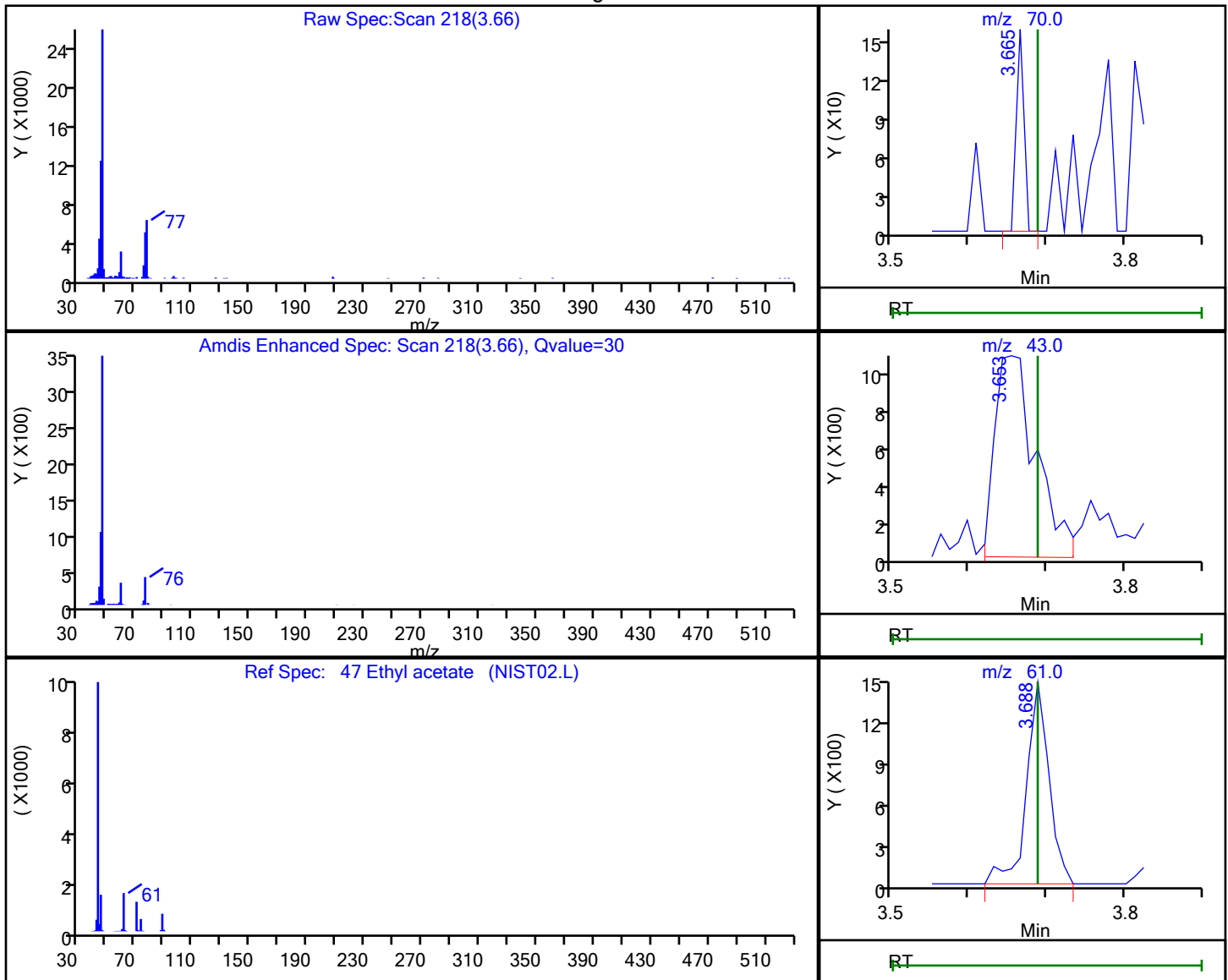
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 47 Ethyl acetate, CAS: 141-78-6

## Processing Results



RT	Mass	Response	Amount
3.66	70.00	105	0.128745
3.65	43.00	3803	
3.69	61.00	2947	

Reviewer: martineze, 04-Jun-2021 13:28:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

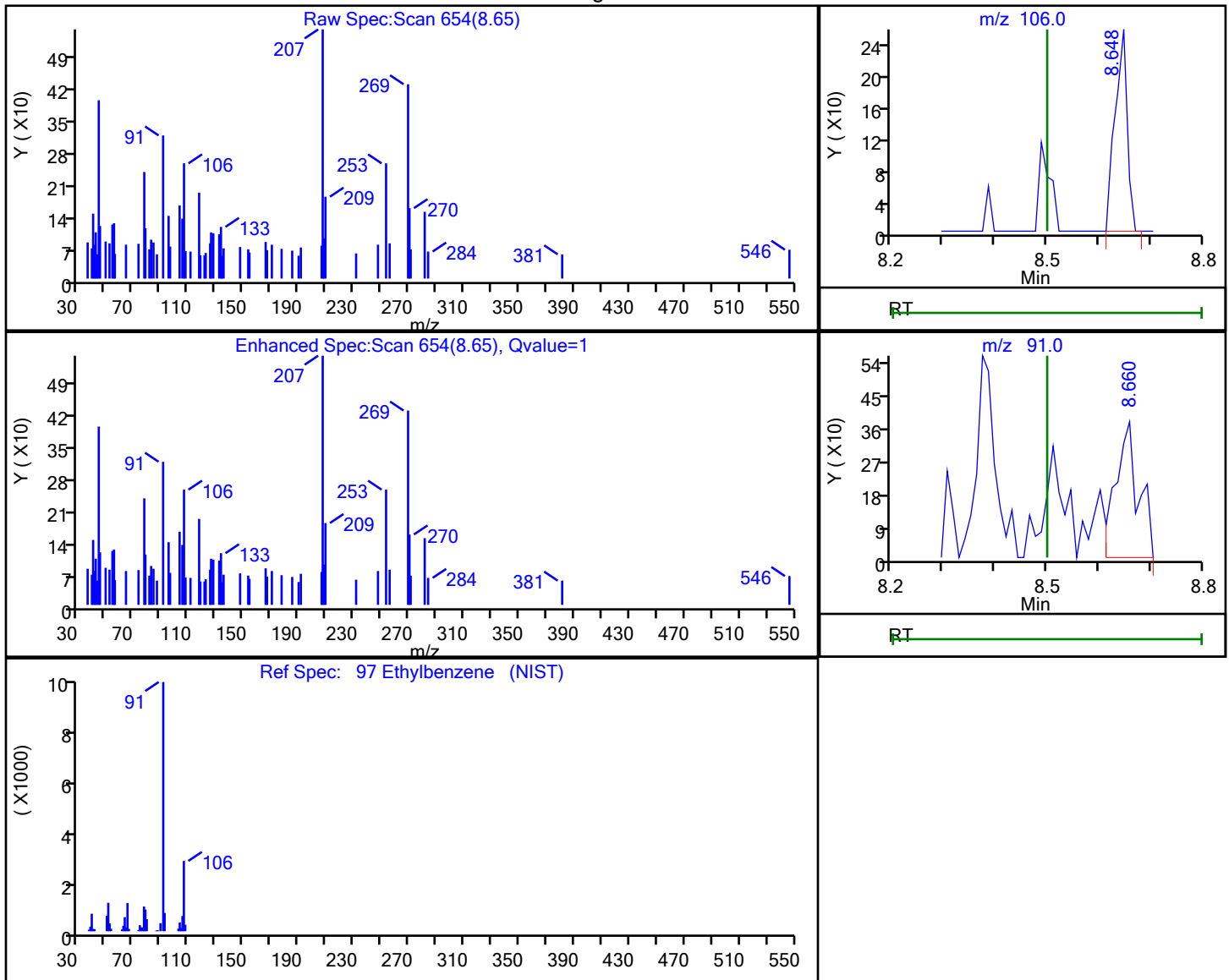
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 97 Ethylbenzene, CAS: 100-41-4

## Processing Results



RT	Mass	Response	Amount
8.65	106.00	415	0.064013
8.66	91.00	1142	

Reviewer: martineze, 04-Jun-2021 13:29:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

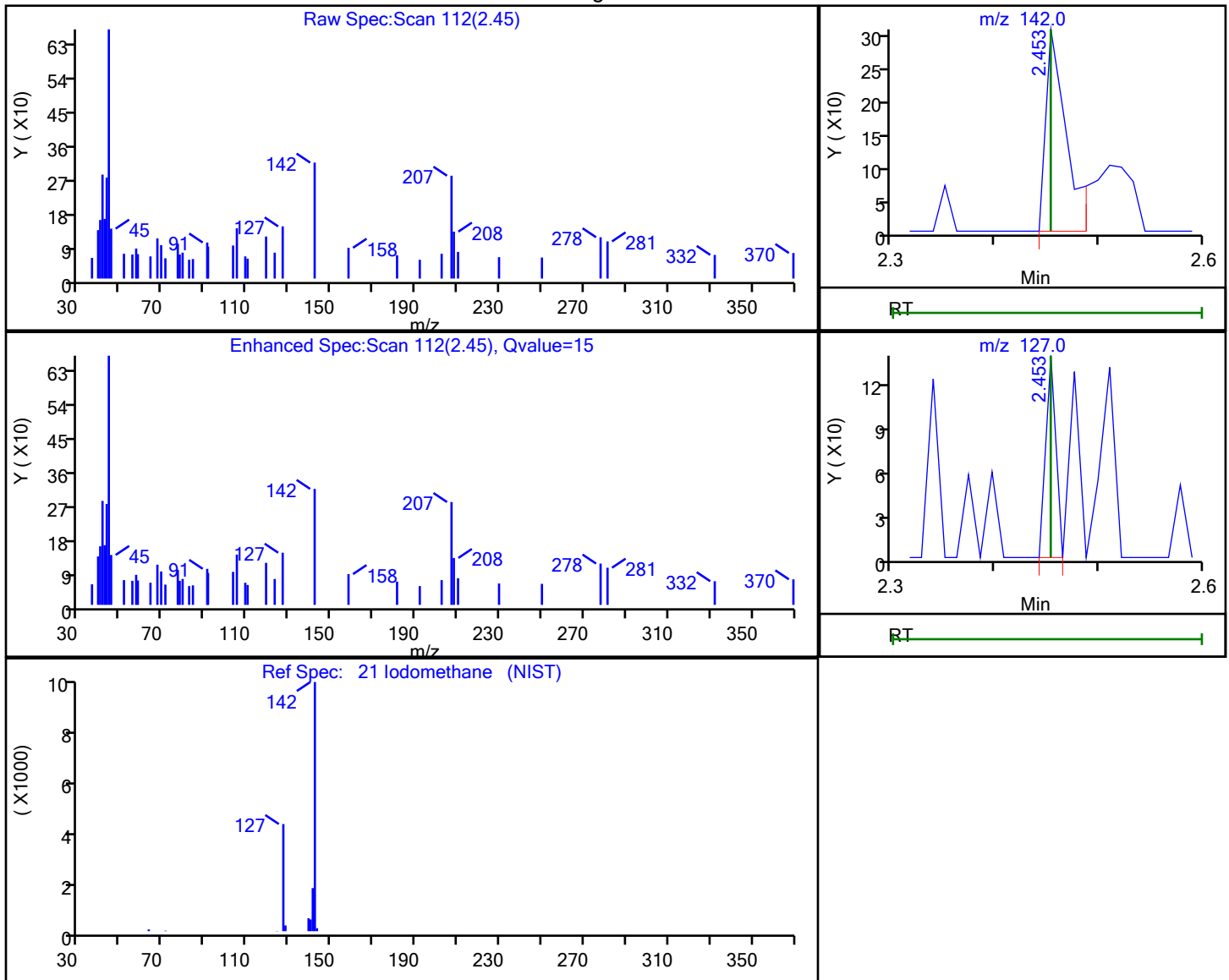
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 21 Iodomethane, CAS: 74-88-4

## Processing Results



RT	Mass	Response	Amount
2.45	142.00	433	0.104129
2.45	127.00	95	

Reviewer: martineze, 04-Jun-2021 13:28:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

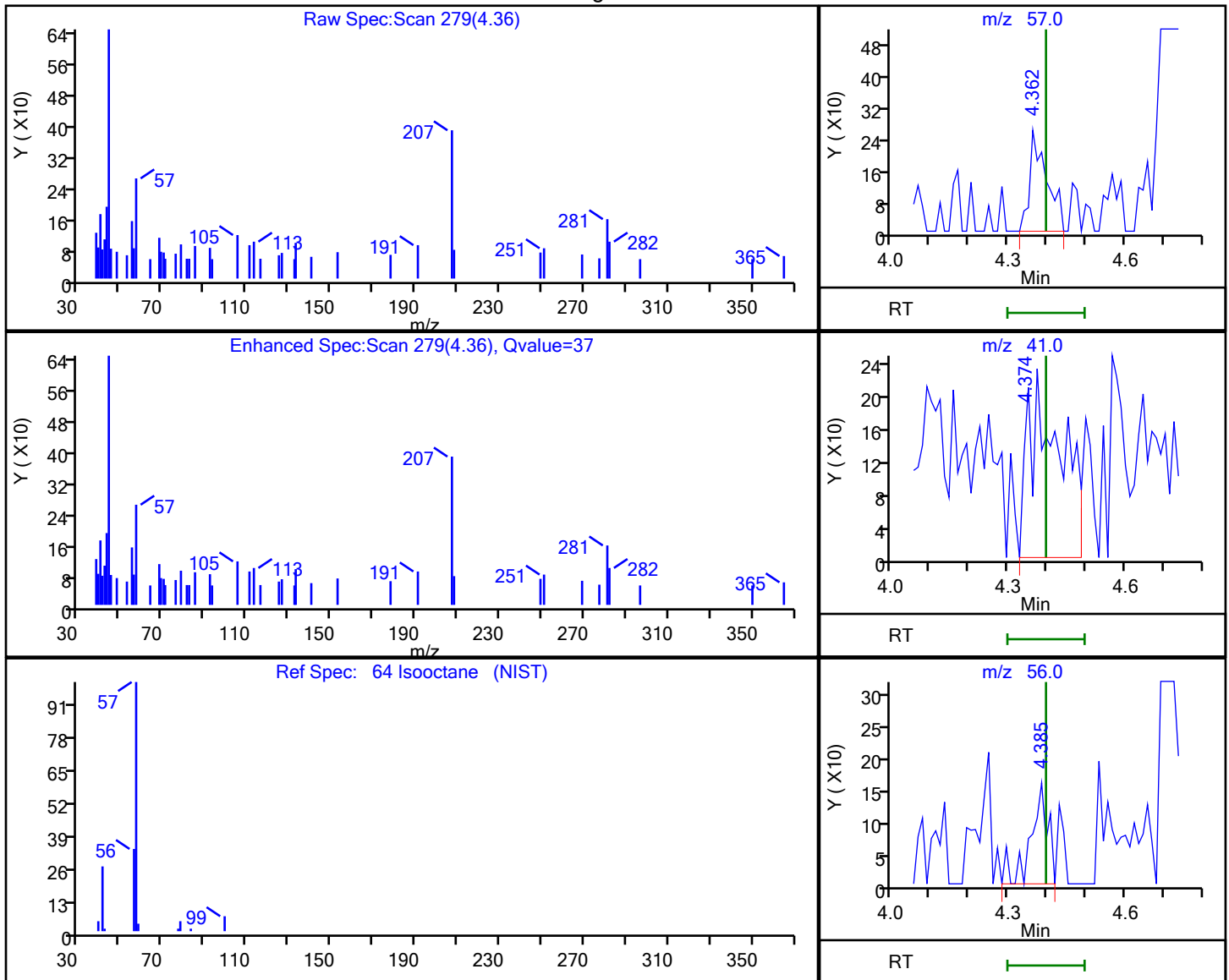
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 64 Isooctane, CAS: 540-84-1

## Processing Results



RT	Mass	Response	Amount
4.36	57.00	804	0.053749
4.37	41.00	1331	
4.38	56.00	477	

Reviewer: martineze, 04-Jun-2021 13:29:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

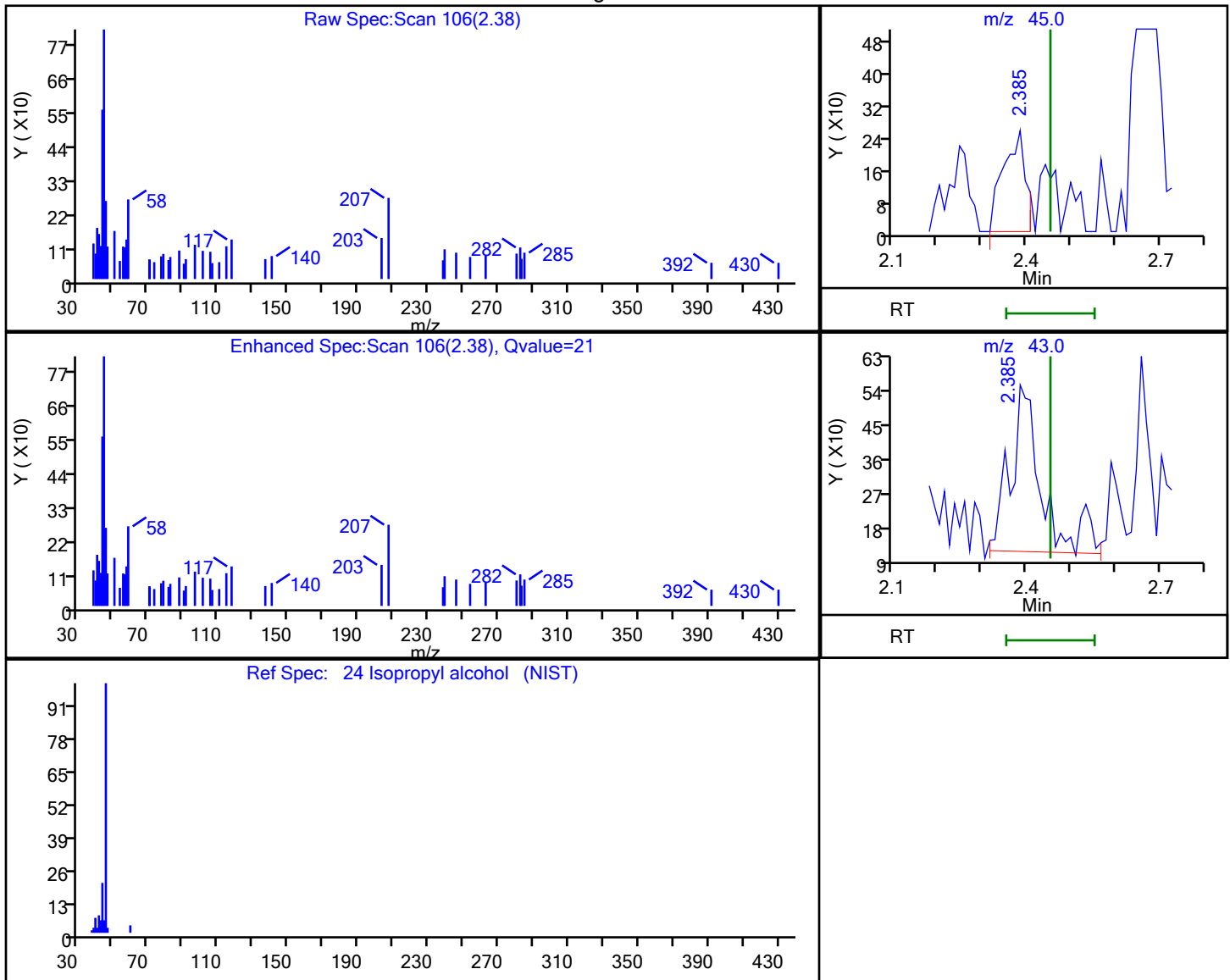
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 24 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



RT	Mass	Response	Amount
2.38	45.00	891	6.770854
2.38	43.00	2157	

Reviewer: martineze, 04-Jun-2021 13:28:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

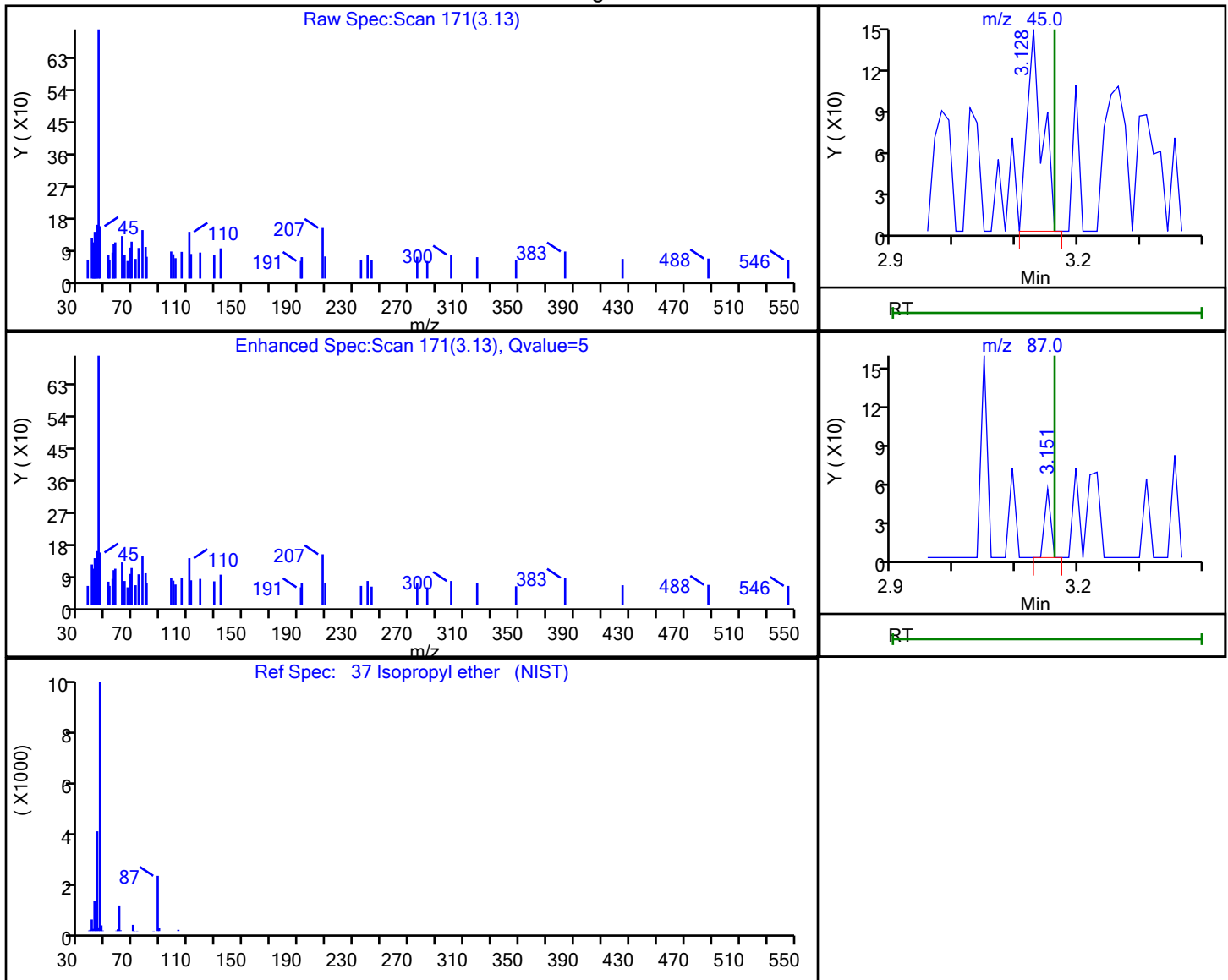
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 37 Isopropyl ether, CAS: 108-20-3

## Processing Results



RT	Mass	Response	Amount
3.13	45.00	250	0.017489
3.15	87.00	36	

Reviewer: martineze, 04-Jun-2021 13:28:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

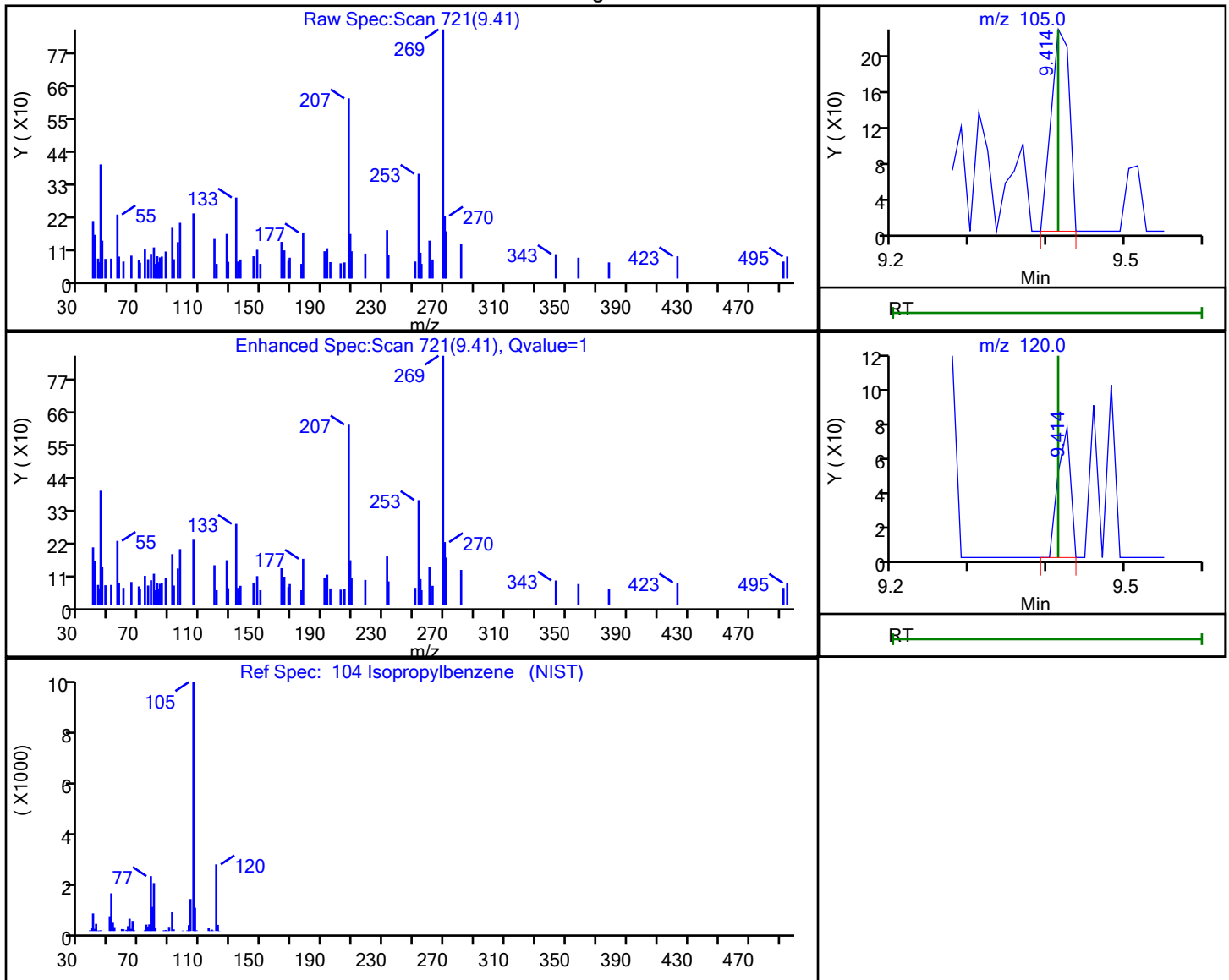
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 104 Isopropylbenzene, CAS: 98-82-8

## Processing Results



RT	Mass	Response	Amount
9.41	105.00	364	0.018116
9.41	120.00	86	

Reviewer: martineze, 04-Jun-2021 13:29:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

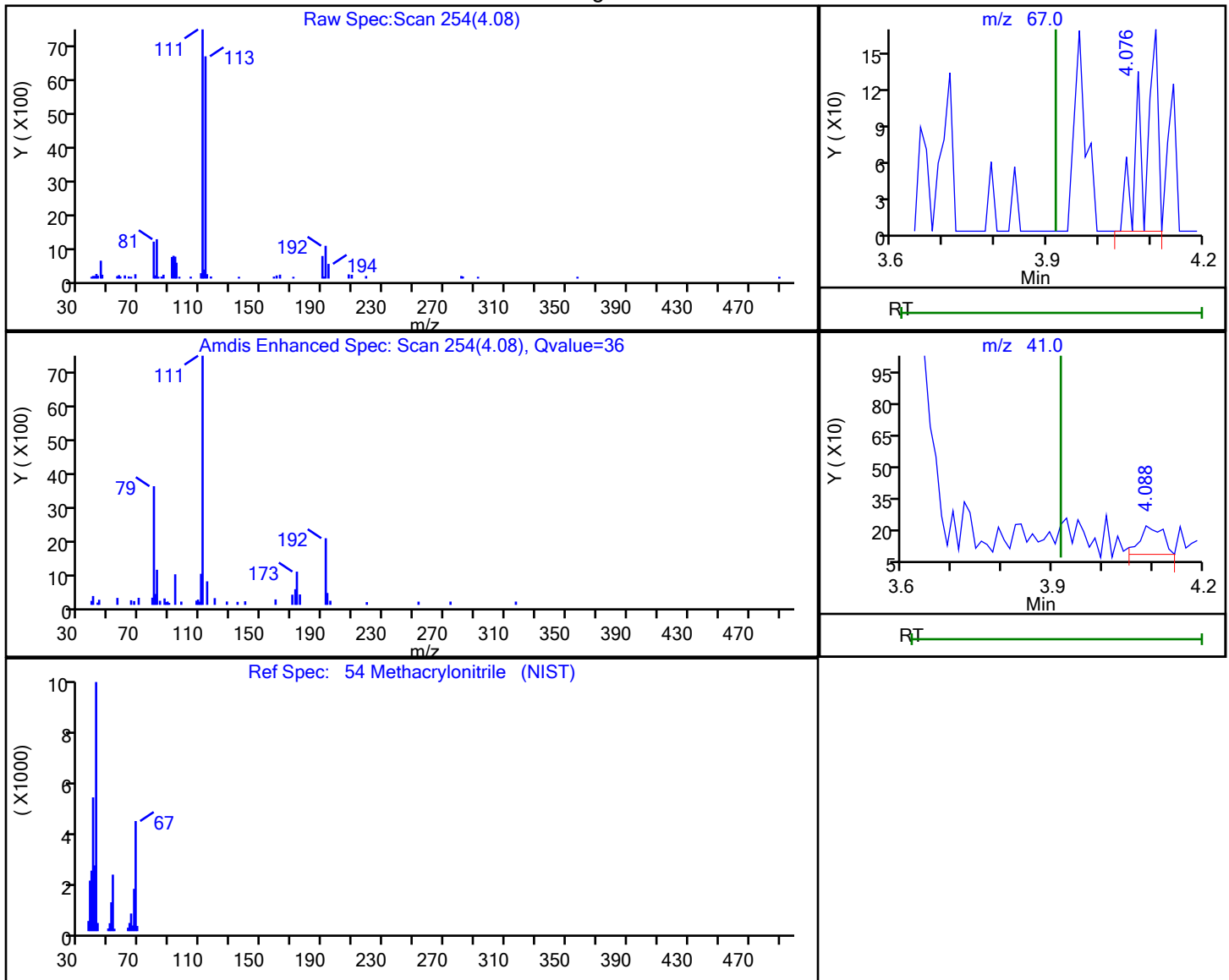
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 54 Methacrylonitrile, CAS: 126-98-7

## Processing Results



RT	Mass	Response	Amount
4.08	67.00	316	0.137175
4.09	41.00	439	

Reviewer: martineze, 04-Jun-2021 13:29:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

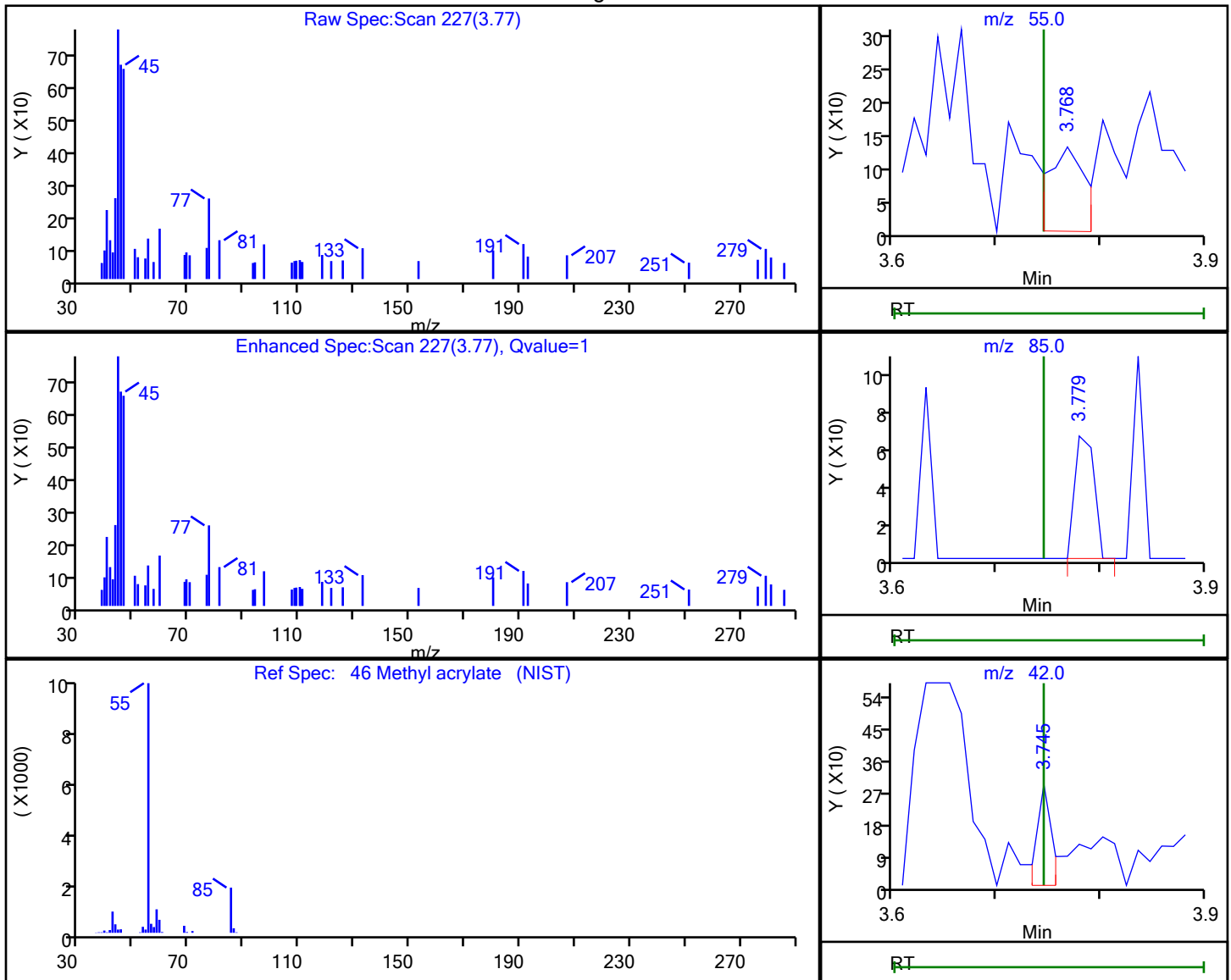
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 46 Methyl acrylate, CAS: 96-33-3

## Processing Results



RT	Mass	Response	Amount
3.77	55.00	321	0.076301
3.78	85.00	82	
3.74	42.00	294	

Reviewer: martineze, 04-Jun-2021 13:28:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

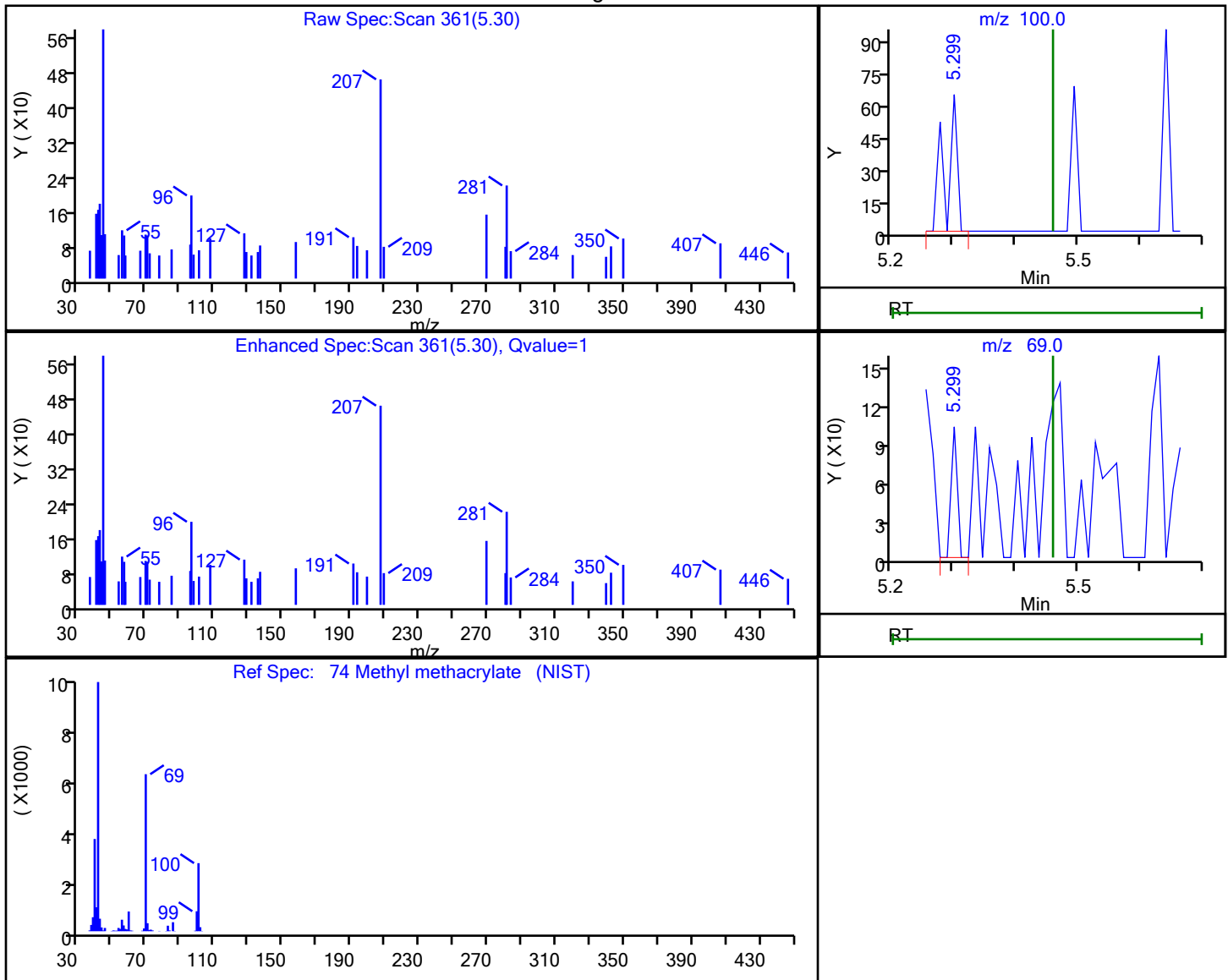
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 74 Methyl methacrylate, CAS: 80-62-6

## Processing Results



RT	Mass	Response	Amount
5.30	100.00	80	0.051920
5.30	69.00	69	

Reviewer: martineze, 04-Jun-2021 13:29:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

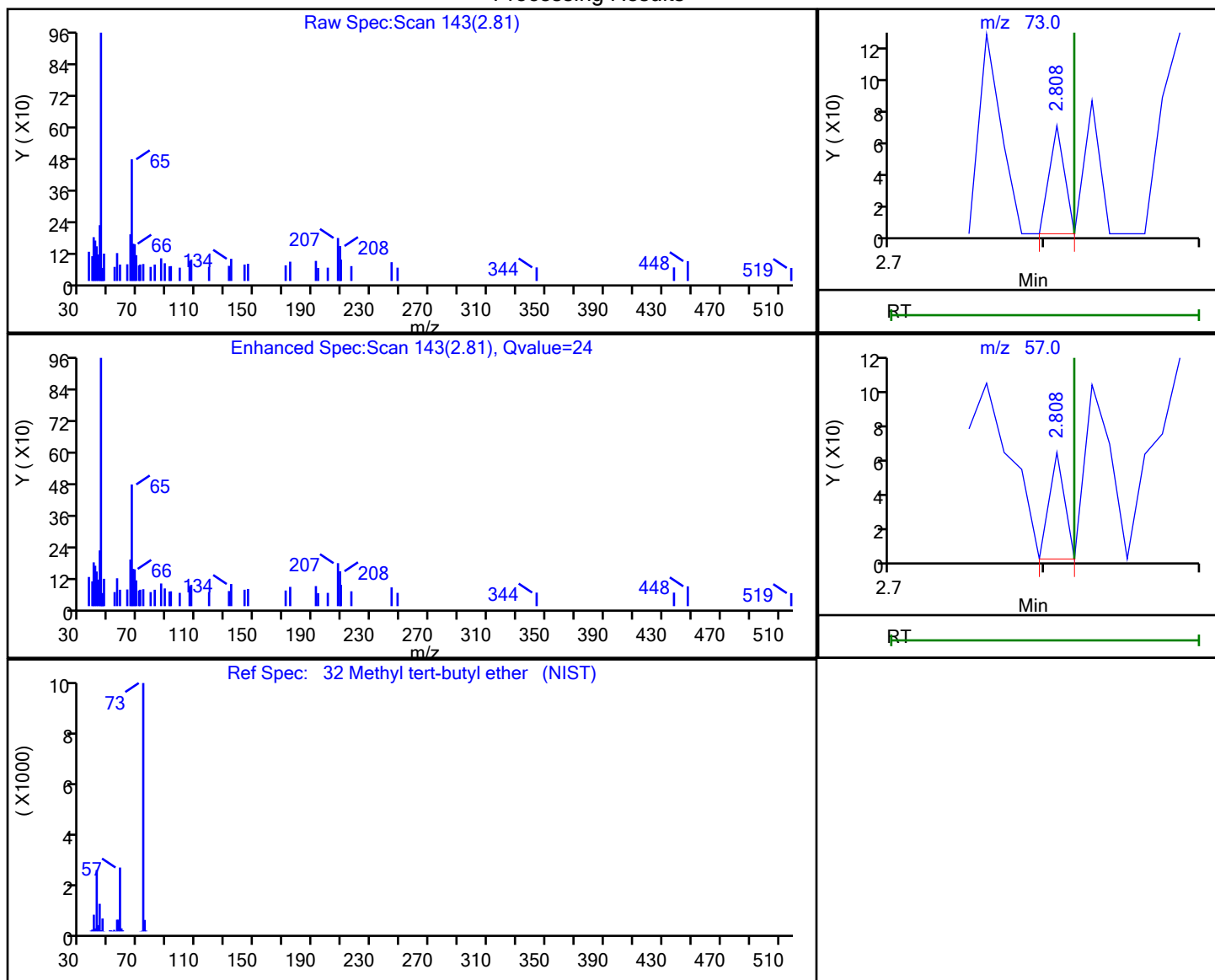
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 32 Methyl tert-butyl ether, CAS: 1634-04-4

## Processing Results



RT	Mass	Response	Amount
2.81	73.00	45	0.003336
2.81	57.00	43	

Reviewer: martineze, 04-Jun-2021 13:28:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

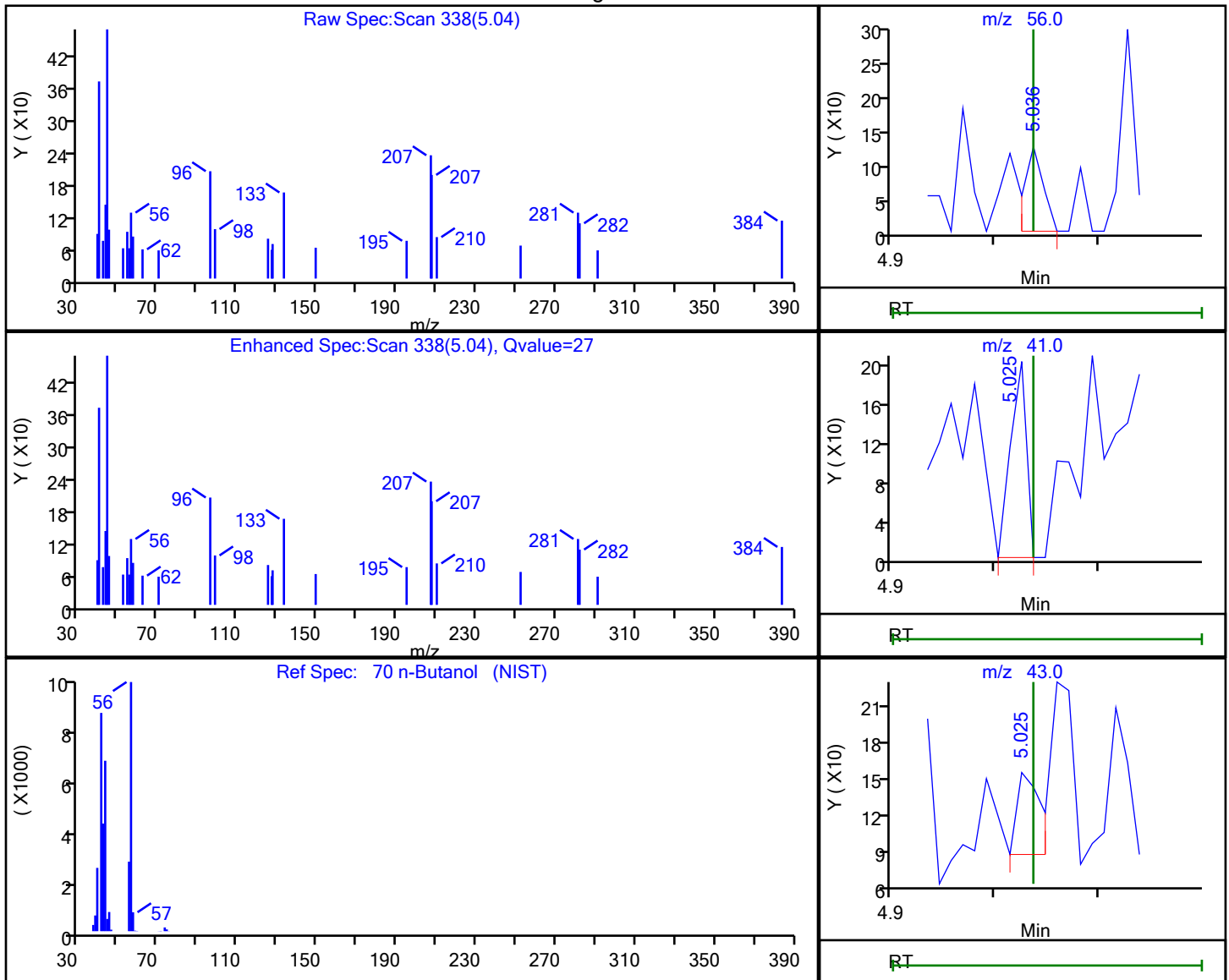
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 70 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
5.04	56.00	160	7.284198
5.03	41.00	215	
5.03	43.00	107	

Reviewer: martineze, 04-Jun-2021 13:29:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

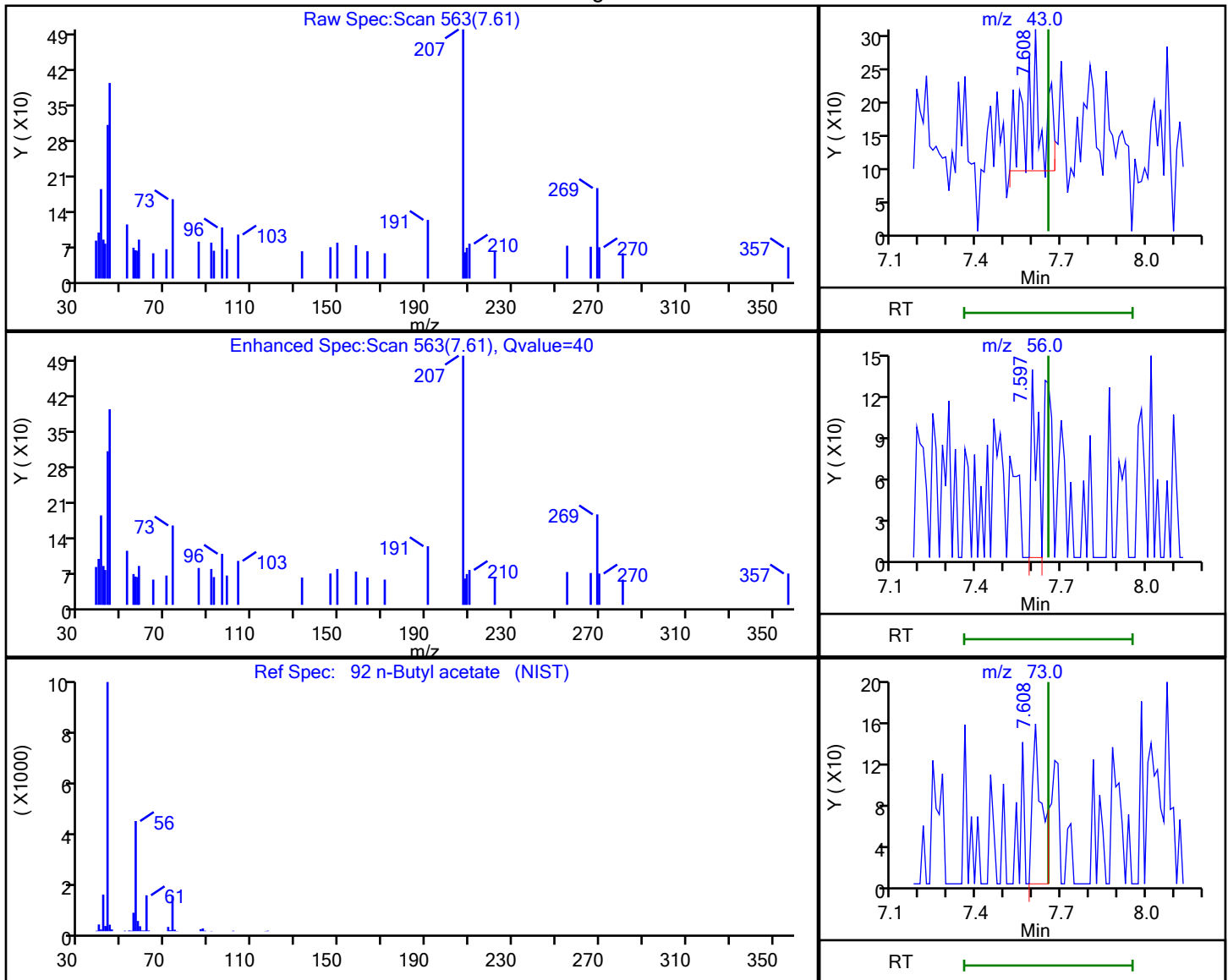
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 92 n-Butyl acetate, CAS: 123-86-4

## Processing Results



RT	Mass	Response	Amount
7.61	43.00	761	0.092082
7.60	56.00	205	
7.61	73.00	375	

Reviewer: martineze, 04-Jun-2021 13:29:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

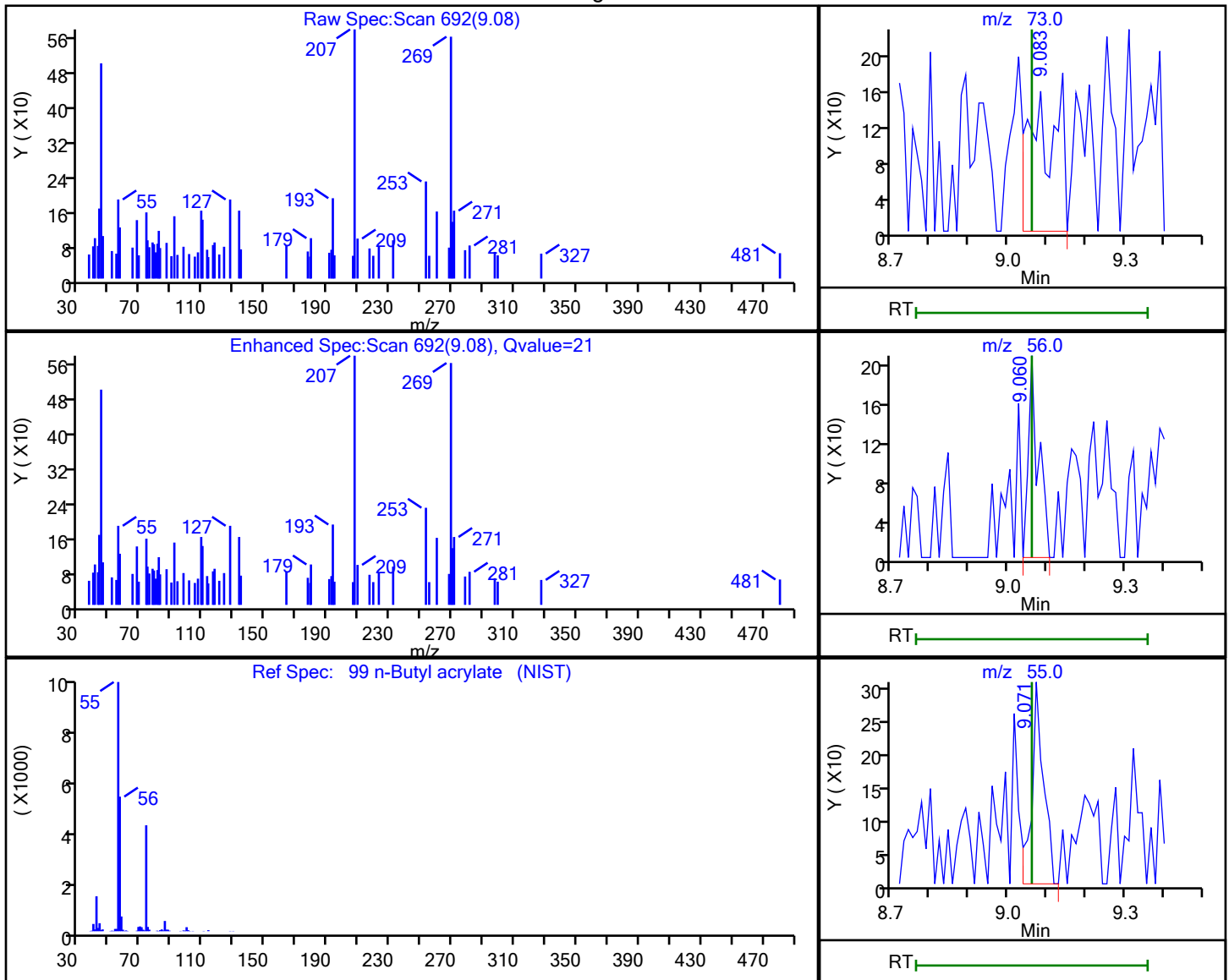
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 99 n-Butyl acrylate, CAS: 141-32-2

## Processing Results



RT	Mass	Response	Amount
9.08	73.00	766	0.243068
9.06	56.00	378	
9.07	55.00	636	

Reviewer: martineze, 04-Jun-2021 13:29:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

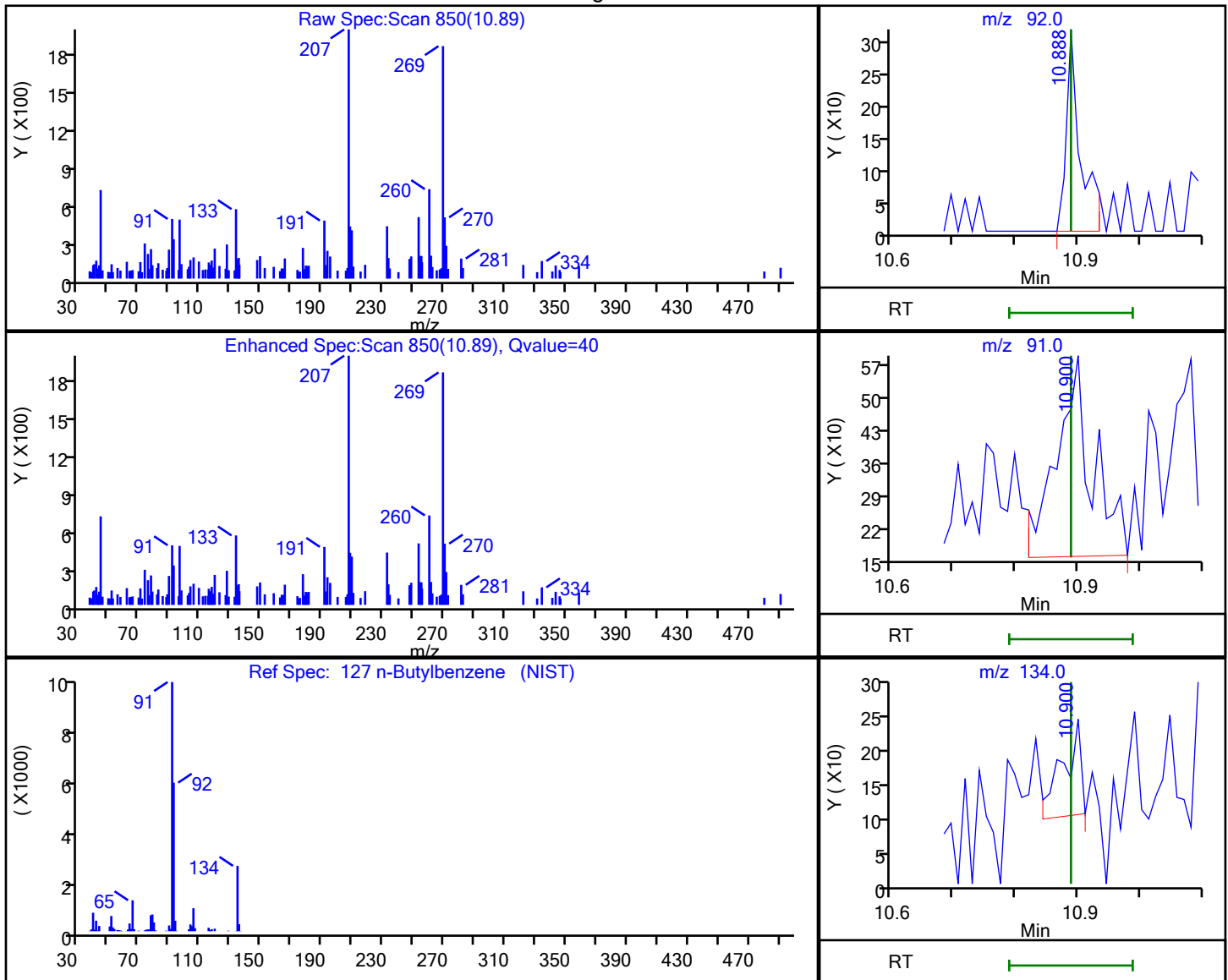
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 127 n-Butylbenzene, CAS: 104-51-8

## Processing Results



RT	Mass	Response	Amount
10.89	92.00	503	0.071306
10.90	91.00	1736	
10.90	134.00	291	

Reviewer: martineze, 04-Jun-2021 13:30:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

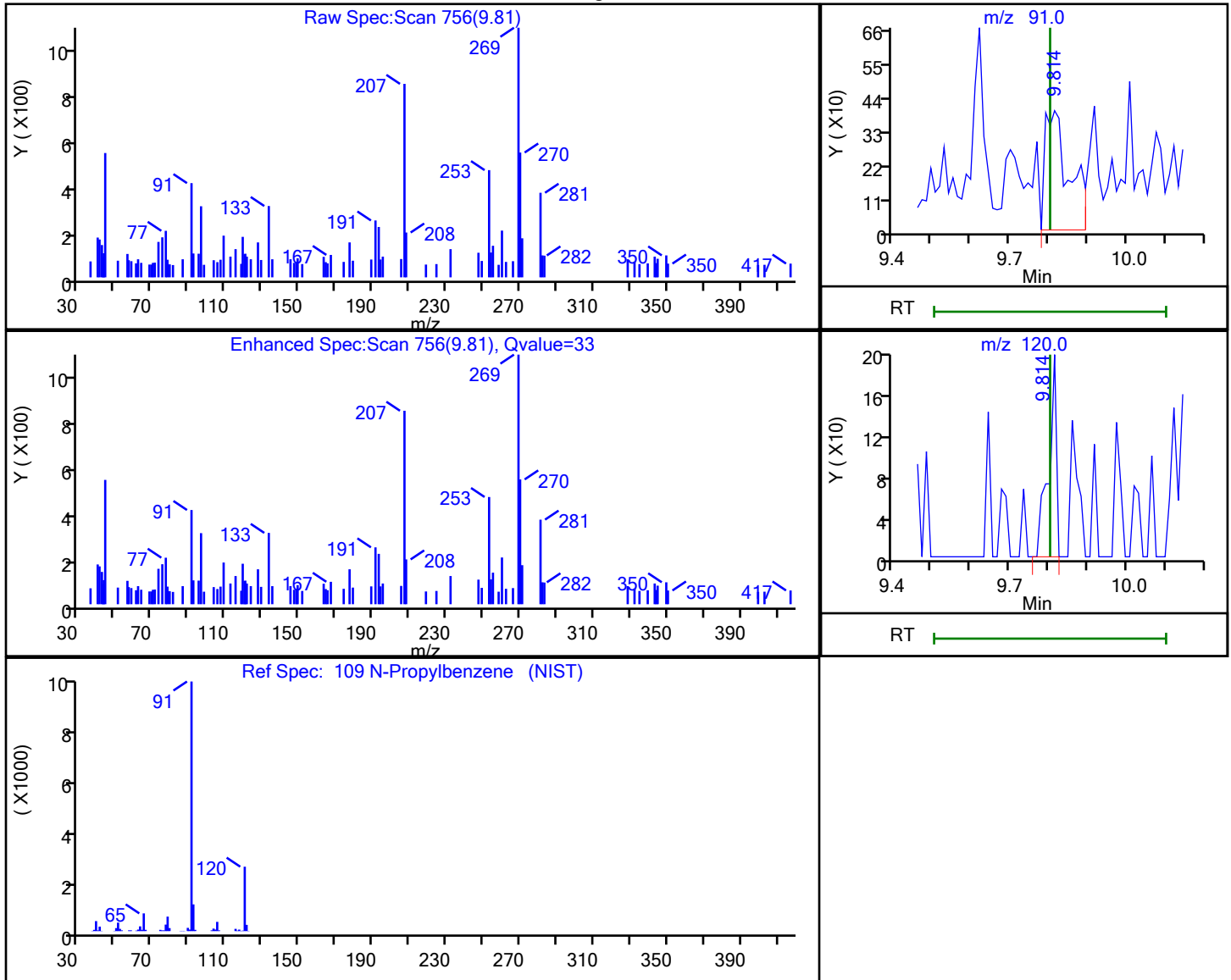
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 109 N-Propylbenzene, CAS: 103-65-1

## Processing Results



RT	Mass	Response	Amount
9.81	91.00	1691	0.073653
9.81	120.00	270	

Reviewer: martineze, 04-Jun-2021 13:29:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

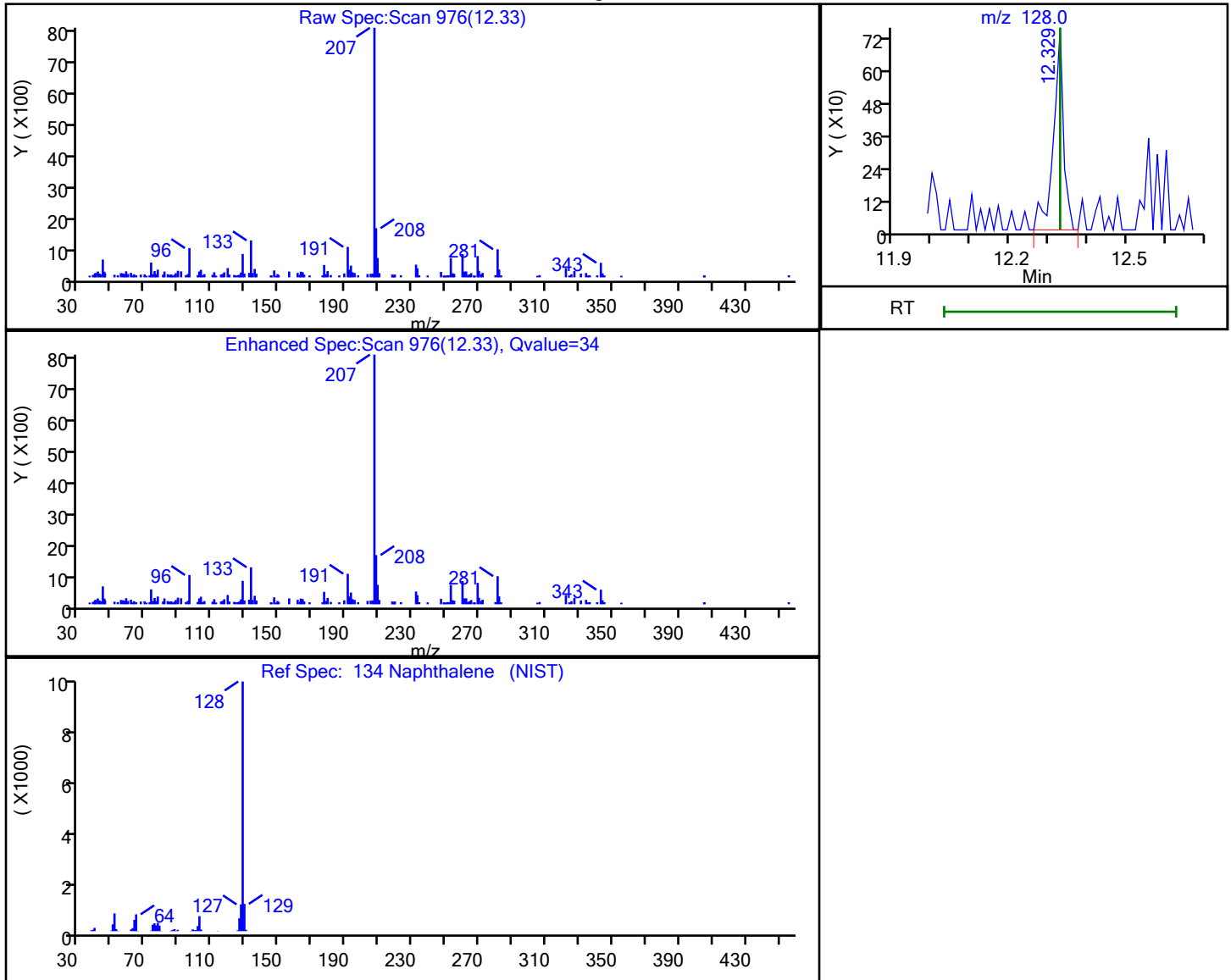
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector MS Quad

## 134 Naphthalene, CAS: 91-20-3

## Processing Results



RT	Mass	Response	Amount
12.33	128.00	1376	0.100086

Reviewer: martineze, 04-Jun-2021 13:30:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

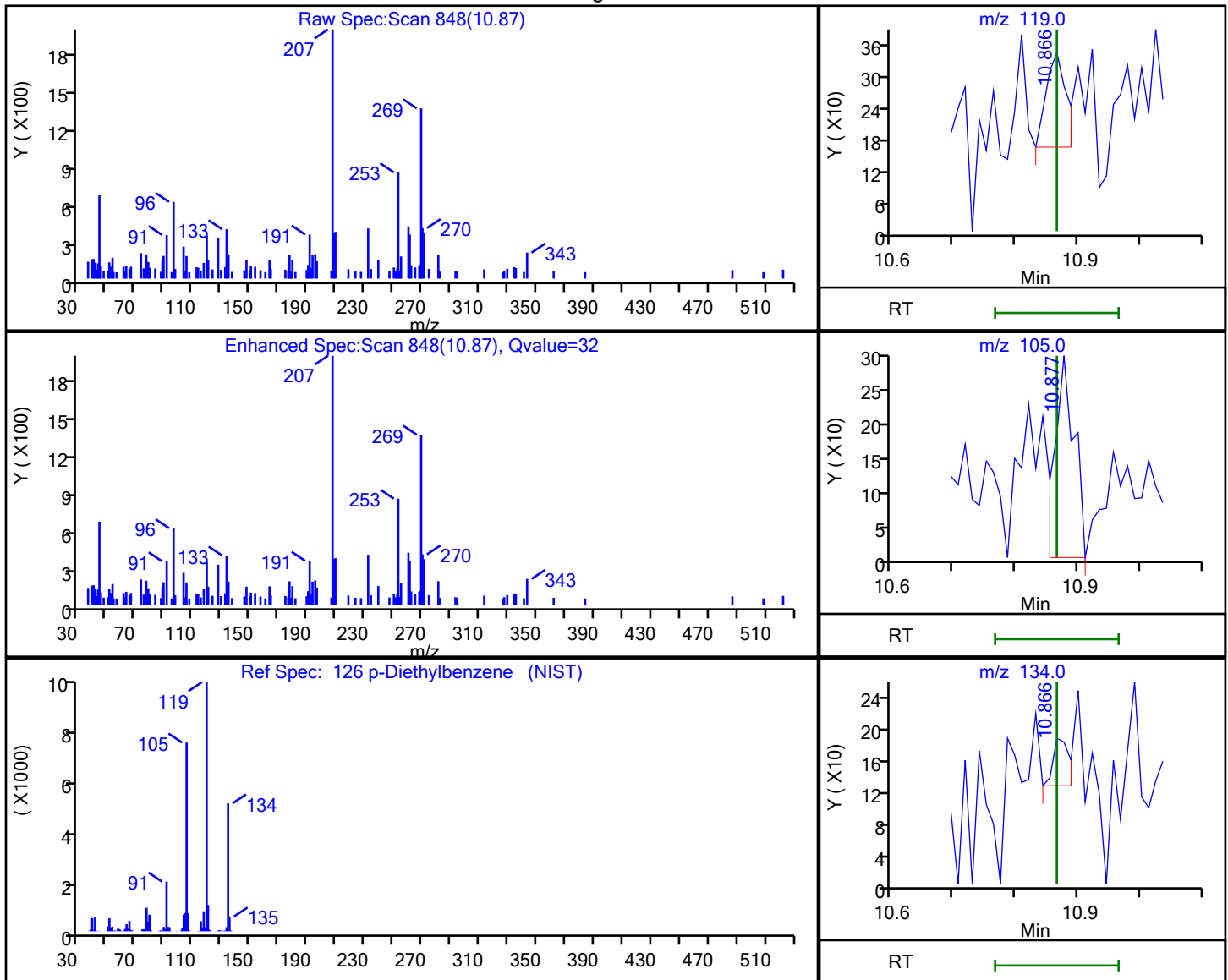
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 126 p-Diethylbenzene, CAS: 105-05-5

## Processing Results



RT	Mass	Response	Amount
10.87	119.00	404	0.049080
10.88	105.00	637	
10.87	134.00	108	

Reviewer: martineze, 04-Jun-2021 13:30:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

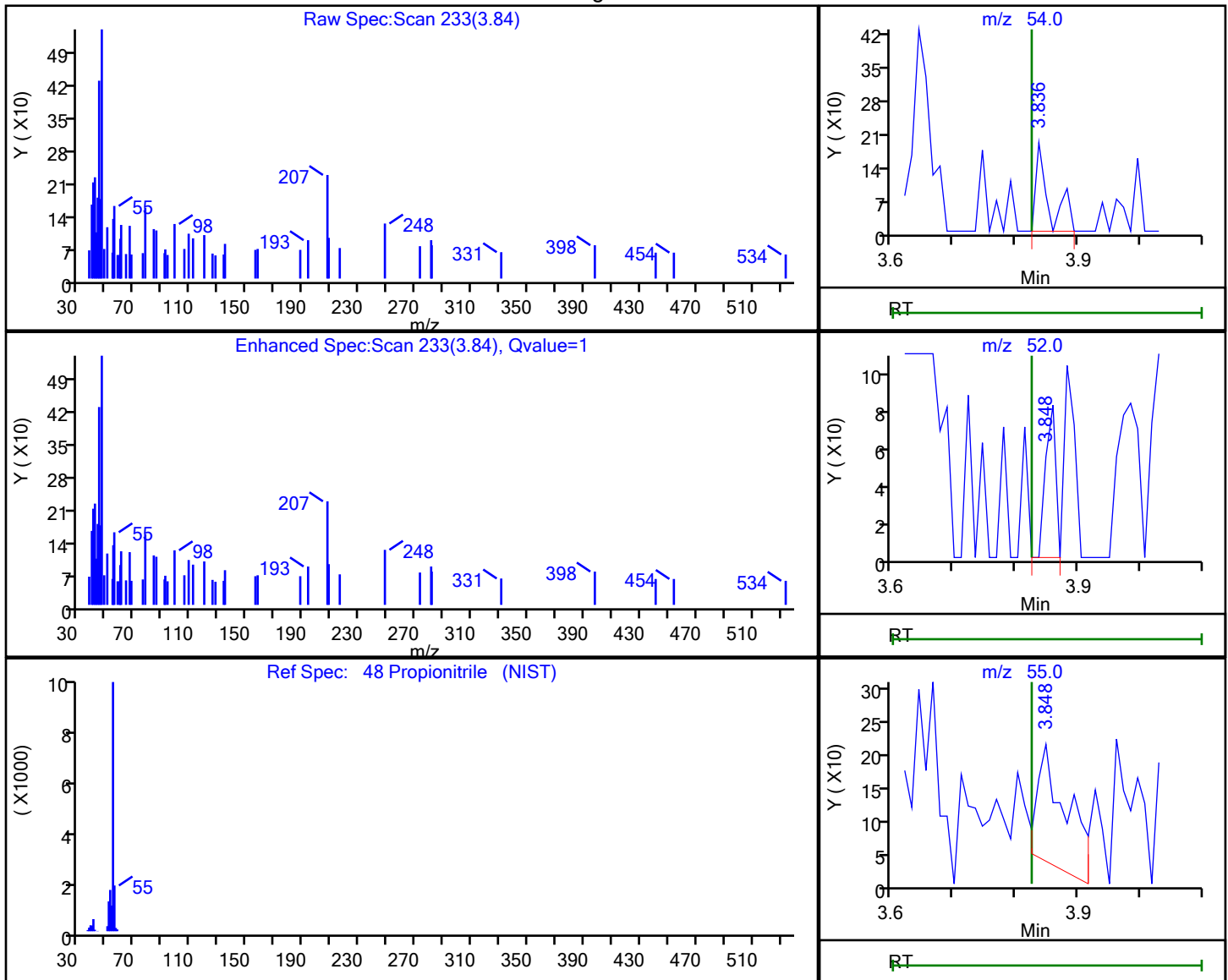
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 48 Propionitrile, CAS: 107-12-0

## Processing Results



RT	Mass	Response	Amount
3.84	54.00	276	0.400035
3.85	52.00	88	
3.85	55.00	597	

Reviewer: martineze, 04-Jun-2021 13:29:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

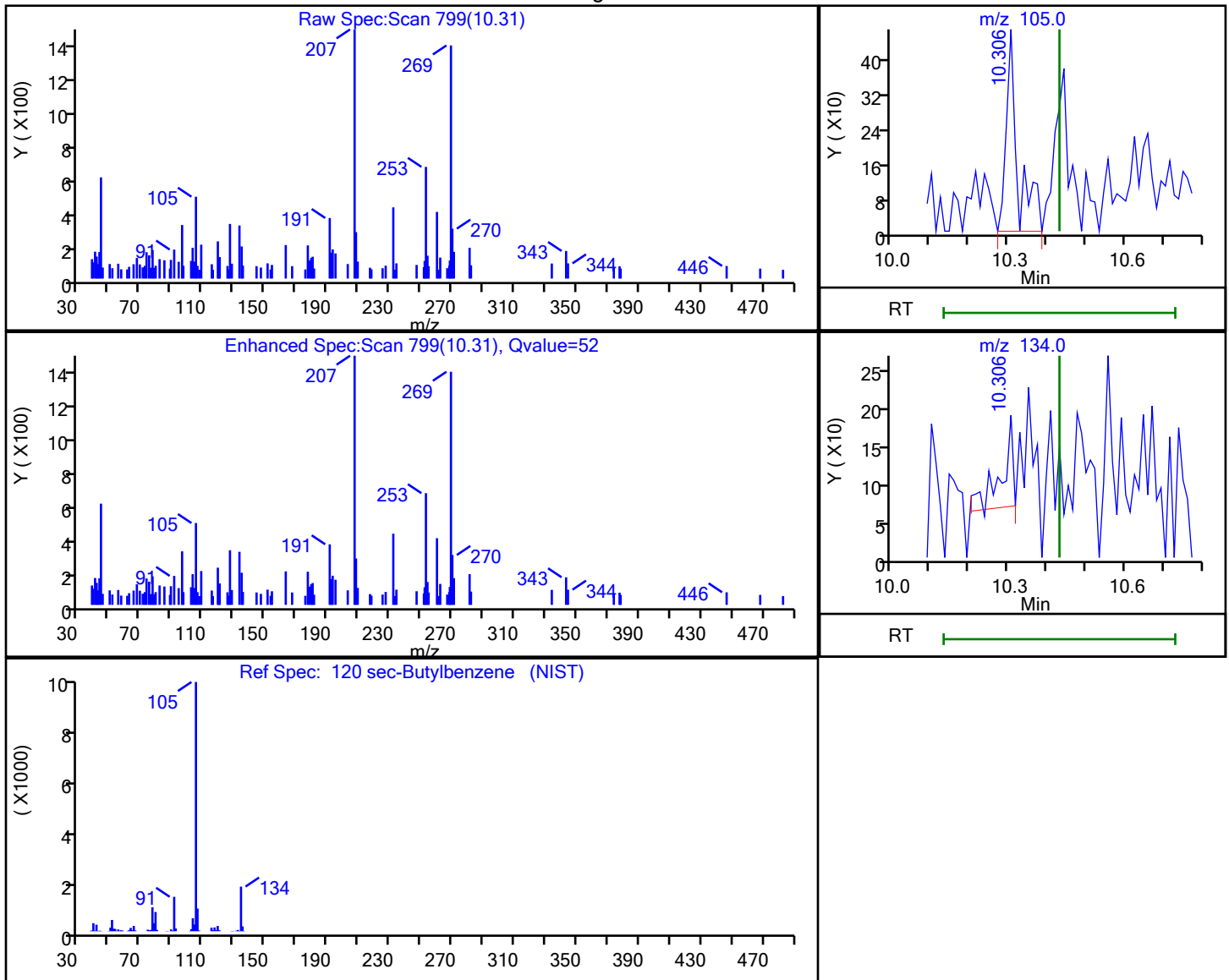
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 120 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



RT	Mass	Response	Amount
10.31	105.00	972	0.052259
10.31	134.00	236	

Reviewer: martineze, 04-Jun-2021 13:30:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

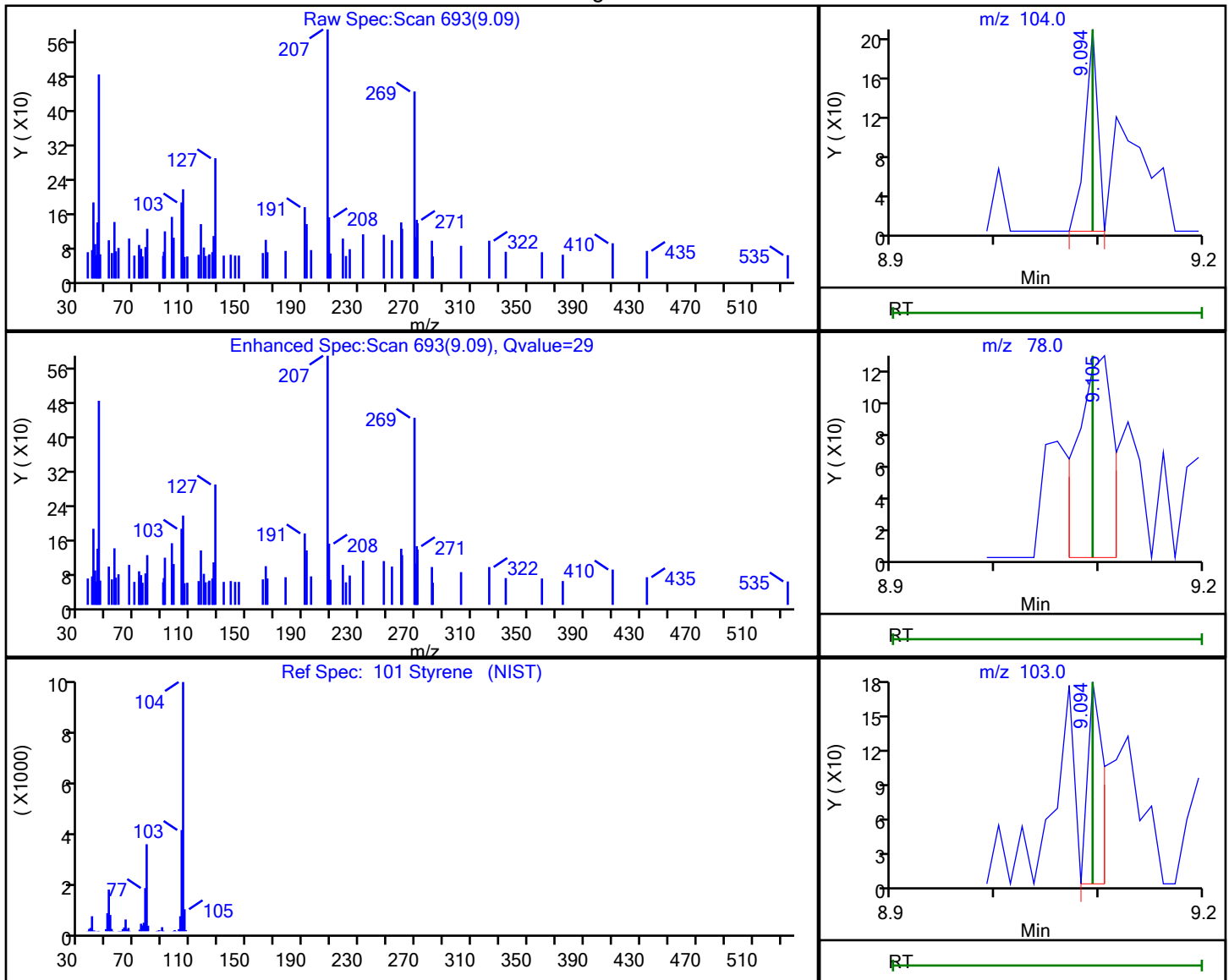
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS Quad

## 101 Styrene, CAS: 100-42-5

## Processing Results



RT	Mass	Response	Amount
9.09	104.00	179	0.014666
9.11	78.00	307	
9.09	103.00	194	

Reviewer: martineze, 04-Jun-2021 13:29:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

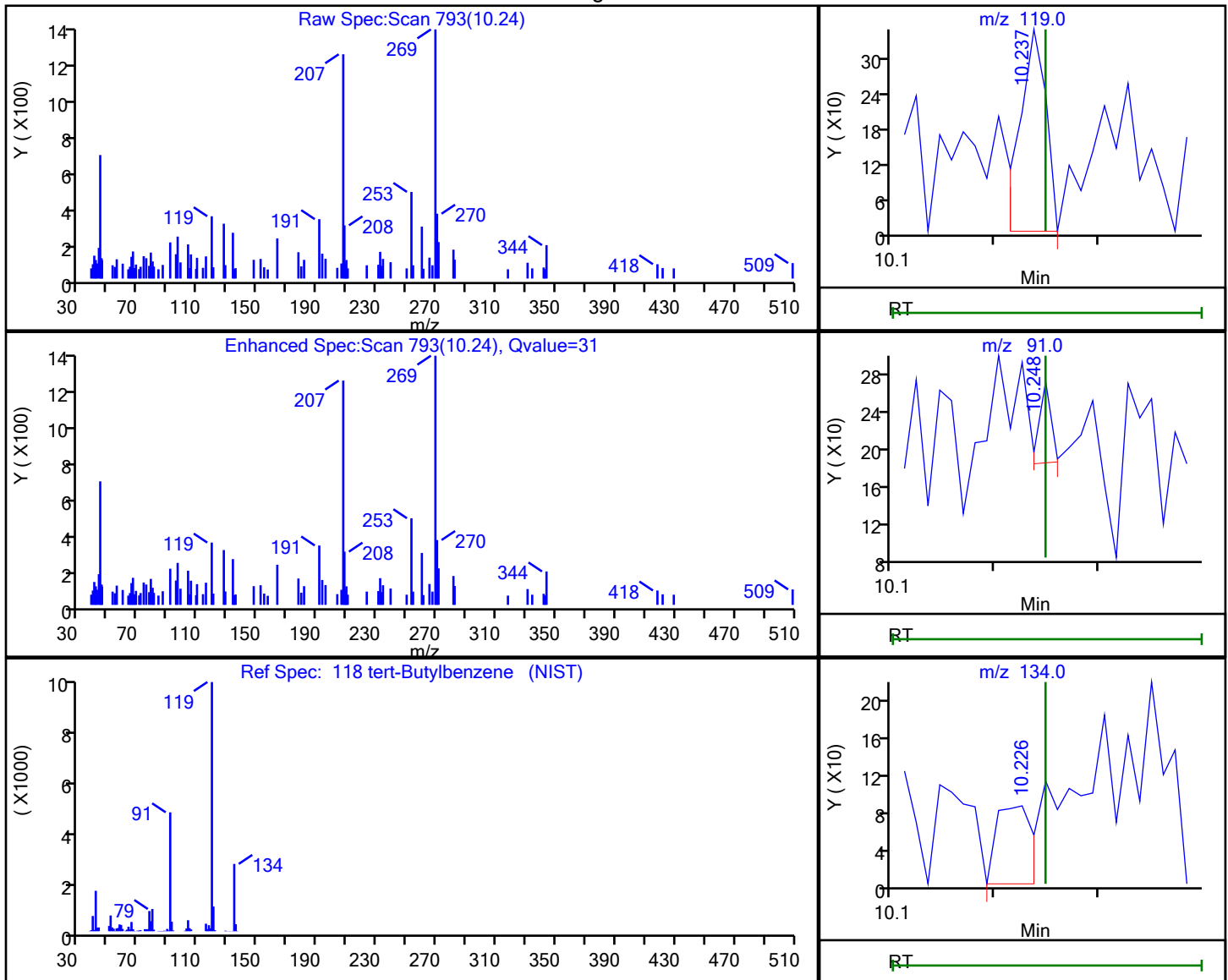
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 118 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



RT	Mass	Response	Amount
10.24	119.00	607	0.045831
10.25	91.00	69	
10.23	134.00	206	

Reviewer: martineze, 04-Jun-2021 13:29:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

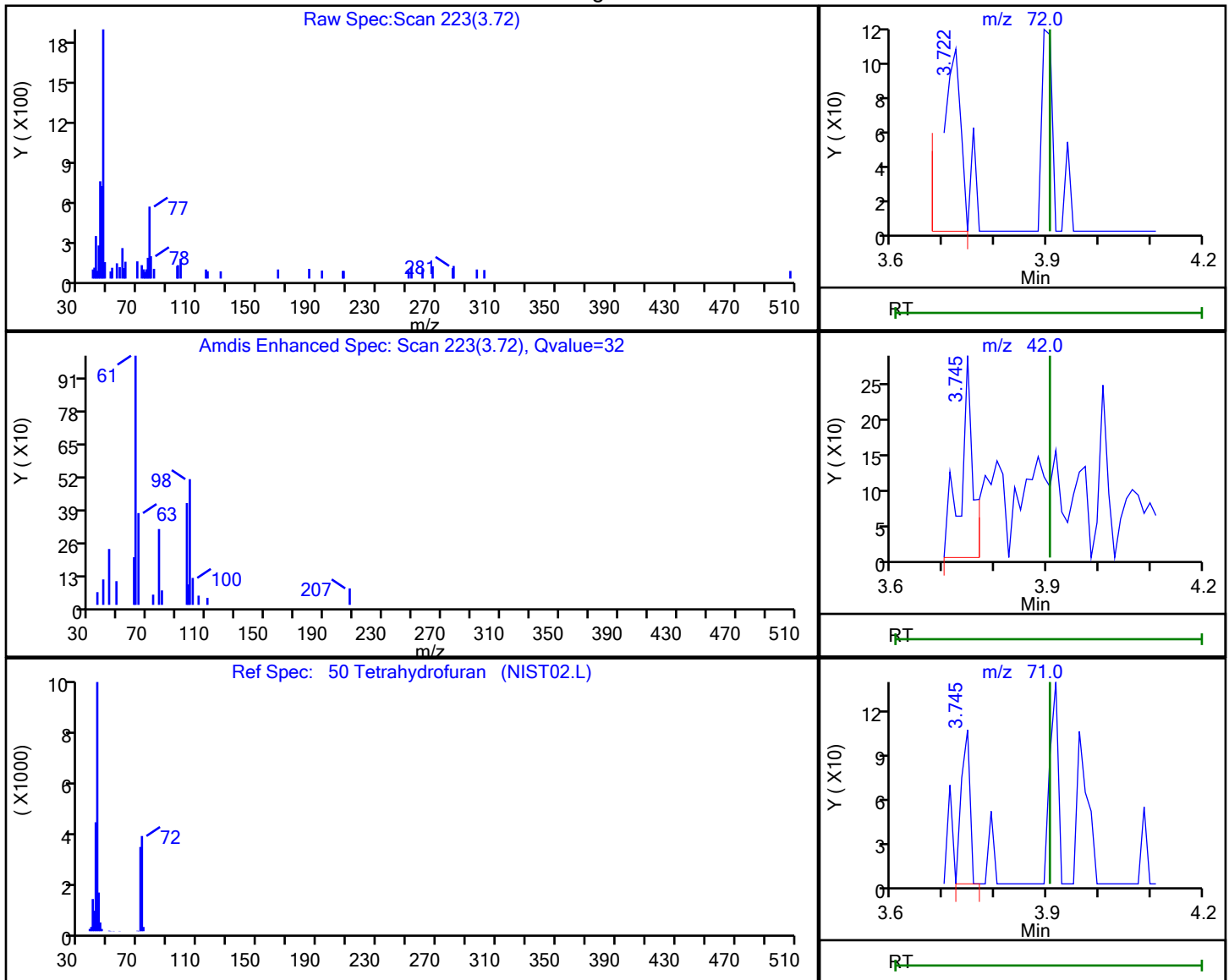
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 50 Tetrahydrofuran, CAS: 109-99-9

## Processing Results



RT	Mass	Response	Amount
3.72	72.00	204	0.291906
3.74	42.00	475	
3.74	71.00	123	

Reviewer: martineze, 04-Jun-2021 13:29:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

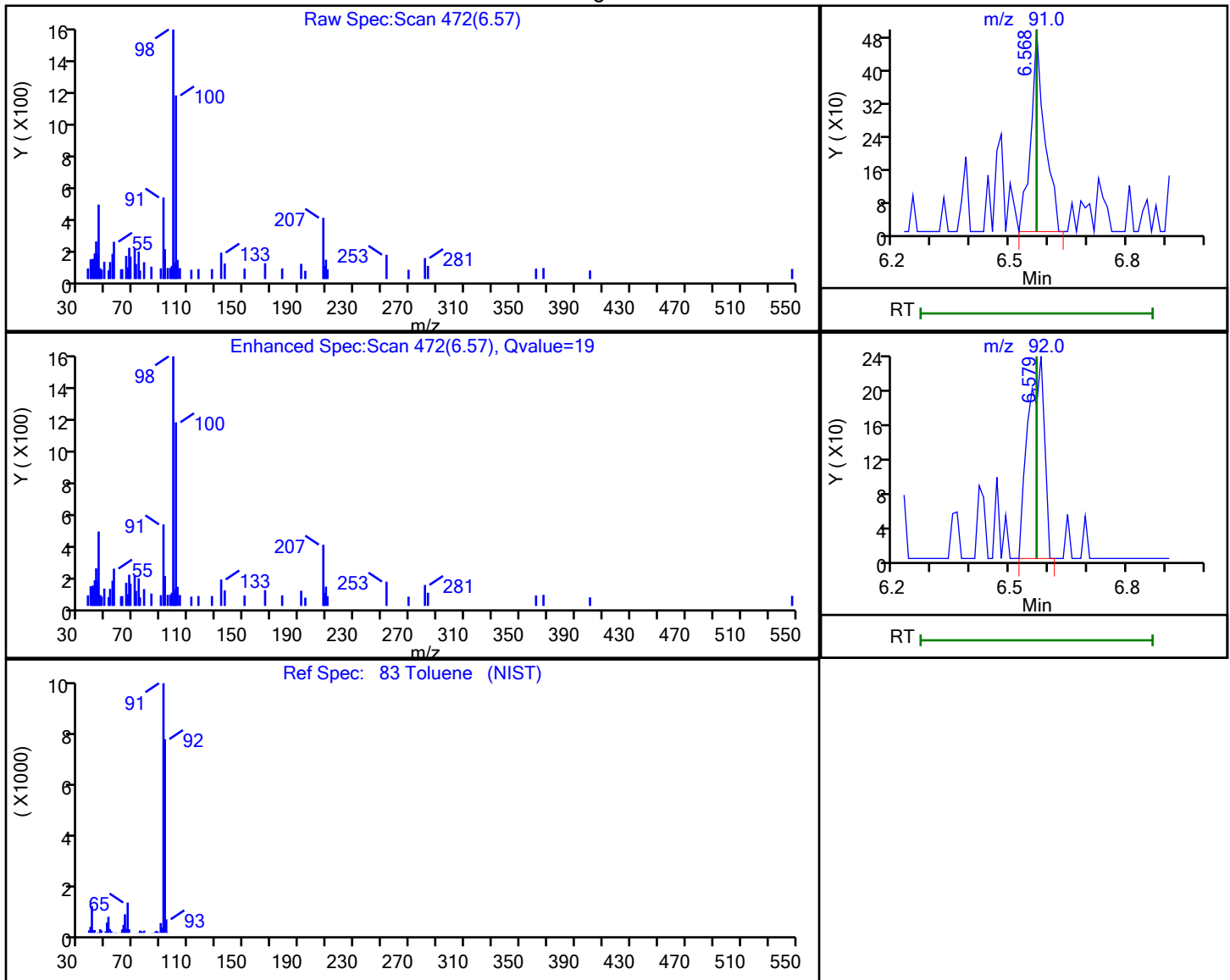
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 83 Toluene, CAS: 108-88-3

## Processing Results



RT	Mass	Response	Amount
6.57	91.00	1210	0.060904
6.58	92.00	684	

Reviewer: martineze, 04-Jun-2021 13:29:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

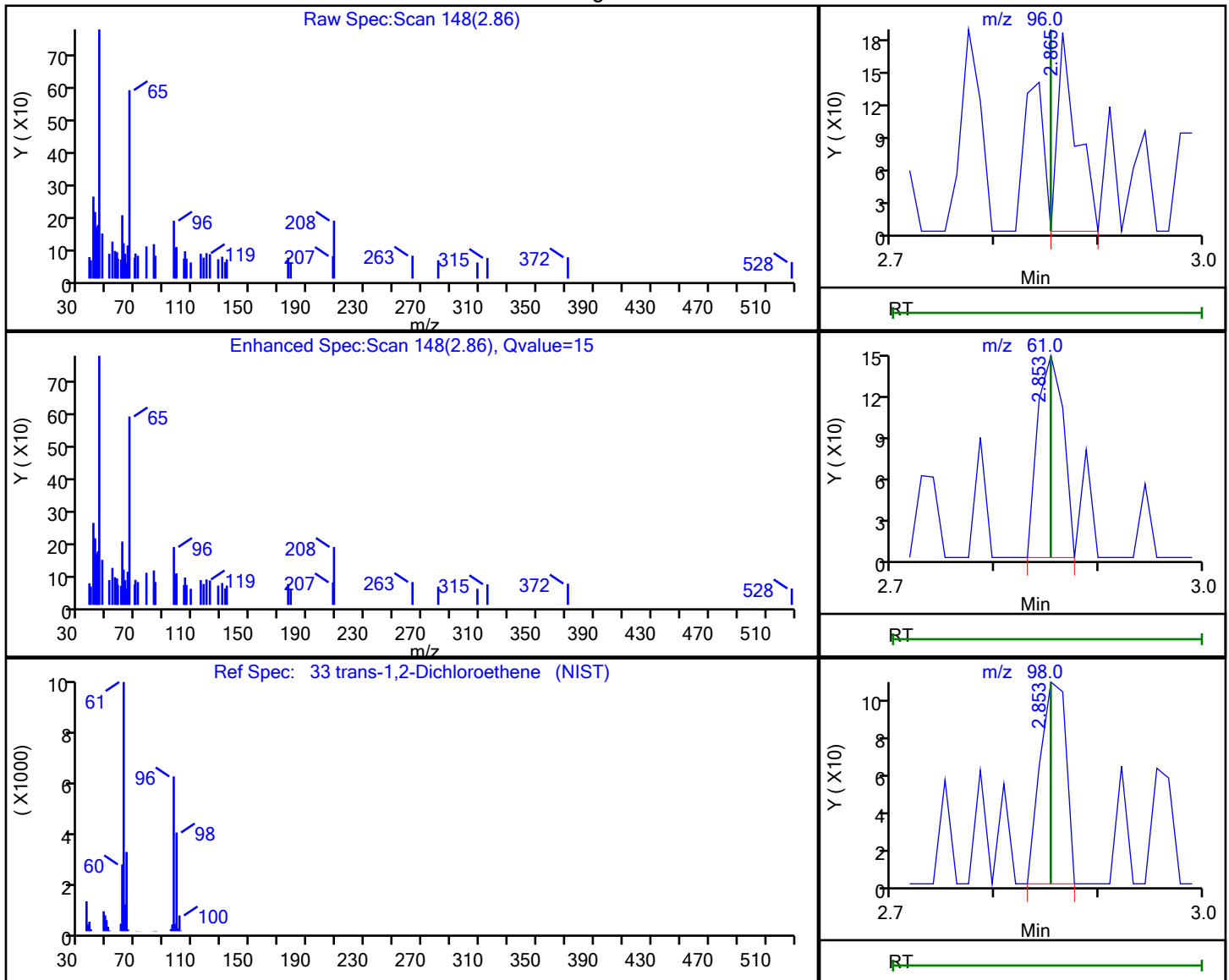
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 33 trans-1,2-Dichloroethene, CAS: 156-60-5

## Processing Results



RT	Mass	Response	Amount
2.86	96.00	230	0.038256
2.85	61.00	256	
2.85	98.00	179	

Reviewer: martineze, 04-Jun-2021 13:28:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

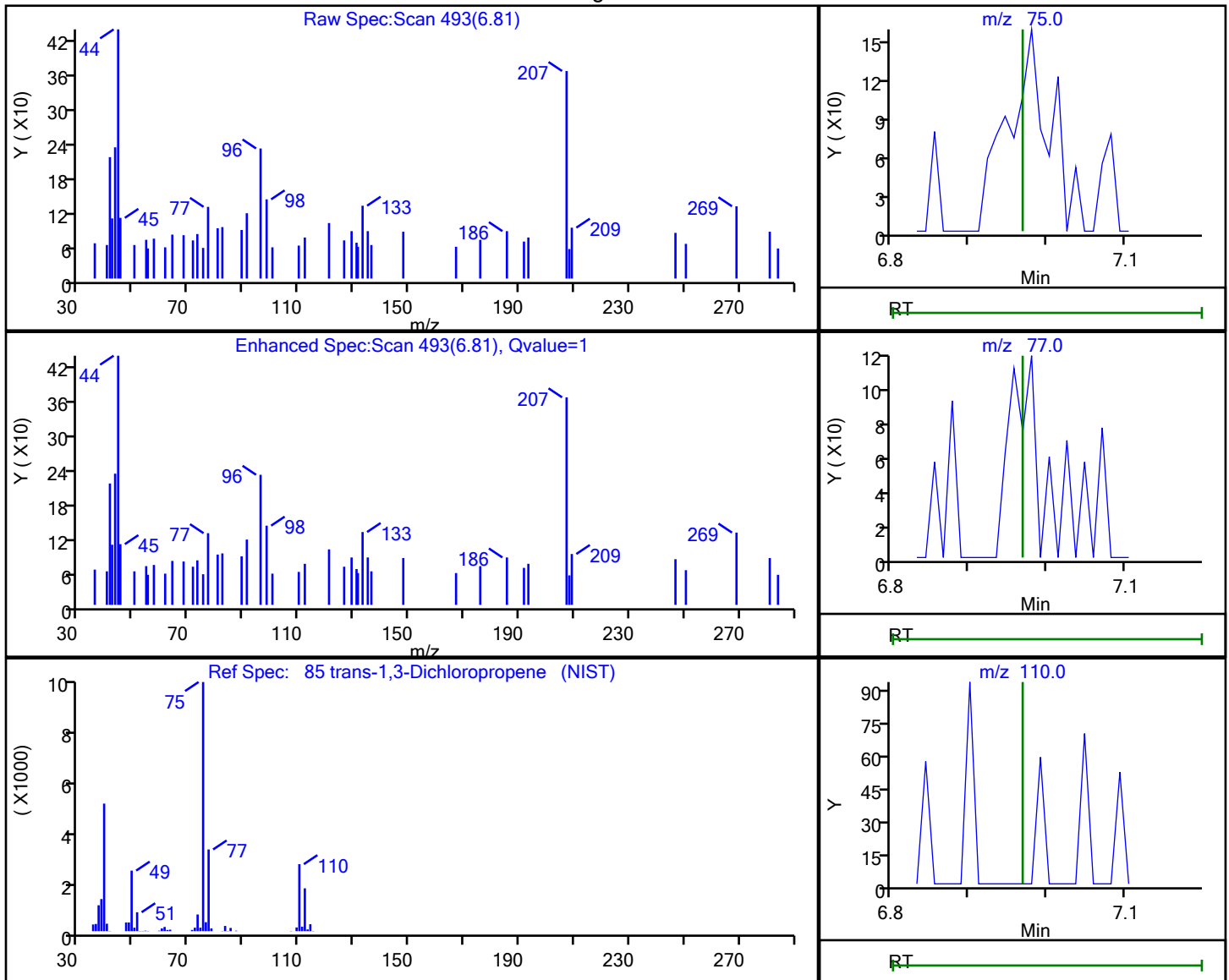
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 85 trans-1,3-Dichloropropene, CAS: 10061-02-6

## Processing Results



RT	Mass	Response	Amount
6.81	75.00	72	0.011682
6.81	77.00	290	
6.81	110.00	78	

Reviewer: martineze, 04-Jun-2021 13:29:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

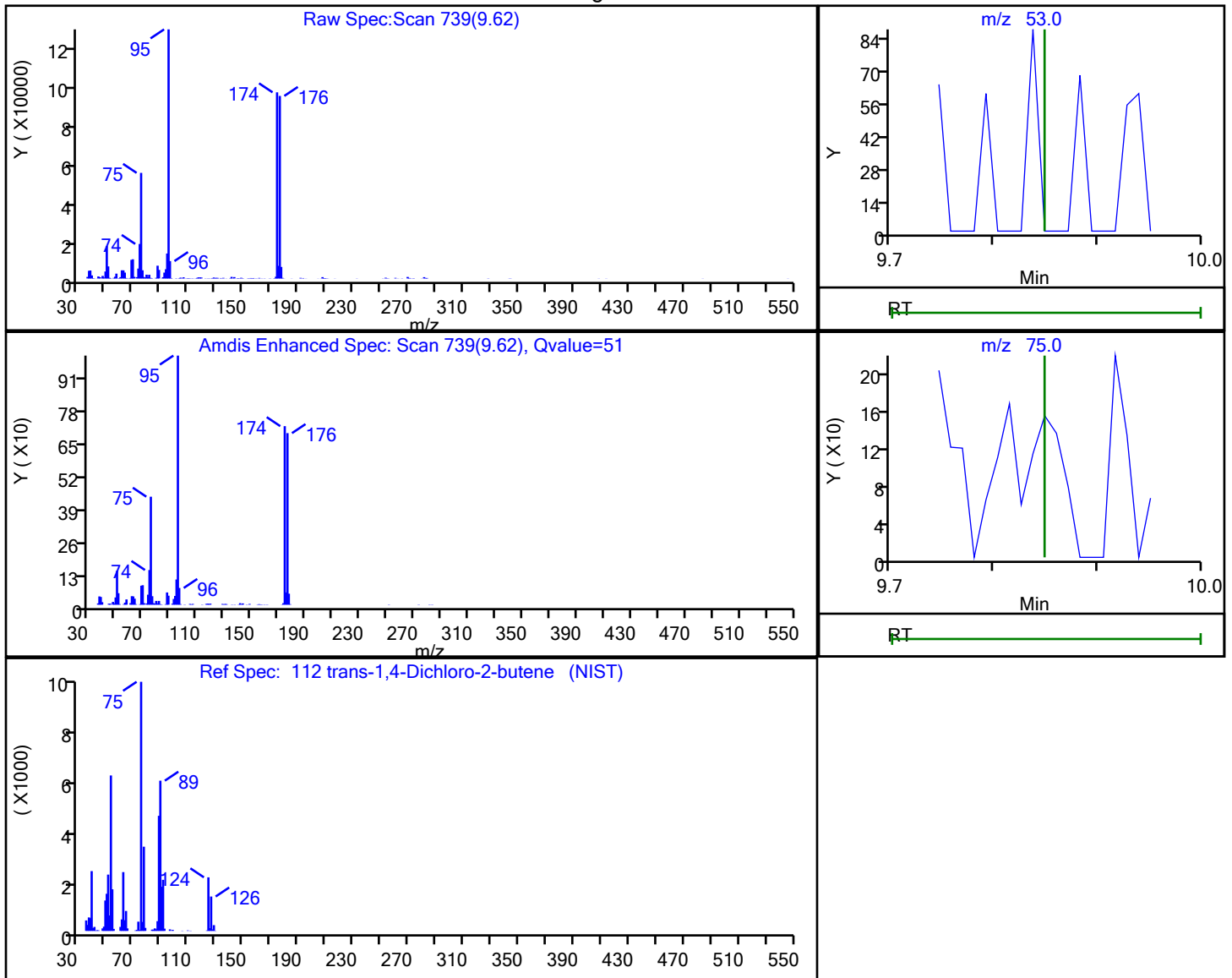
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

## Processing Results



RT	Mass	Response	Amount
9.62	53.00	147	0.102670
9.62	75.00	92611	

Reviewer: martineze, 04-Jun-2021 13:29:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

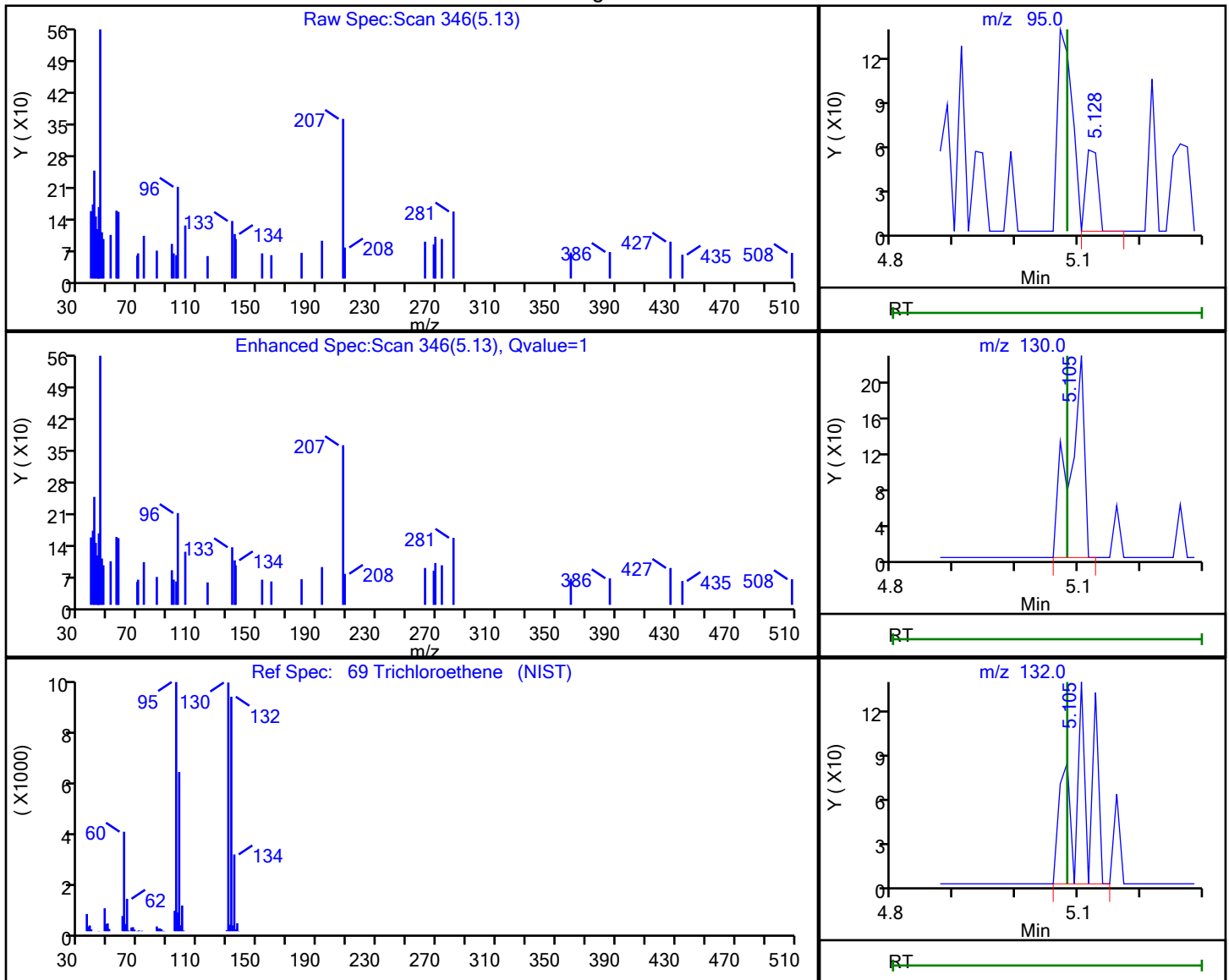
Column: Rtx-624 (0.25 mm)

Detector

MS Quad

## 69 Trichloroethene, CAS: 79-01-6

## Processing Results



RT	Mass	Response	Amount
5.13	95.00	73	0.015481
5.11	130.00	364	
5.11	132.00	282	

Reviewer: martineze, 04-Jun-2021 13:29:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

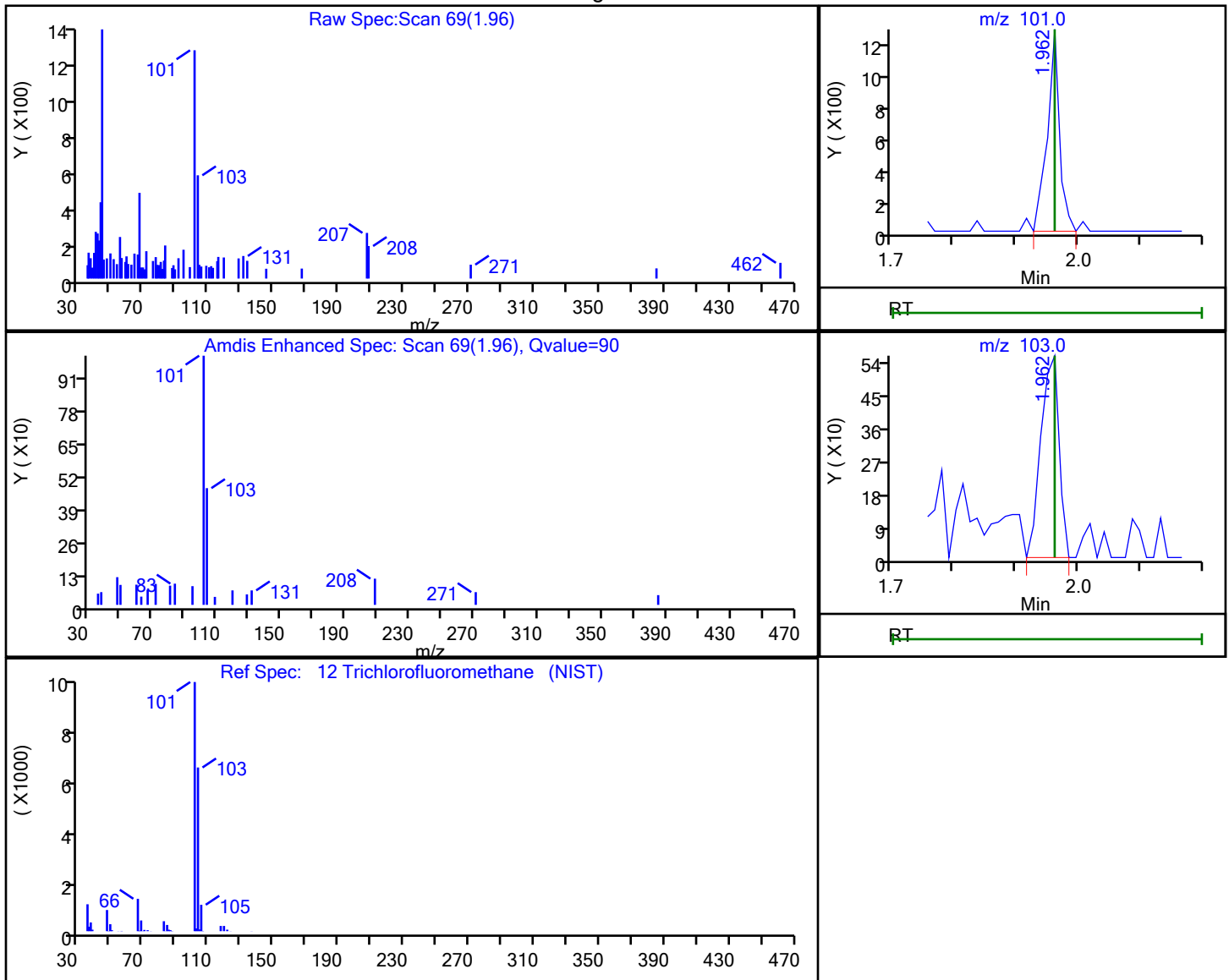
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 12 Trichlorofluoromethane, CAS: 75-69-4

## Processing Results



RT	Mass	Response	Amount
1.96	101.00	1704	0.245765
1.96	103.00	1144	

Reviewer: martineze, 04-Jun-2021 13:28:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02680.D

Injection Date: 04-Jun-2021 12:47:30

Instrument ID: CVOAMS7

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

53

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

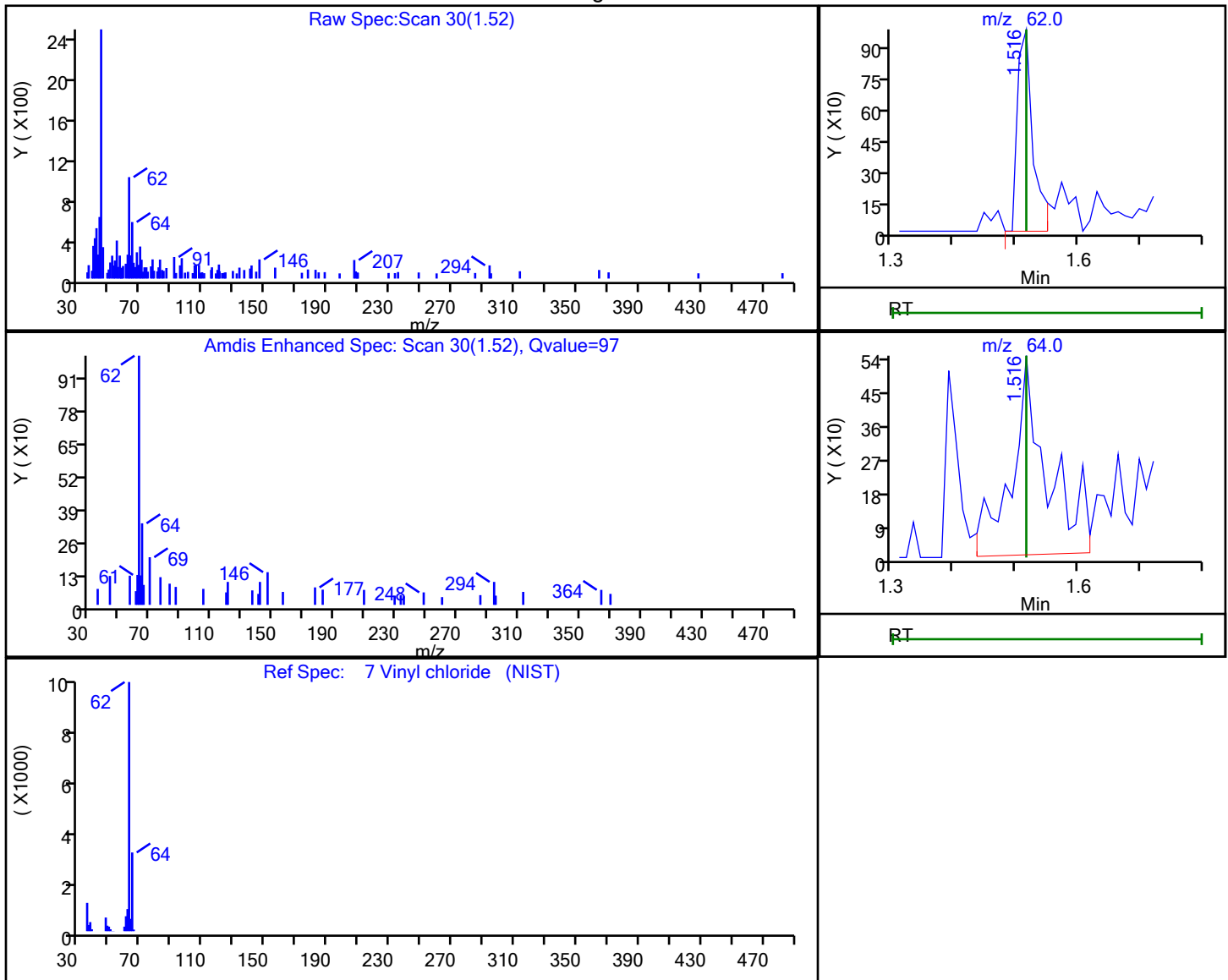
Column: Rtx-624 ( 0.25 mm)

Detector

MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



RT	Mass	Response	Amount
1.52	62.00	1714	0.248166
1.52	64.00	2205	

Reviewer: martineze, 04-Jun-2021 13:28:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02681.D  
 Lims ID: STD1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 04-Jun-2021 13:10:30 ALS Bottle#: 54 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD1  
 Misc. Info.: 460-0129741-005  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 19:58:14 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 13:33:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.288	1.287	0.001	83	2202	1.00	1.04	
4 1,1-Difluoroethane	65	1.299	1.299	0.000	64	2364	1.00	0.9464	
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	98	8004	1.00	1.13	
2 Chlorodifluoromethane	67	1.333	1.333	0.000	99	1099	1.00	1.31	
6 Chloromethane	50	1.459	1.459	0.000	98	6075	1.00	0.99	
7 Vinyl chloride	62	1.516	1.516	0.000	96	6992	1.00	1.03	
8 Butadiene	54	1.539	1.539	0.000	94	7391	1.00	1.10	
9 Bromomethane	94	1.756	1.745	0.011	98	4592	1.00	1.18	
10 Chloroethane	64	1.813	1.813	0.000	94	3735	1.00	1.11	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	96	7969	1.00	0.9435	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	96	7212	1.00	1.00	
13 Pentane	72	1.996	1.996	0.000	97	2078	2.00	2.06	
17 Ethanol	46	2.111	2.110	0.000	85	1414	40.0	52.8	
14 Ethyl ether	74	2.145	2.145	0.000	88	3076	1.00	0.9896	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	92	4716	1.00	0.9887	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	93	4202	1.00	1.06	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.225	0.000	95	6855	1.00	1.00	a
18 1,1,2,2-TCTFE	101	2.282	2.282	0.000	94	4739	1.00	1.02	
52 Acrolein	56	2.293	2.293	0.000	94	4542	4.06	3.65	
20 1,1-Dichloroethene	96	2.328	2.327	0.001	93	4692	1.00	1.02	
23 Acetone	43	2.396	2.385	0.011	86	8286	5.00	6.09	
21 Iodomethane	142	2.453	2.453	0.000	96	4179	1.00	0.9018	
24 Isopropyl alcohol	45	2.453	2.453	0.000	60	3264	10.0	11.2	a
22 Carbon disulfide	76	2.488	2.488	0.000	99	14270	1.00	1.00	
30 Methyl acetate	43	2.591	2.590	0.001	93	6409	2.00	1.48	
26 3-Chloro-1-propene	76	2.579	2.590	-0.011	86	2513	1.00	0.8015	
25 Cyclopentene	67	2.613	2.602	0.011	94	13452	1.00	1.01	
27 Acetonitrile	40	2.659	2.636	0.023	20	5844	10.0	13.1	a
* 28 TBA-d9 (IS)	66	2.671	2.670	0.001	99	38701	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	91	5180	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.728	2.728	0.000	92	5707	10.0	10.8	a
32 Methyl tert-butyl ether	73	2.831	2.819	0.012	98	13556	1.00	0.9308	
33 trans-1,2-Dichloroethene	96	2.865	2.853	0.012	90	6042	1.00	1.14	
35 Acrylonitrile	53	2.922	2.910	0.012	95	19525	10.0	8.60	
36 Hexane	57	2.991	2.990	0.001	90	7437	1.00	1.00	
37 Isopropyl ether	45	3.162	3.162	0.000	93	13966	1.00	0.9307	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	70	8561	1.00	0.9450	
40 Vinyl acetate	86	3.219	3.208	0.011	99	2280	2.00	1.87	
39 2-Chloro-1,3-butadiene	88	3.253	3.253	0.000	87	4538	1.00	0.9458	
41 Tert-butyl ethyl ether	59	3.459	3.448	0.011	91	13903	1.00	0.9546	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	98	218657	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	72	2212	1.00	1.22	
47 Ethyl acetate	70	3.699	3.688	0.011	89	1754	2.00	2.50	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	71	7404	1.00	1.25	
44 2-Butanone (MEK)	72	3.711	3.688	0.023	97	3393	5.00	4.83	
46 Methyl acrylate	55	3.756	3.745	0.011	94	4228	1.00	0.8257	
48 Propionitrile	54	3.825	3.825	0.000	98	7639	10.0	9.16	
50 Tetrahydrofuran	72	3.916	3.905	0.011	55	1503	2.00	1.92	
49 Chlorobromomethane	128	3.905	3.905	0.000	90	2089	1.00	0.8711	
54 Methacrylonitrile	67	3.928	3.916	0.012	89	22212	10.0	8.38	
51 Chloroform	83	3.951	3.951	0.001	88	8634	1.00	1.03	
53 Cyclohexane	84	4.076	4.076	0.000	92	7360	1.00	0.8639	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	98	7083	1.00	0.9555	
\$ 56 Dibromofluoromethane (Surr)	113	4.111	4.099	0.012	95	135503	50.0	48.9	
57 Carbon tetrachloride	117	4.202	4.202	0.000	95	5868	1.00	0.9677	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	96	6343	1.00	0.8778	
61 Isobutyl alcohol	43	4.374	4.351	0.023	32	5809	25.0	18.6	a
64 Isooctane	57	4.396	4.396	0.000	99	15033	1.00	1.02	
59 Benzene	78	4.431	4.431	0.000	93	20025	1.00	0.9653	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.454	4.453	0.001	95	135956	50.0	46.9	
66 Isopropyl acetate	61	4.454	4.476	-0.022	33	4599	1.00	1.00	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	85	13642	1.00	0.9000	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	88	5731	1.00	1.02	
65 n-Heptane	100	4.591	4.579	0.012	89	1213	1.00	0.8832	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	435131	50.0	50.0	
70 n-Butanol	56	5.117	5.036	0.081	25	1348	25.0	11.1	M
69 Trichloroethene	95	5.082	5.082	0.000	91	4585	1.00	0.9201	
72 Methylcyclohexane	83	5.208	5.208	0.000	88	8666	1.00	0.9589	
71 Ethyl acrylate	99	5.208	5.208	0.000	92	784	1.00	0.8773	Ma
73 1,2-Dichloropropane	63	5.391	5.379	0.012	92	4609	1.00	0.9170	
* 68 1,4-Dioxane-d8	96	5.448	5.459	-0.011	87	25769	1000.0	1000.0	
74 Methyl methacrylate	100	5.459	5.459	0.000	85	3011	2.00	1.85	
78 1,4-Dioxane	88	5.517	5.505	0.012	34	2343	50.0	37.9	
77 n-Propyl acetate	43	5.517	5.516	0.001	95	6890	1.00	0.8983	
75 Dibromomethane	93	5.528	5.528	0.000	60	2705	1.00	0.9454	
76 Dichlorobromomethane	83	5.688	5.688	0.000	96	5795	1.00	0.9693	
34 2-Nitropropane	41	6.054	6.031	0.023	96	3028	2.00	2.15	
79 2-Chloroethyl vinyl ether	63	6.054	6.042	0.012	65	2821	1.00	0.8609	
80 Epichlorohydrin	57	6.168	6.156	0.012	97	9600	20.0	18.5	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	89	7606	1.00	0.9329	
84 4-Methyl-2-pentanone (MIBK)	43	6.397	6.396	0.001	94	21250	5.00	4.73	
\$ 82 Toluene-d8 (Surr)	98	6.488	6.488	0.000	98	650849	50.0	49.9	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	92	20226	1.00	0.9251	
85 trans-1,3-Dichloropropene	75	6.968	6.968	0.000	95	6394	1.00	0.8769	
86 Ethyl methacrylate	69	7.002	7.002	0.000	80	5945	1.00	0.8845	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	88	3365	1.00	0.9084	
88 Tetrachloroethene	166	7.254	7.254	0.000	93	4007	1.00	0.9133	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	91	7130	1.00	0.9332	
91 2-Hexanone	43	7.528	7.517	0.011	92	14499	5.00	4.75	
92 n-Butyl acetate	43	7.665	7.654	0.011	94	8481	1.00	1.09	
90 Chlorodibromomethane	129	7.700	7.699	0.001	80	3309	1.00	0.8217	
93 Ethylene Dibromide	107	7.860	7.859	0.001	95	3939	1.00	0.9039	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	85	345443	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	94	12328	1.00	0.9500	
97 Ethylbenzene	106	8.511	8.500	0.011	98	6653	1.00	0.9193	
96 1,1,1,2-Tetrachloroethane	131	8.523	8.522	0.001	97	3654	1.00	0.8665	
98 m-Xylene & p-Xylene	106	8.648	8.637	0.011	95	8322	1.00	0.9556	
99 n-Butyl acrylate	73	9.060	9.060	0.000	65	3664	1.00	0.8772	
100 o-Xylene	106	9.060	9.060	0.000	93	7799	1.00	0.9422	
101 Styrene	104	9.094	9.094	0.000	94	12525	1.00	0.8865	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	92	7155	1.00	0.8619	
103 Bromoform	173	9.311	9.311	0.000	71	1954	1.00	0.7572	
104 Isopropylbenzene	105	9.414	9.414	0.000	94	20207	1.00	0.9427	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	153151	50.0	51.9	
107 Bromobenzene	156	9.746	9.745	0.001	96	3904	1.00	0.8306	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	91	5699	1.00	0.8486	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	23436	1.00	0.8947	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	93	1877	1.00	1.01	
112 trans-1,4-Dichloro-2-butene	53	9.860	9.848	0.012	77	1503	1.00	0.8683	
114 2-Chlorotoluene	91	9.906	9.905	0.001	93	16715	1.00	0.9310	
113 4-Ethyltoluene	105	9.917	9.917	0.000	97	20141	1.00	0.9271	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	92	15970	1.00	0.8950	
110 4-Chlorotoluene	91	10.020	10.020	0.000	97	15344	1.00	0.9583	
117 Butyl Methacrylate	87	10.066	10.065	0.001	84	5023	1.00	0.8010	
118 tert-Butylbenzene	119	10.248	10.248	0.000	94	13903	1.00	0.9185	
119 1,2,4-Trimethylbenzene	105	10.306	10.305	0.001	97	15656	1.00	0.8797	
120 sec-Butylbenzene	105	10.431	10.431	0.000	99	19480	1.00	0.8966	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	97	17680	1.00	0.9342	
122 1,3-Dichlorobenzene	146	10.568	10.557	0.011	92	8514	1.00	0.8908	
* 106 1,4-Dichlorobenzene-d4	152	10.626	10.625	0.001	94	165957	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.648	10.648	0.000	92	8339	1.00	0.8778	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	96	16167	1.00	0.8889	
125 Benzyl chloride	91	10.763	10.763	0.000	100	10831	1.00	0.8605	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	95	16084	1.00	0.9018	
126 p-Diethylbenzene	119	10.866	10.865	0.001	92	8641	1.00	0.9002	
127 n-Butylbenzene	92	10.889	10.888	0.001	93	7354	1.00	0.8021	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	93	7404	1.00	0.8487	
130 1,2,4,5-Tetramethylbenzene	119	11.483	11.471	0.012	95	14677	1.00	0.9524	
129 1,2-Dibromo-3-Chloropropane	157	11.574	11.574	0.000	34	1540	1.00	1.15	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	97	4998	1.00	0.9003	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	95	4221	1.00	0.8449	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	87	1990	1.00	1.14	
134 Naphthalene	128	12.329	12.328	0.001	99	14358	1.00	0.8817	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	92	4124	1.00	0.8787	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.40	
S 137 Xylenes, Total	100				0		2.00	1.90	
S 138 1,3-Dichloropropene, Total	1				0		2.00	1.81	
S 139 Total BTEX	1				0		5.00	4.71	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

GASES Li_00423	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00138	Amount Added: 10.00	Units: uL	
524freon_00037	Amount Added: 10.00	Units: uL	
ACROLEIN W_00125	Amount Added: 4.00	Units: uL	
14DIOXINTER_00129	Amount Added: 30.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

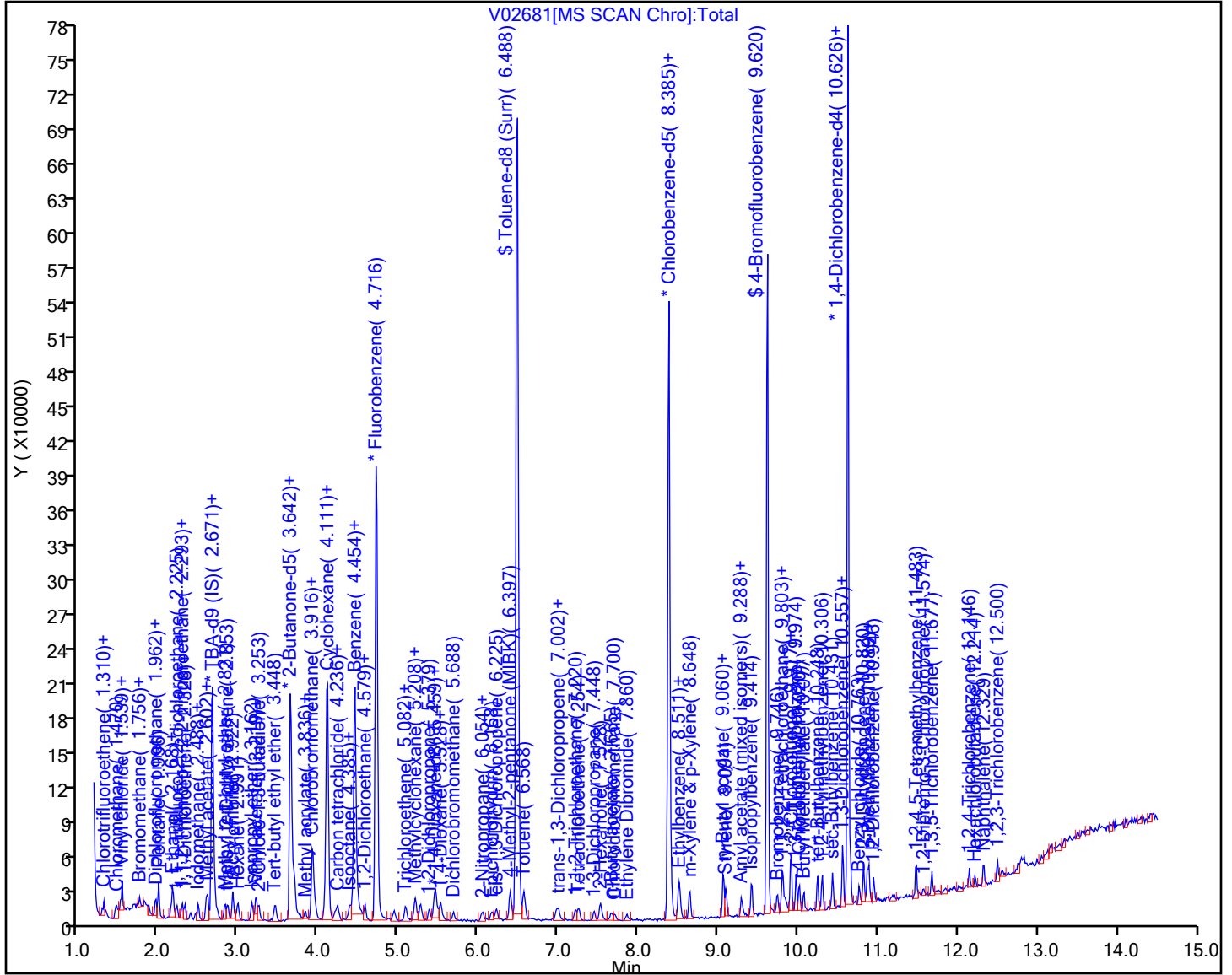
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

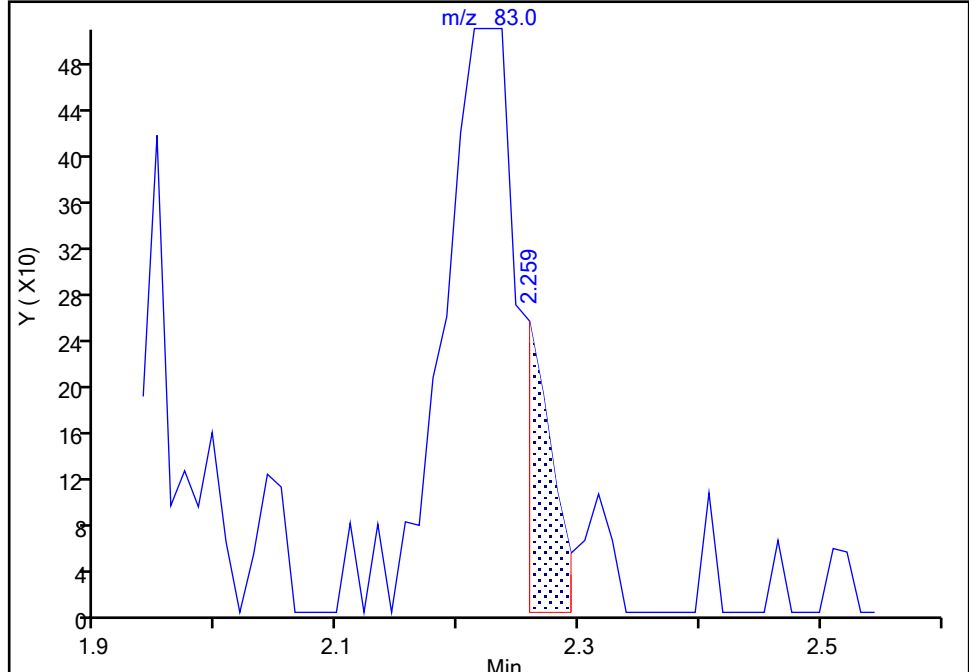
MS Quad

**19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

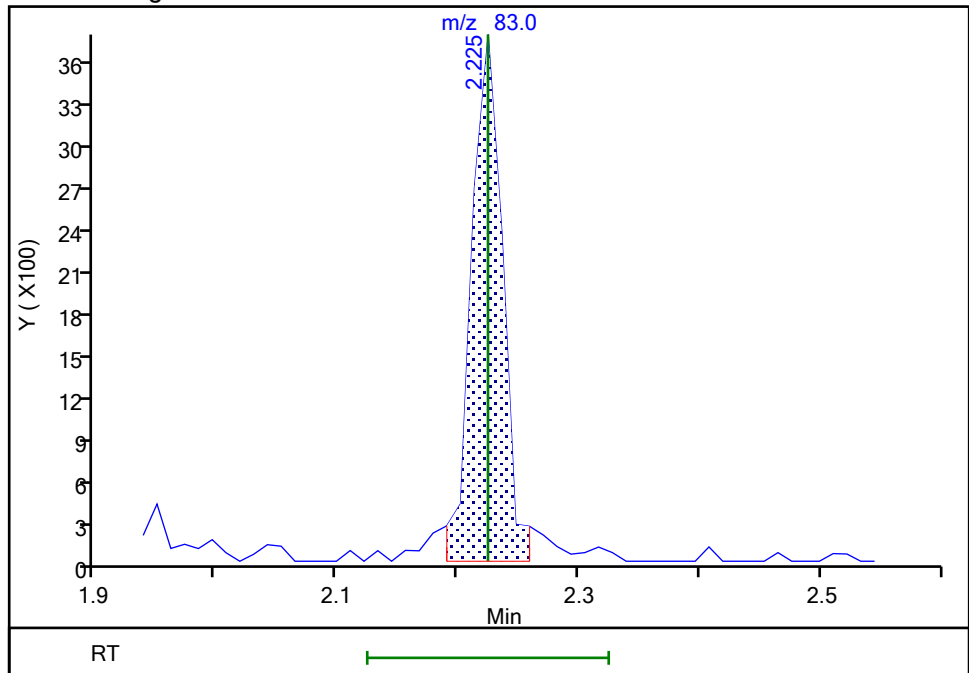
RT: 2.26  
Area: 408  
Amount: 0.053335  
Amount Units: ug/l

## Processing Integration Results



RT: 2.22  
Area: 6855  
Amount: 0.999573  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 18:45:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

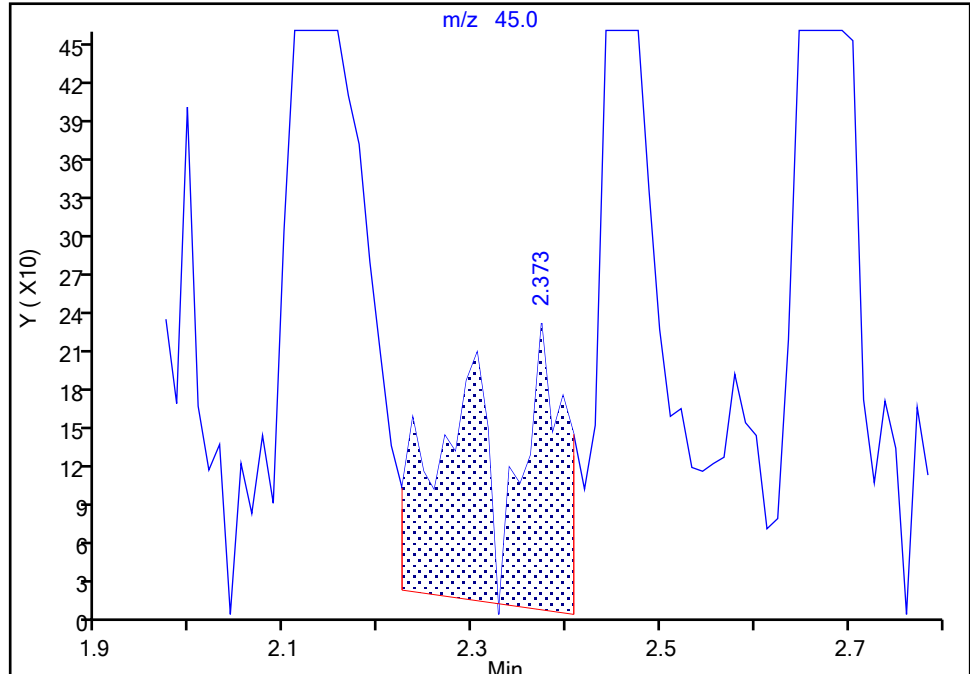
Detector: MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

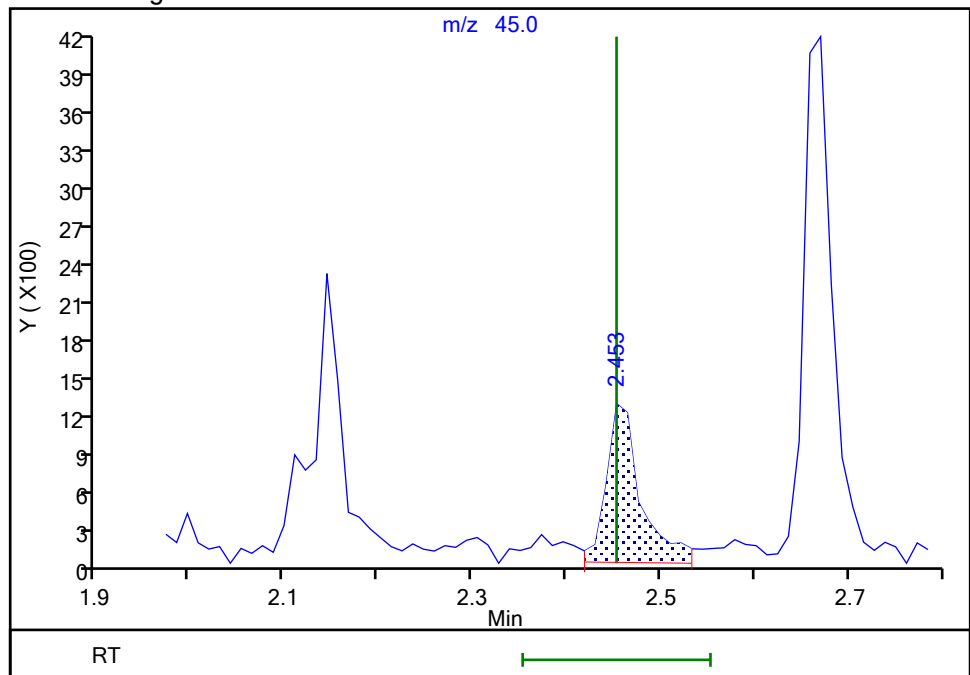
RT: 2.37  
Area: 1457  
Amount: 7.062019  
Amount Units: ug/l

## Processing Integration Results



RT: 2.45  
Area: 3264  
Amount: 11.210744  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 18:45:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

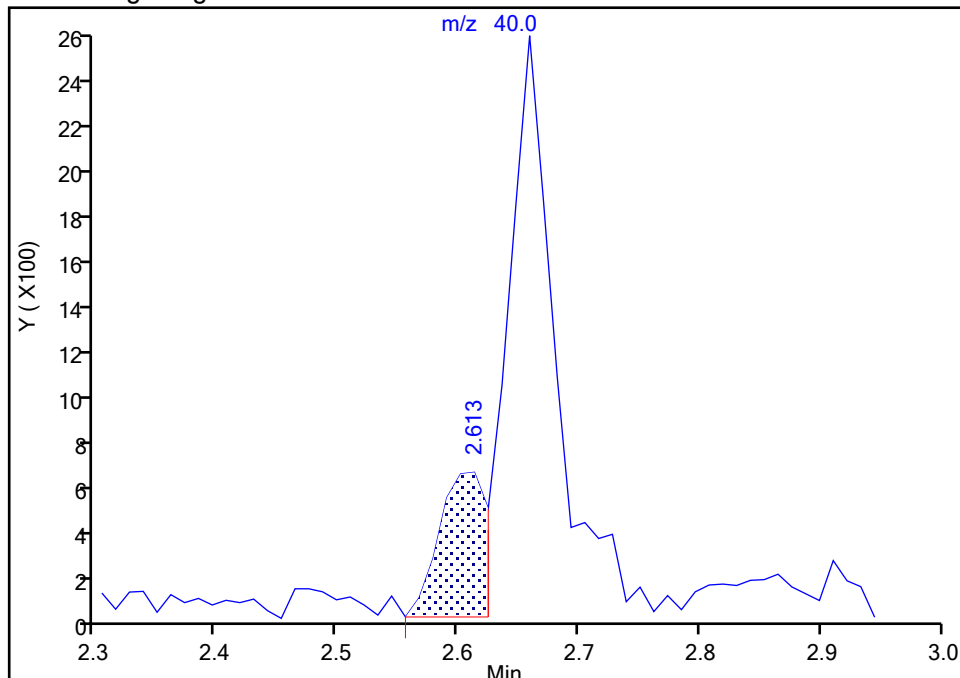
MS Quad

**27 Acetonitrile, CAS: 75-05-8**

Signal: 1

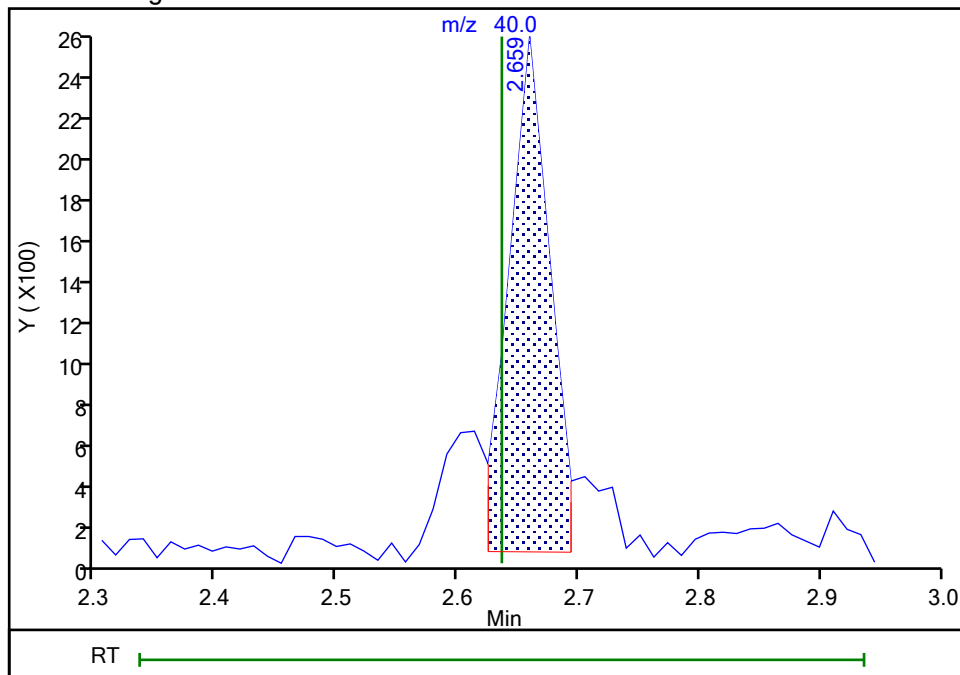
RT: 2.61  
Area: 1731  
Amount: 4.007685  
Amount Units: ug/l

## Processing Integration Results



RT: 2.66  
Area: 5844  
Amount: 13.075624  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 18:46:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

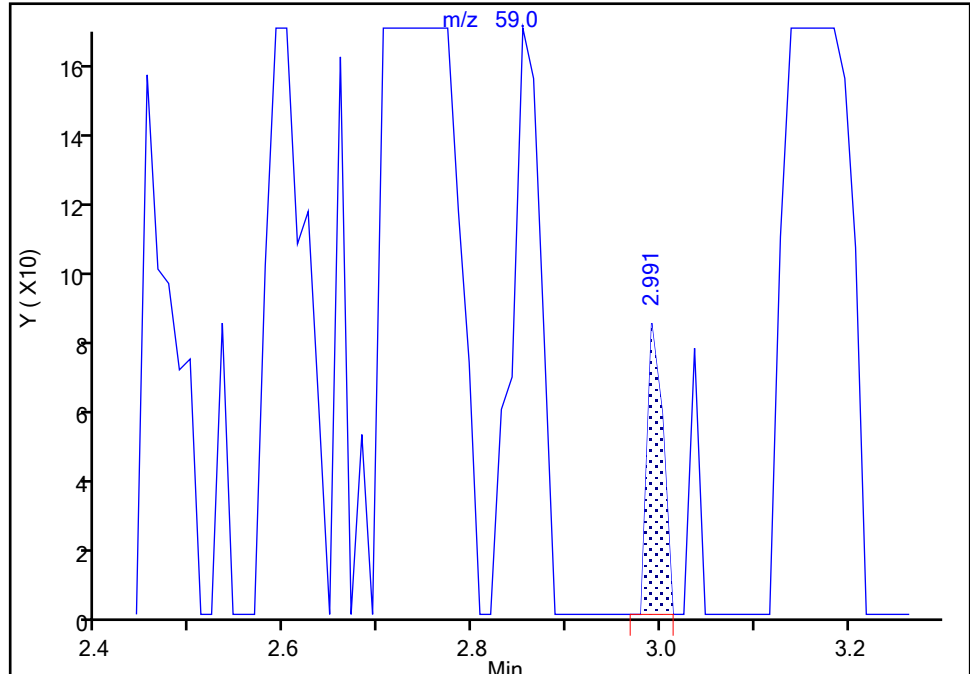
MS Quad

**31 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

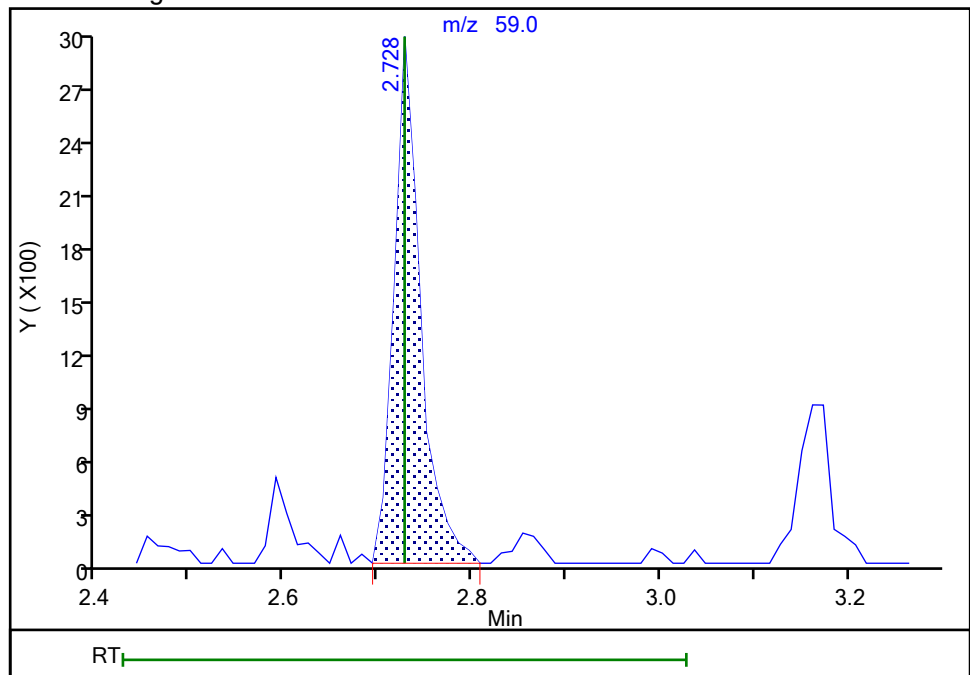
RT: 2.99  
Area: 94  
Amount: 0.175034  
Amount Units: ug/l

## Processing Integration Results



RT: 2.73  
Area: 5707  
Amount: 10.769387  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 18:46:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

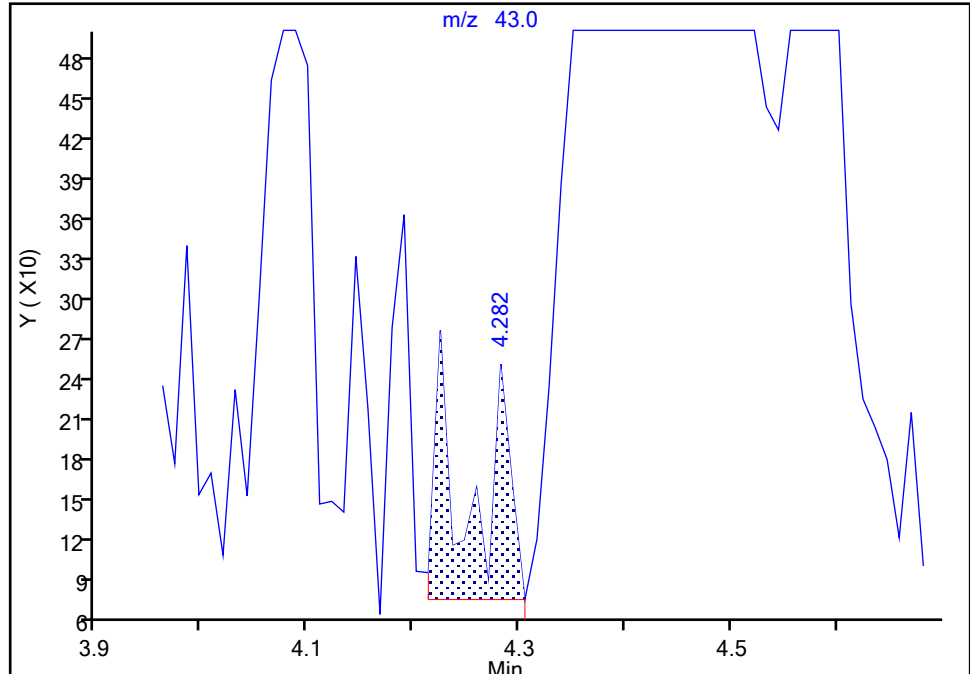
Detector: MS Quad

**61 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

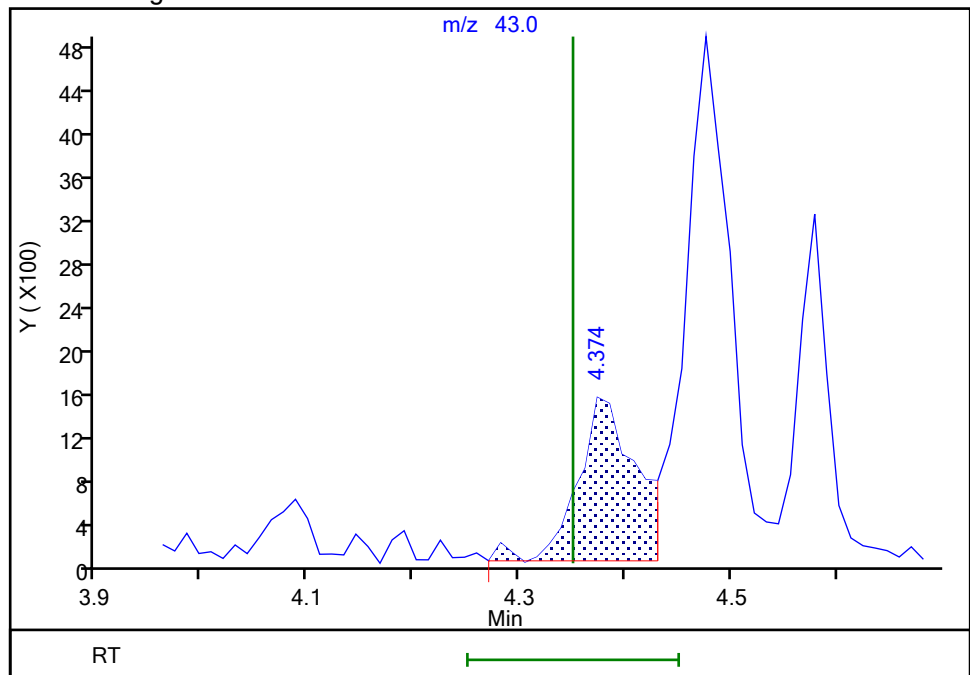
RT: 4.28  
Area: 449  
Amount: 1.141461  
Amount Units: ug/l

## Processing Integration Results



RT: 4.37  
Area: 5809  
Amount: 18.579815  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:20:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

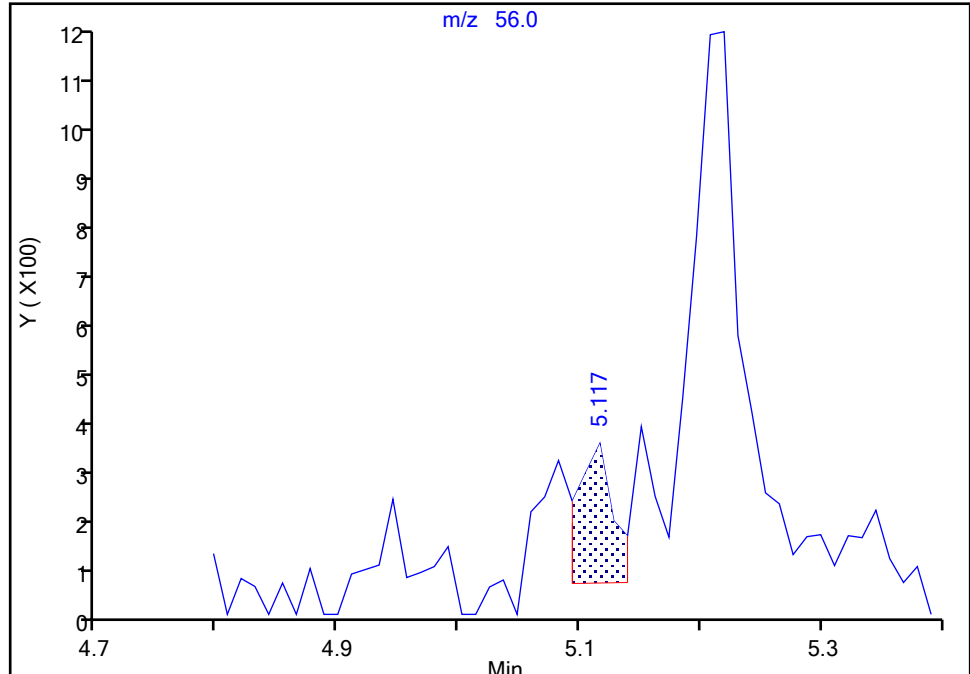
Detector: MS Quad

**70 n-Butanol, CAS: 71-36-3**

Signal: 1

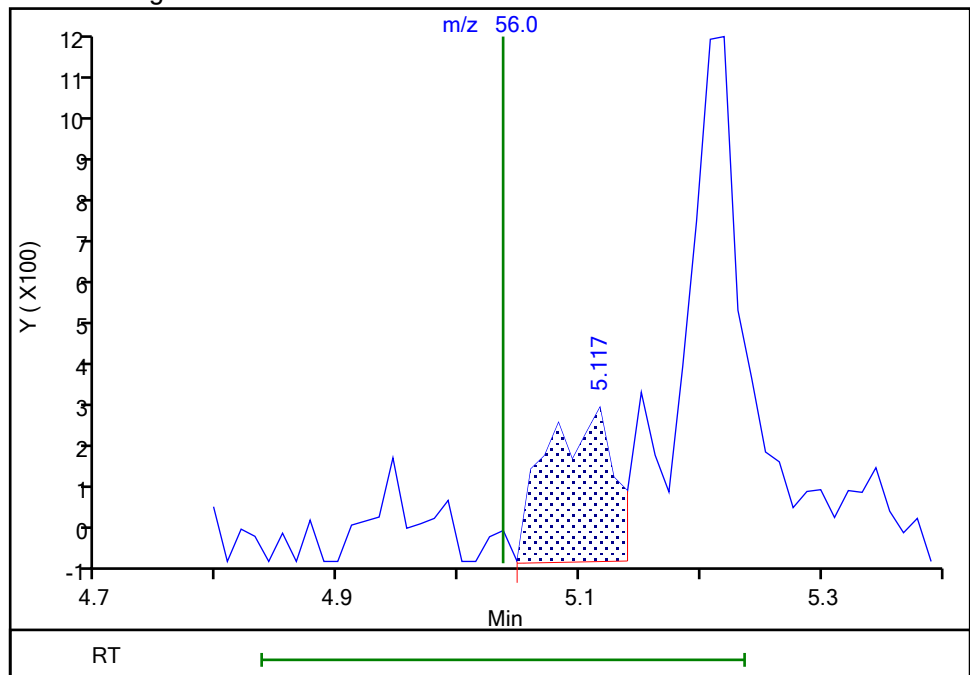
RT: 5.12  
Area: 608  
Amount: 5.005900  
Amount Units: ug/l

## Processing Integration Results



RT: 5.12  
Area: 1348  
Amount: 11.079241  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:20:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02681.D

Injection Date: 04-Jun-2021 13:10:30

Instrument ID: CVOAMS7

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

54

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

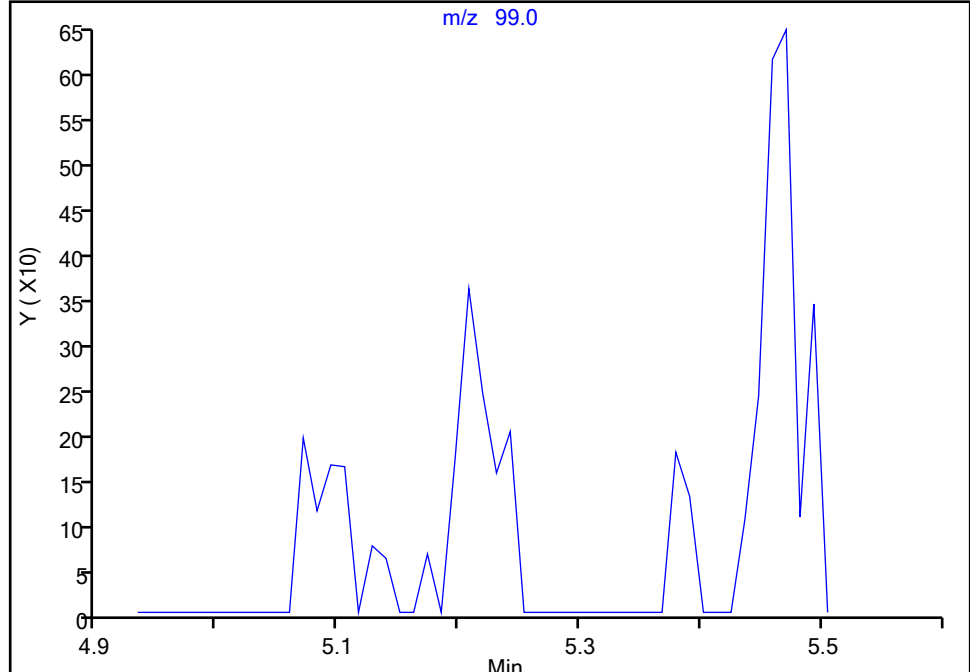
**71 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

Not Detected

Expected RT: 5.21

## Processing Integration Results



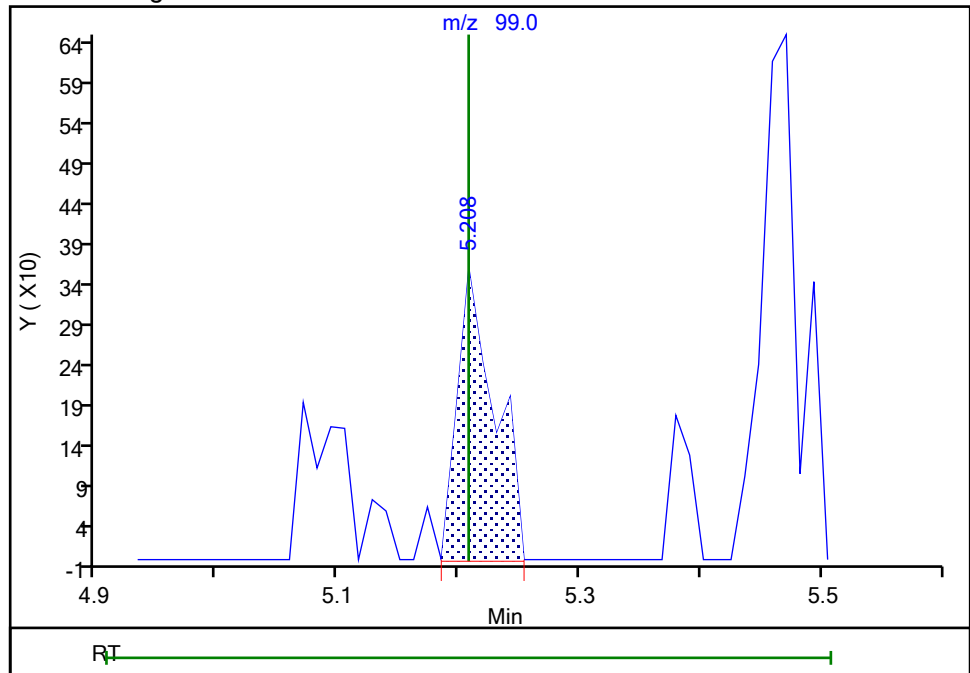
RT: 5.21

Area: 784

Amount: 0.877347

Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:21:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02682.D  
 Lims ID: STD5  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 04-Jun-2021 13:33:30 ALS Bottle#: 55 Worklist Smp#: 6  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD5  
 Misc. Info.: 460-0129741-006  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 19:58:19 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 14:07:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.287	1.287	0.000	84	11270	5.00	5.59	
4 1,1-Difluoroethane	65	1.299	1.299	0.000	90	12750	5.00	5.37	
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	98	35061	5.00	5.18	
2 Chlorodifluoromethane	67	1.333	1.333	0.000	99	4208	5.00	5.27	
6 Chloromethane	50	1.459	1.459	0.000	98	30446	5.00	5.22	
7 Vinyl chloride	62	1.516	1.516	0.000	97	32744	5.00	5.05	
8 Butadiene	54	1.539	1.539	0.000	95	31220	5.00	4.87	
9 Bromomethane	94	1.756	1.745	0.011	98	20980	5.00	5.98	
10 Chloroethane	64	1.813	1.813	0.000	98	18633	5.00	6.13	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	99	43013	5.00	5.35	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	98	35648	5.00	5.17	
13 Pentane	72	1.996	1.996	0.000	97	9245	10.0	9.62	
17 Ethanol	46	2.110	2.110	0.000	95	5051	200.0	226.9	
14 Ethyl ether	74	2.145	2.145	0.000	95	15464	5.00	5.23	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	96	20038	5.00	4.42	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	93	20671	5.00	5.50	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.225	0.000	97	32677	5.00	5.01	
18 1,1,2,2-Tetrafluoroethane	101	2.282	2.282	0.000	95	21161	5.00	4.76	
52 Acrolein	56	2.293	2.293	0.000	96	23388	20.3	22.6	
20 1,1-Dichloroethene	96	2.328	2.327	0.001	95	22060	5.00	5.04	
23 Acetone	43	2.385	2.385	0.000	89	33719	25.0	27.4	
21 Iodomethane	142	2.453	2.453	0.000	98	20241	5.00	4.59	
24 Isopropyl alcohol	45	2.453	2.453	0.000	73	13521	50.0	55.9	
22 Carbon disulfide	76	2.488	2.488	0.000	99	66111	5.00	4.87	
30 Methyl acetate	43	2.590	2.590	0.000	97	40139	10.0	9.77	
26 3-Chloro-1-propene	76	2.590	2.590	0.000	92	15320	5.00	5.14	
25 Cyclopentene	67	2.613	2.602	0.011	96	60858	5.00	4.81	
27 Acetonitrile	40	2.648	2.636	0.012	99	21852	50.0	54.1	
* 28 TBA-d9 (IS)	66	2.670	2.670	0.000	98	32177	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	90	23742	5.00	5.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.728	2.728	0.000	98	25984	50.0	59.0	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	97	67429	5.00	4.87	
33 trans-1,2-Dichloroethene	96	2.865	2.853	0.012	93	24030	5.00	4.78	
35 Acrylonitrile	53	2.922	2.910	0.012	95	114245	50.0	52.9	
36 Hexane	57	2.991	2.990	0.000	91	33599	5.00	4.74	
37 Isopropyl ether	45	3.162	3.162	0.000	98	69409	5.00	4.86	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	99	43243	5.00	5.02	
40 Vinyl acetate	86	3.208	3.208	0.000	99	13291	10.0	12.1	
39 2-Chloro-1,3-butadiene	88	3.253	3.253	0.000	88	22681	5.00	4.97	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	90	66723	5.00	4.82	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	99	197756	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	94	8192	5.00	4.73	
47 Ethyl acetate	70	3.699	3.688	0.011	95	6685	10.0	10.5	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	98	27105	5.00	4.83	
44 2-Butanone (MEK)	72	3.699	3.688	0.011	97	18021	25.0	28.4	
46 Methyl acrylate	55	3.756	3.745	0.011	99	23472	5.00	4.82	
48 Propionitrile	54	3.825	3.825	0.000	99	43841	50.0	63.2	
50 Tetrahydrofuran	72	3.905	3.905	0.000	86	8461	10.0	12.0	
49 Chlorobromomethane	128	3.905	3.905	0.000	88	12297	5.00	5.39	
54 Methacrylonitrile	67	3.916	3.916	0.000	90	125475	50.0	49.7	
51 Chloroform	83	3.951	3.951	0.001	99	37888	5.00	4.76	
53 Cyclohexane	84	4.076	4.076	0.000	89	39232	5.00	4.84	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	96	33106	5.00	4.69	
\$ 56 Dibromofluoromethane (Surr)	113	4.111	4.099	0.012	97	127032	50.0	48.2	
57 Carbon tetrachloride	117	4.213	4.202	0.011	95	26475	5.00	4.59	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	99	33609	5.00	4.89	
61 Isobutyl alcohol	43	4.362	4.351	0.011	93	34512	125.0	132.8	
64 Isooctane	57	4.396	4.396	0.000	98	65741	5.00	4.70	
59 Benzene	78	4.431	4.431	0.000	95	99226	5.00	5.09	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.454	4.453	0.001	94	121864	50.0	44.2	
66 Isopropyl acetate	61	4.476	4.476	0.000	96	13636	5.00	5.01	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	93	69046	5.00	4.79	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	96	25598	5.00	4.81	
65 n-Heptane	100	4.579	4.579	0.000	93	6620	5.00	5.07	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	413998	50.0	50.0	
70 n-Butanol	56	5.059	5.036	0.023	84	9942	125.0	98.4	M
69 Trichloroethene	95	5.094	5.082	0.012	96	23590	5.00	4.98	
72 Methylcyclohexane	83	5.208	5.208	0.000	81	39576	5.00	4.60	
71 Ethyl acrylate	99	5.208	5.208	0.000	95	4419	5.00	5.20	
73 1,2-Dichloropropane	63	5.379	5.379	0.000	94	24880	5.00	5.20	
* 68 1,4-Dioxane-d8	96	5.448	5.459	-0.011	85	24138	1000.0	1000.0	
74 Methyl methacrylate	100	5.459	5.459	0.000	88	15195	10.0	9.82	
78 1,4-Dioxane	88	5.505	5.505	0.000	34	6032	100.0	104.0	
77 n-Propyl acetate	43	5.516	5.516	0.000	97	34686	5.00	4.75	
75 Dibromomethane	93	5.528	5.528	0.000	55	13325	5.00	4.89	
76 Dichlorobromomethane	83	5.688	5.688	0.000	98	27766	5.00	4.88	
34 2-Nitropropane	41	6.031	6.031	0.000	86	12447	10.0	9.29	
79 2-Chloroethyl vinyl ether	63	6.054	6.042	0.012	80	15111	5.01	4.85	
80 Epichlorohydrin	57	6.168	6.156	0.012	98	52735	100.0	112.5	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	89	37251	5.00	4.86	
84 4-Methyl-2-pentanone (MIBK)	43	6.397	6.396	0.001	95	114412	25.0	28.2	
\$ 82 Toluene-d8 (Surr)	98	6.488	6.488	0.000	98	610558	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	94	99544	5.00	4.85	
85 trans-1,3-Dichloropropene	75	6.979	6.968	0.011	96	33611	5.00	4.91	
86 Ethyl methacrylate	69	7.002	7.002	0.000	87	29775	5.00	4.71	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	96	17702	5.00	5.09	
88 Tetrachloroethene	166	7.254	7.254	0.000	97	20518	5.00	4.98	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	89	36654	5.00	5.11	
91 2-Hexanone	43	7.517	7.517	0.000	93	78025	25.0	28.3	
92 n-Butyl acetate	43	7.654	7.654	0.000	96	35898	5.00	4.93	
90 Chlorodibromomethane	129	7.700	7.699	0.001	98	18952	5.00	5.01	
93 Ethylene Dibromide	107	7.860	7.859	0.001	99	20152	5.00	4.92	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	85	324626	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	95	59914	5.00	4.91	
97 Ethylbenzene	106	8.511	8.500	0.011	98	34135	5.00	5.02	
96 1,1,1,2-Tetrachloroethane	131	8.522	8.522	0.000	96	19642	5.00	4.96	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	96	41863	5.00	5.12	
99 n-Butyl acrylate	73	9.060	9.060	0.000	95	19105	5.00	4.87	
100 o-Xylene	106	9.071	9.060	0.011	94	38851	5.00	4.99	
101 Styrene	104	9.094	9.094	0.000	97	65988	5.00	4.97	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	92	38519	5.00	4.98	
103 Bromoform	173	9.311	9.311	0.000	93	12051	5.00	4.97	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	101137	5.00	5.02	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	140092	50.0	50.5	
107 Bromobenzene	156	9.745	9.745	0.000	98	22063	5.00	5.04	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	98	28799	5.00	4.61	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	123649	5.00	5.07	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	96	8450	5.00	4.86	
112 trans-1,4-Dichloro-2-butene	53	9.860	9.848	0.012	95	7930	5.00	4.92	
114 2-Chlorotoluene	91	9.905	9.905	0.000	95	80359	5.00	4.81	
113 4-Ethyltoluene	105	9.917	9.917	0.000	98	100462	5.00	4.97	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	94	82911	5.00	4.99	
110 4-Chlorotoluene	91	10.020	10.020	0.000	97	75532	5.00	5.07	
117 Butyl Methacrylate	87	10.077	10.065	0.012	88	27954	5.00	4.79	
118 tert-Butylbenzene	119	10.248	10.248	0.000	95	70677	5.00	5.02	
119 1,2,4-Trimethylbenzene	105	10.306	10.305	0.001	97	83137	5.00	5.02	
120 sec-Butylbenzene	105	10.431	10.431	0.000	99	100898	5.00	4.99	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	99	84178	5.00	4.78	
122 1,3-Dichlorobenzene	146	10.568	10.557	0.011	96	43495	5.00	4.89	
* 106 1,4-Dichlorobenzene-d4	152	10.626	10.625	0.001	94	154518	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.648	10.648	0.000	95	43493	5.00	4.92	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	99	83430	5.00	4.93	
125 Benzyl chloride	91	10.763	10.763	0.000	98	58310	5.00	4.98	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	95	82858	5.00	4.99	
126 p-Diethylbenzene	119	10.866	10.865	0.001	94	44785	5.00	5.01	
127 n-Butylbenzene	92	10.888	10.888	0.000	98	39910	5.00	4.68	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	95	39985	5.00	4.92	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	65513	5.00	4.57	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.574	-0.011	96	5799	5.00	4.67	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	96	24532	5.00	4.75	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	95	21396	5.00	4.60	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	89	7341	5.00	4.51	
134 Naphthalene	128	12.329	12.328	0.001	99	67712	5.00	4.47	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	95	19928	5.00	4.56	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.61	
S 137 Xylenes, Total	100				0		10.0	10.1	
S 138 1,3-Dichloropropene, Total	1				0		10.0	9.77	
S 139 Total BTEX	1				0		25.0	25.1	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

### Reagents:

GASES Li_00423	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00138	Amount Added: 10.00	Units: uL	
524freon_00037	Amount Added: 10.00	Units: uL	
ACROLEIN W_00125	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02682.D

Injection Date: 04-Jun-2021 13:33:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#: 55

Worklist Smp#: 6

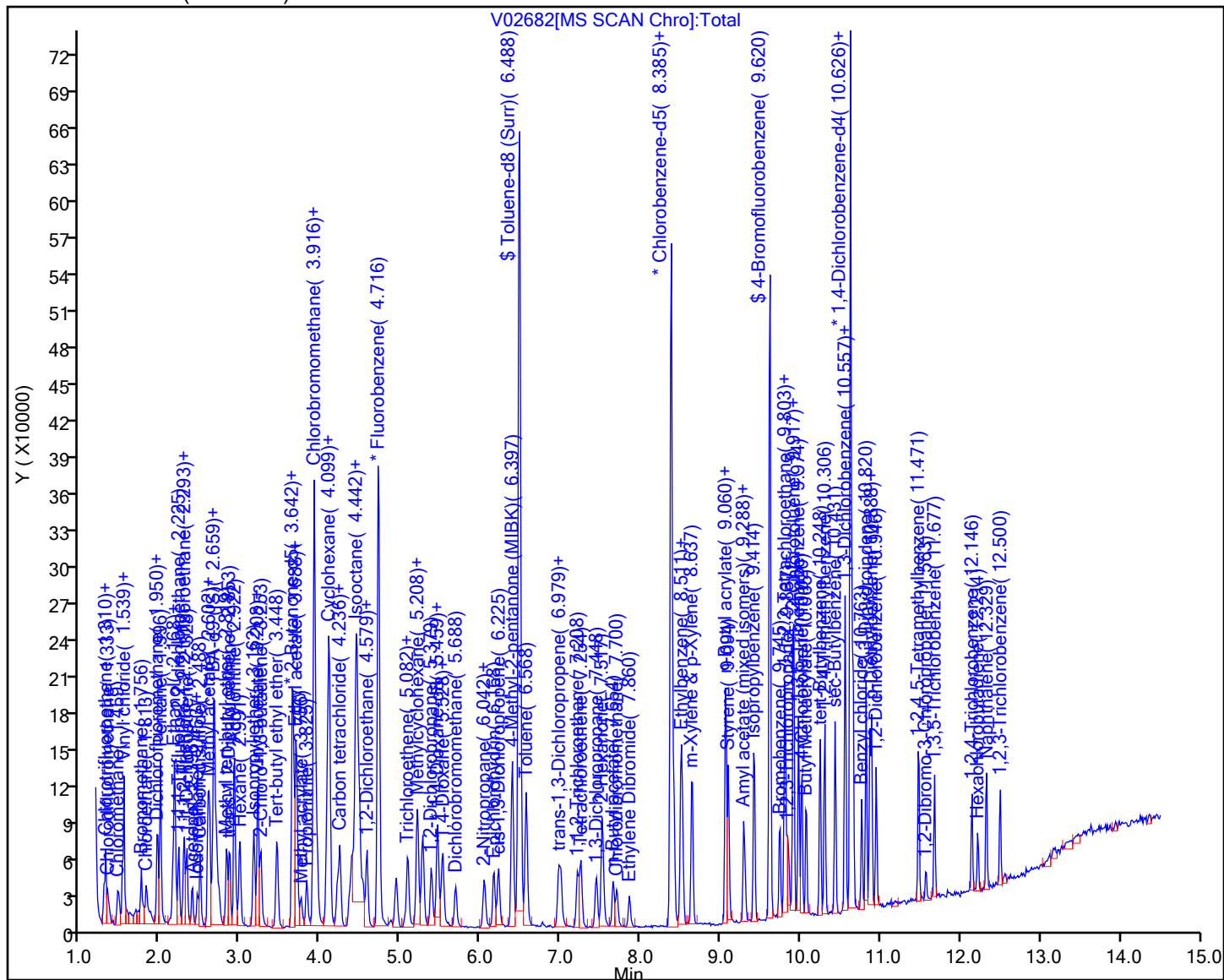
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02682.D

Injection Date: 04-Jun-2021 13:33:30

Instrument ID: CVOAMS7

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

55

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

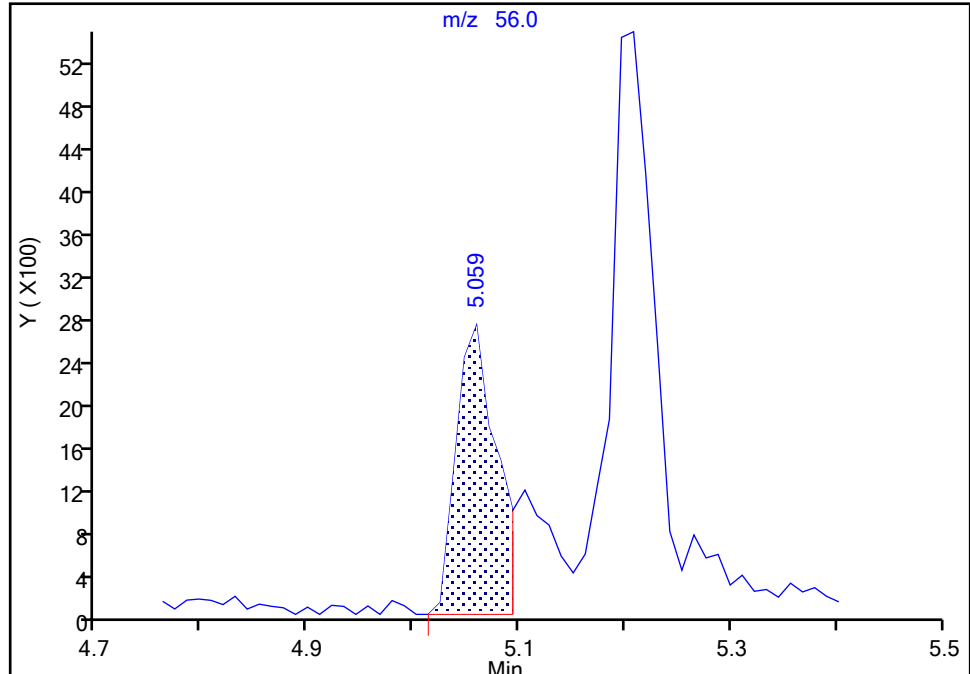
Detector: MS Quad

**70 n-Butanol, CAS: 71-36-3**

Signal: 1

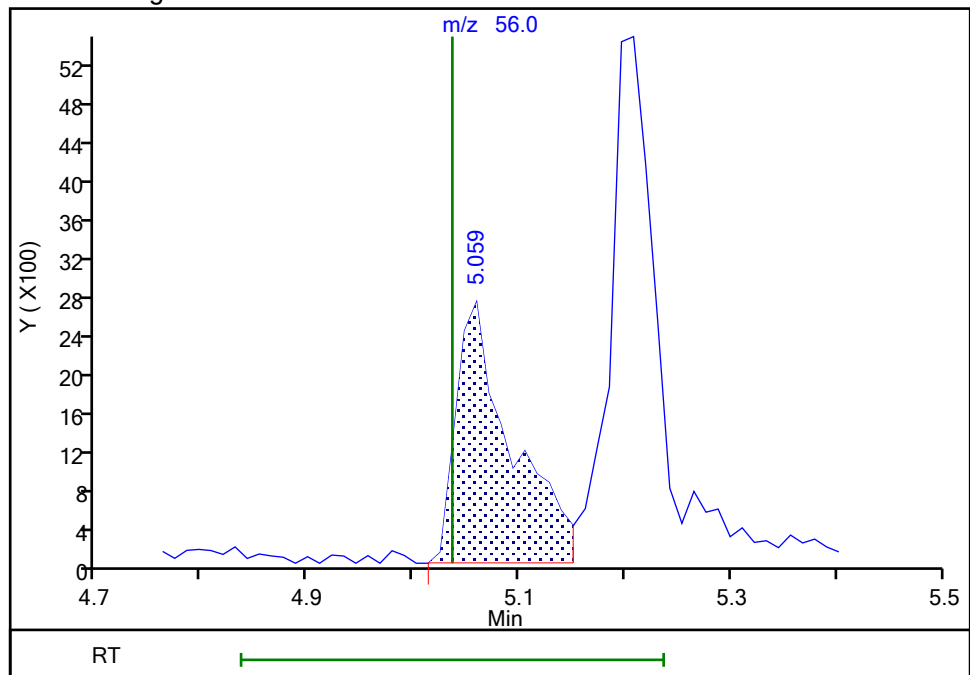
RT: 5.06  
Area: 7319  
Amount: 72.413237  
Amount Units: ug/l

## Processing Integration Results



RT: 5.06  
Area: 9942  
Amount: 98.356803  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:41:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02683.D  
 Lims ID: STD20  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 04-Jun-2021 13:56:30 ALS Bottle#: 56 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD20  
 Misc. Info.: 460-0129741-007  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 19:58:25 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 14:17:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.287	1.287	0.000	87	35834	20.0	17.3	
4 1,1-Difluoroethane	65	1.299	1.299	0.000	84	44118	20.0	18.1	
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	98	131399	20.0	18.9	
2 Chlorodifluoromethane	67	1.333	1.333	0.000	99	14689	20.0	17.9	
6 Chloromethane	50	1.459	1.459	0.000	99	117973	20.0	19.7	
7 Vinyl chloride	62	1.516	1.516	0.000	98	128104	20.0	19.3	
8 Butadiene	54	1.539	1.539	0.000	95	122156	20.0	18.6	
9 Bromomethane	94	1.745	1.745	0.000	99	79907	20.0	19.6	
10 Chloroethane	64	1.813	1.813	0.000	98	71314	20.0	20.2	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	98	152845	20.0	18.5	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	97	137852	20.0	19.5	
13 Pentane	72	1.996	1.996	0.000	96	37574	40.0	38.1	
17 Ethanol	46	2.110	2.110	0.000	97	20112	800.0	780.3	
14 Ethyl ether	74	2.145	2.145	0.000	95	57980	20.0	19.1	
15 2-Methyl-1,3-butadiene	53	2.167	2.167	0.000	89	83404	20.0	17.9	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	87	73406	20.0	19.1	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.225	0.000	98	127776	20.0	19.1	
18 1,1,2,2-TCTFE	101	2.282	2.282	0.000	96	83033	20.0	18.2	
52 Acrolein	56	2.293	2.293	0.000	94	48923	40.6	40.8	
20 1,1-Dichloroethene	96	2.327	2.327	0.000	96	82917	20.0	18.5	
23 Acetone	43	2.385	2.385	0.000	88	138264	100.0	96.6	
21 Iodomethane	142	2.453	2.453	0.000	98	84372	20.0	18.7	
24 Isopropyl alcohol	45	2.453	2.453	0.000	71	54601	200.0	194.8	
22 Carbon disulfide	76	2.488	2.488	0.000	99	270772	20.0	19.4	
30 Methyl acetate	43	2.590	2.590	0.000	97	167112	40.0	39.6	
26 3-Chloro-1-propene	76	2.590	2.590	0.000	91	58059	20.0	19.0	
25 Cyclopentene	67	2.602	2.602	0.000	93	244620	20.0	18.9	
27 Acetonitrile	40	2.636	2.636	0.000	99	81504	200.0	173.3	M
* 28 TBA-d9 (IS)	66	2.670	2.670	0.000	99	37252	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	91	90829	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.728	2.728	0.000	99	102116	200.0	200.2	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	97	280197	20.0	19.7	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	93	93845	20.0	18.2	
35 Acrylonitrile	53	2.910	2.910	0.000	93	463530	200.0	209.3	
36 Hexane	57	2.990	2.990	0.000	90	143120	20.0	19.7	
37 Isopropyl ether	45	3.162	3.162	0.000	96	284913	20.0	19.5	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	60	169795	20.0	19.2	
40 Vinyl acetate	86	3.208	3.208	0.000	100	49357	40.0	38.6	
39 2-Chloro-1,3-butadiene	88	3.253	3.253	0.000	87	89334	20.0	19.1	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	89	278700	20.0	19.6	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	99	230085	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	95	33033	20.0	18.6	
47 Ethyl acetate	70	3.688	3.688	0.000	94	26616	40.0	36.1	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	97	98416	20.0	17.1	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	96	71502	100.0	96.7	
46 Methyl acrylate	55	3.745	3.745	0.000	100	100121	20.0	20.0	
48 Propionitrile	54	3.825	3.825	0.000	99	169901	200.0	211.6	
50 Tetrahydrofuran	72	3.905	3.905	0.000	86	33563	40.0	40.8	
49 Chlorobromomethane	128	3.905	3.905	0.000	87	43984	20.0	18.8	
54 Methacrylonitrile	67	3.916	3.916	0.000	92	510348	200.0	197.3	
51 Chloroform	83	3.951	3.951	0.000	98	150727	20.0	18.5	
53 Cyclohexane	84	4.076	4.076	0.000	90	158785	20.0	19.1	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	97	137344	20.0	19.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	135995	50.0	50.3	
57 Carbon tetrachloride	117	4.202	4.202	0.000	96	108646	20.0	18.4	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	100	132070	20.0	18.7	
61 Isobutyl alcohol	43	4.351	4.351	0.000	95	151849	500.0	504.6	
64 Isooctane	57	4.396	4.396	0.000	99	275186	20.0	19.2	
59 Benzene	78	4.431	4.431	0.000	97	392549	20.0	19.4	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.453	4.453	0.000	95	134973	50.0	47.7	
66 Isopropyl acetate	61	4.476	4.476	0.000	97	51210	20.0	20.5	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	96	289808	20.0	19.6	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	96	104069	20.0	19.1	
65 n-Heptane	100	4.579	4.579	0.000	90	26984	20.0	20.1	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	424597	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	83	48404	500.0	414.8	M
69 Trichloroethene	95	5.082	5.082	0.000	96	88122	20.0	18.1	
72 Methylcyclohexane	83	5.208	5.208	0.000	80	171547	20.0	19.5	
71 Ethyl acrylate	99	5.208	5.208	0.000	95	17276	20.0	19.8	
73 1,2-Dichloropropane	63	5.379	5.379	0.000	95	94980	20.0	19.4	
* 68 1,4-Dioxane-d8	96	5.459	5.459	0.000	45	25391	1000.0	1000.0	
74 Methyl methacrylate	100	5.459	5.459	0.000	88	65296	40.0	41.2	
78 1,4-Dioxane	88	5.505	5.505	0.000	29	22354	400.0	366.5	
77 n-Propyl acetate	43	5.516	5.516	0.000	96	145871	20.0	19.5	
75 Dibromomethane	93	5.528	5.528	0.000	94	54287	20.0	19.4	
76 Dichlorobromomethane	83	5.688	5.688	0.000	98	109792	20.0	18.8	
34 2-Nitropropane	41	6.031	6.031	0.000	82	49356	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	6.042	6.042	0.000	86	65593	20.0	20.5	
80 Epichlorohydrin	57	6.156	6.156	0.000	98	223752	400.0	410.1	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	89	154257	20.0	19.4	
84 4-Methyl-2-pentanone (MIBK)	43	6.396	6.396	0.000	95	494351	100.0	104.7	
\$ 82 Toluene-d8 (Surr)	98	6.488	6.488	0.000	98	653819	50.0	51.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	92	410208	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.968	6.968	0.000	97	140707	20.0	19.8	
86 Ethyl methacrylate	69	7.002	7.002	0.000	87	128204	20.0	19.5	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	97	70610	20.0	19.5	
88 Tetrachloroethene	166	7.254	7.254	0.000	94	82729	20.0	19.3	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	90	148297	20.0	19.9	
91 2-Hexanone	43	7.517	7.517	0.000	94	333975	100.0	104.0	
92 n-Butyl acetate	43	7.654	7.654	0.000	97	146957	20.0	19.4	
90 Chlorodibromomethane	129	7.699	7.699	0.000	98	78921	20.0	20.1	
93 Ethylene Dibromide	107	7.859	7.859	0.000	98	84291	20.0	19.8	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	85	337368	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	96	243956	20.0	19.2	
97 Ethylbenzene	106	8.500	8.500	0.000	98	138085	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	8.522	8.522	0.000	94	79756	20.0	19.4	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	96	166174	20.0	19.5	
99 n-Butyl acrylate	73	9.060	9.060	0.000	99	79435	20.0	19.5	
100 o-Xylene	106	9.060	9.060	0.000	94	158085	20.0	19.6	
101 Styrene	104	9.094	9.094	0.000	97	271812	20.0	19.7	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	92	161872	20.0	20.1	
103 Bromoform	173	9.311	9.311	0.000	95	51073	20.0	20.3	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	423314	20.0	20.2	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	150398	50.0	52.1	
107 Bromobenzene	156	9.745	9.745	0.000	98	86637	20.0	19.0	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	124317	20.0	19.1	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	500395	20.0	19.7	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	97	35195	20.0	19.4	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	89	32187	20.0	19.1	
114 2-Chlorotoluene	91	9.905	9.905	0.000	96	328303	20.0	18.8	
113 4-Ethyltoluene	105	9.917	9.917	0.000	98	410112	20.0	19.4	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	93	339435	20.0	19.6	
110 4-Chlorotoluene	91	10.020	10.020	0.000	97	300207	20.0	19.3	
117 Butyl Methacrylate	87	10.065	10.065	0.000	88	119116	20.0	19.6	
118 tert-Butylbenzene	119	10.248	10.248	0.000	95	281465	20.0	19.1	
119 1,2,4-Trimethylbenzene	105	10.305	10.305	0.000	97	334972	20.0	19.4	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	417713	20.0	19.8	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	98	350431	20.0	19.1	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	96	171317	20.0	18.5	
* 106 1,4-Dichlorobenzene-d4	152	10.625	10.625	0.000	94	161221	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.648	10.648	0.000	95	173440	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	99	344054	20.0	19.5	
125 Benzyl chloride	91	10.763	10.763	0.000	99	241166	20.0	19.7	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	93	344959	20.0	19.9	
126 p-Diethylbenzene	119	10.865	10.865	0.000	94	175666	20.0	18.8	
127 n-Butylbenzene	92	10.888	10.888	0.000	97	172099	20.0	19.3	
128 1,2-Dichlorobenzene	146	10.945	10.945	0.000	96	165111	20.0	19.5	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	274695	20.0	18.3	
129 1,2-Dibromo-3-Chloropropane	157	11.574	11.574	0.000	96	25055	20.0	19.3	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	97	97077	20.0	18.0	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	94	86036	20.0	17.7	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	92	31502	20.0	18.6	
134 Naphthalene	128	12.328	12.328	0.000	99	290875	20.0	18.4	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	95	80235	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.3	
S 137 Xylenes, Total	100				0		40.0	39.1	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	97.2	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

### Reagents:

GASES Li_00423	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00138	Amount Added: 20.00	Units: uL	
524freon_00037	Amount Added: 20.00	Units: uL	
ACROLEIN W_00125	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02683.D

Injection Date: 04-Jun-2021 13:56:30

Instrument ID: CVOAMS7

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

56

Worklist Smp#:

7

Purge Vol: 5.000 mL

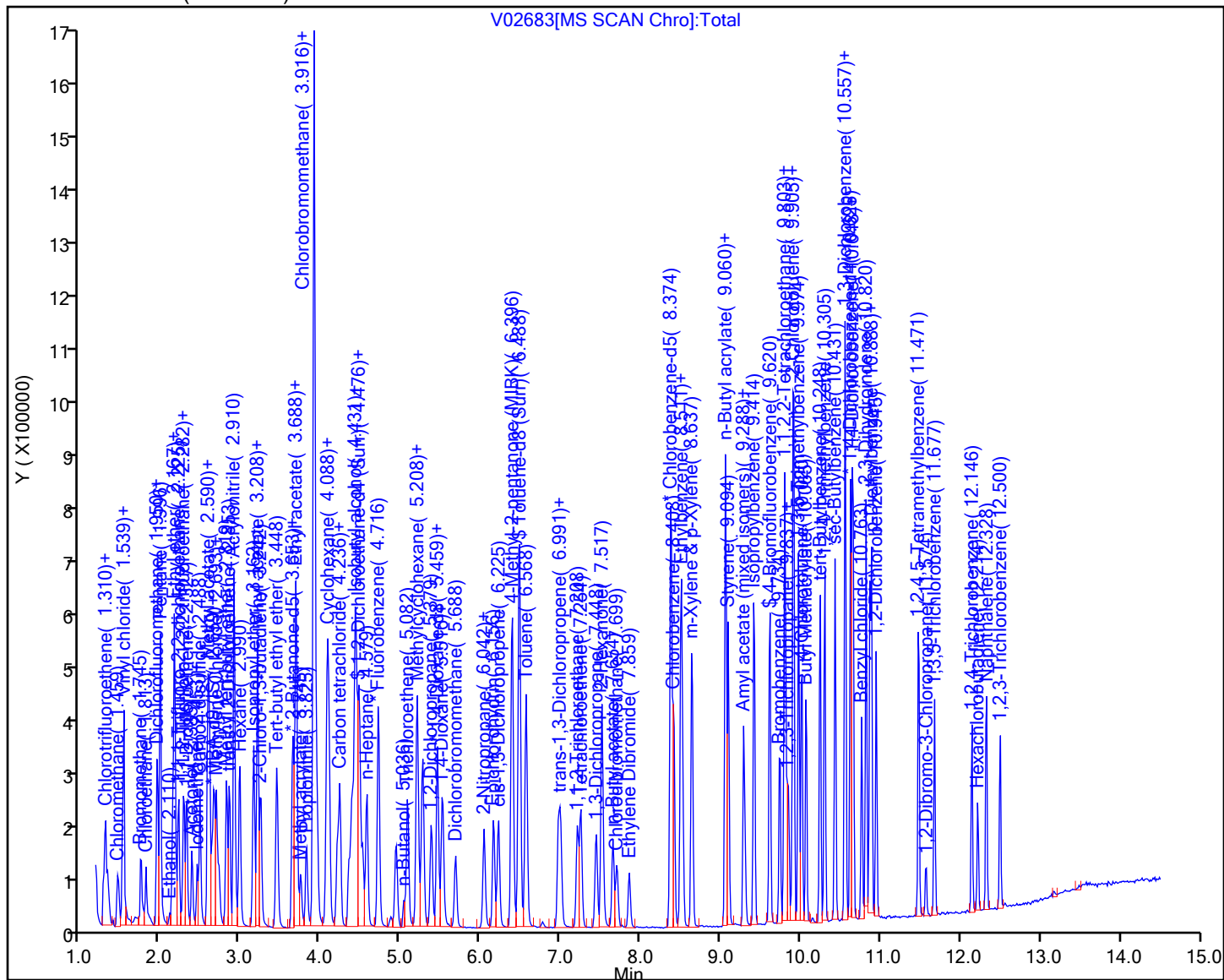
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02683.D

Injection Date: 04-Jun-2021 13:56:30

Instrument ID: CVOAMS7

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

56

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

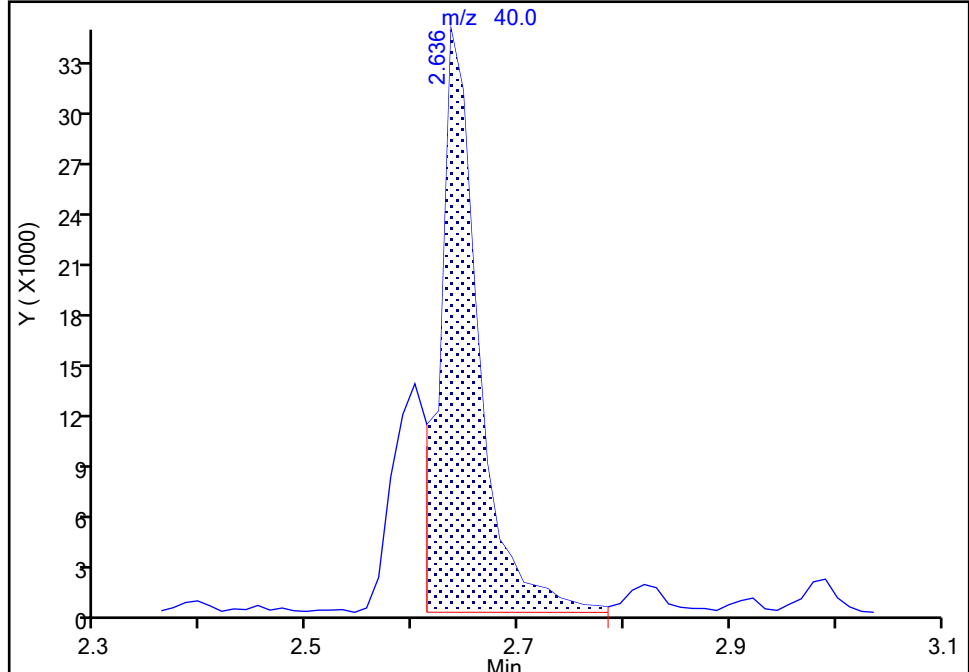
Detector: MS Quad

**27 Acetonitrile, CAS: 75-05-8**

Signal: 1

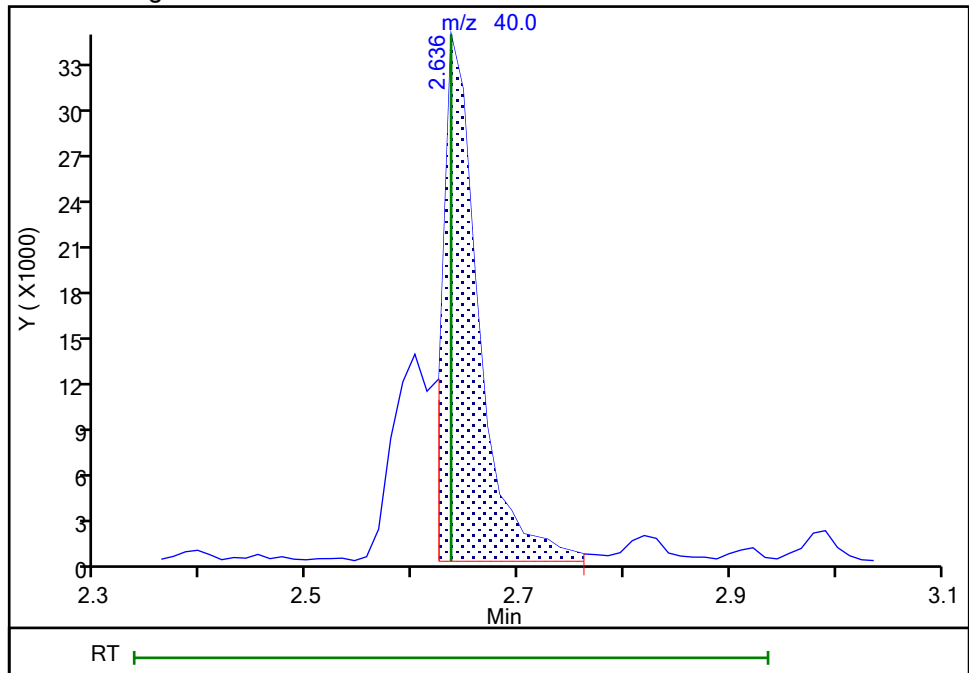
RT: 2.64  
Area: 89183  
Amount: 197.9947  
Amount Units: ug/l

## Processing Integration Results



RT: 2.64  
Area: 81504  
Amount: 173.3031  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:37:18

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02683.D

Injection Date: 04-Jun-2021 13:56:30

Instrument ID: CVOAMS7

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

56

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

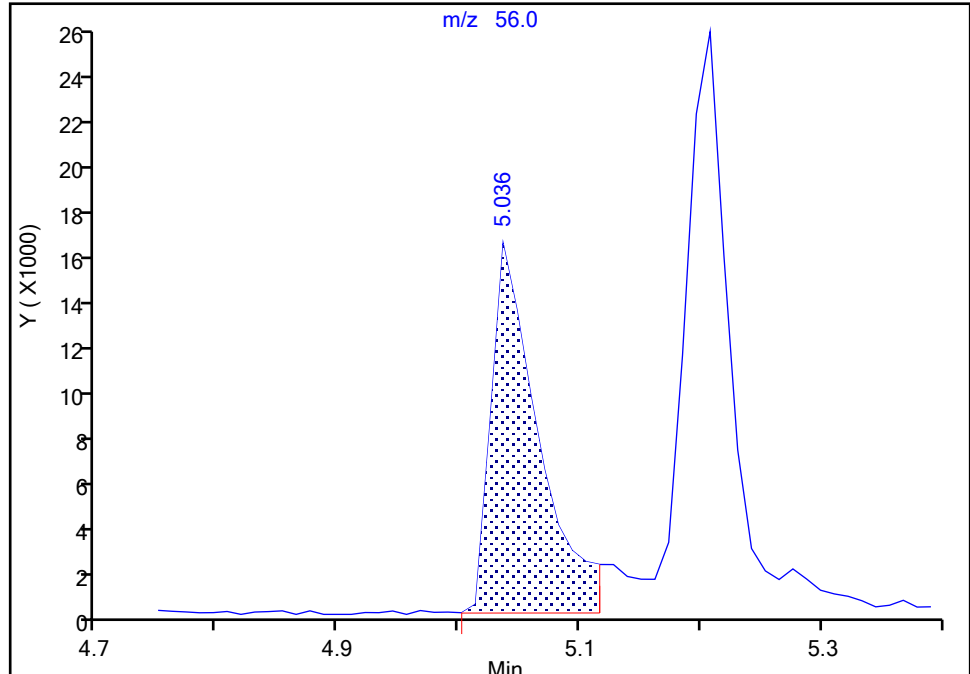
Detector: MS Quad

**70 n-Butanol, CAS: 71-36-3**

Signal: 1

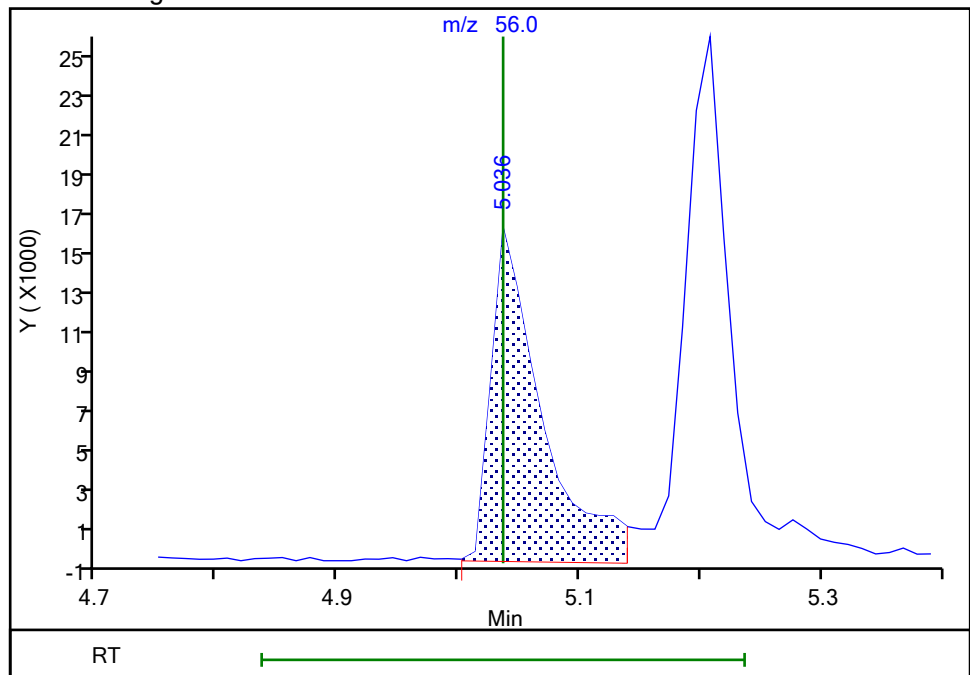
RT: 5.04  
Area: 44707  
Amount: 383.6620  
Amount Units: ug/l

## Processing Integration Results



RT: 5.04  
Area: 48404  
Amount: 414.7826  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:41:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02684.D  
 Lims ID: STD50  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 04-Jun-2021 14:18:30 ALS Bottle#: 57 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD50  
 Misc. Info.: 460-0129741-008  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 19:58:30 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 14:43:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.276	1.287	-0.011	93	107713	50.0	50.0	M
4 1,1-Difluoroethane	65	1.299	1.299	0.000	62	124190	50.0	48.9	
5 Dichlorodifluoromethane	85	1.299	1.310	-0.011	99	318185	50.0	44.0	
2 Chlorodifluoromethane	67	1.333	1.333	0.000	99	37028	50.0	43.4	
6 Chloromethane	50	1.459	1.459	0.000	99	300088	50.0	48.1	
7 Vinyl chloride	62	1.516	1.516	0.000	97	332349	50.0	48.0	
8 Butadiene	54	1.527	1.539	-0.012	98	312604	50.0	45.6	
9 Bromomethane	94	1.745	1.745	0.000	98	208490	50.0	48.4	
10 Chloroethane	64	1.813	1.813	0.000	98	179362	50.0	48.0	
11 Dichlorofluoromethane	67	1.939	1.950	-0.011	98	403855	50.0	47.0	
12 Trichlorofluoromethane	101	1.950	1.962	-0.012	97	360100	50.0	48.9	
13 Pentane	72	1.985	1.996	-0.011	95	97020	100.0	94.5	
17 Ethanol	46	2.110	2.110	0.000	98	49192	2000.0	1842.2	
14 Ethyl ether	74	2.145	2.145	0.000	95	147665	50.0	46.7	
15 2-Methyl-1,3-butadiene	53	2.167	2.167	0.000	95	231101	50.0	47.7	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	87	194659	50.0	48.5	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.213	2.225	-0.012	98	341289	50.0	49.0	
18 1,1,2,2-Tetrafluoroethane	101	2.282	2.282	0.000	96	220220	50.0	46.4	
52 Acrolein	56	2.293	2.293	0.000	96	129068	101.4	103.9	
20 1,1-Dichloroethene	96	2.316	2.327	-0.011	97	221373	50.0	47.3	
23 Acetone	43	2.385	2.385	0.000	88	351728	250.0	232.8	
21 Iodomethane	142	2.453	2.453	0.000	98	236247	50.0	50.2	
24 Isopropyl alcohol	45	2.453	2.453	0.000	62	135112	500.0	465.3	
22 Carbon disulfide	76	2.488	2.488	0.000	98	705973	50.0	48.7	
30 Methyl acetate	43	2.579	2.590	-0.011	97	425512	100.0	96.9	
26 3-Chloro-1-propene	76	2.579	2.590	-0.011	93	155575	50.0	48.8	
25 Cyclopentene	67	2.602	2.602	0.000	96	638959	50.0	47.3	
27 Acetonitrile	40	2.636	2.636	0.000	99	213441	500.0	429.9	
* 28 TBA-d9 (IS)	66	2.670	2.670	0.000	99	38595	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	91	233452	50.0	46.5	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.728	2.728	0.000	99	247070	500.0	467.5	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	97	707907	50.0	47.8	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	94	238736	50.0	44.5	
35 Acrylonitrile	53	2.910	2.910	0.000	92	1178029	500.0	510.7	
36 Hexane	57	2.979	2.990	-0.011	92	359473	50.0	47.5	
37 Isopropyl ether	45	3.162	3.162	0.000	98	739989	50.0	48.5	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	59	430354	50.0	46.7	
40 Vinyl acetate	86	3.208	3.208	0.000	100	133137	100.0	98.5	
39 2-Chloro-1,3-butadiene	88	3.242	3.253	-0.011	88	232874	50.0	47.8	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	90	712518	50.0	48.1	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	96	242899	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.665	-0.012	92	83031	50.0	44.9	
47 Ethyl acetate	70	3.688	3.688	0.000	93	70481	100.0	90.5	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	92	260424	50.0	43.4	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	96	187837	250.0	240.7	
46 Methyl acrylate	55	3.745	3.745	0.000	100	252614	50.0	48.5	
48 Propionitrile	54	3.813	3.825	-0.012	99	409267	500.0	492.1	
50 Tetrahydrofuran	72	3.905	3.905	0.000	86	83336	100.0	96.1	
49 Chlorobromomethane	128	3.905	3.905	0.000	90	114202	50.0	46.9	
54 Methacrylonitrile	67	3.916	3.916	0.000	92	1348783	500.0	500.6	
51 Chloroform	83	3.951	3.951	0.001	98	388436	50.0	45.7	
53 Cyclohexane	84	4.076	4.076	0.000	89	412009	50.0	47.6	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	97	352241	50.0	46.8	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	140027	50.0	49.7	
57 Carbon tetrachloride	117	4.202	4.202	0.000	96	284334	50.0	46.1	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	99	345080	50.0	47.0	
61 Isobutyl alcohol	43	4.351	4.351	0.000	95	405720	1250.0	1301.2	
64 Isooctane	57	4.385	4.396	-0.011	99	722195	50.0	48.3	
59 Benzene	78	4.431	4.431	0.000	96	1014211	50.0	47.5	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.453	4.453	0.000	94	139117	50.0	47.2	
66 Isopropyl acetate	61	4.465	4.476	-0.011	96	120977	50.0	47.0	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	91	755141	50.0	49.0	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	97	259876	50.0	45.7	
65 n-Heptane	100	4.579	4.579	0.000	91	67789	50.0	48.6	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	442231	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	86	127469	1250.0	1060.3	
69 Trichloroethene	95	5.082	5.082	0.000	98	239561	50.0	47.3	
72 Methylcyclohexane	83	5.208	5.208	0.000	90	439719	50.0	47.9	
71 Ethyl acrylate	99	5.196	5.208	-0.012	97	44491	50.0	49.0	
73 1,2-Dichloropropane	63	5.379	5.379	0.000	94	238344	50.0	46.7	
* 68 1,4-Dioxane-d8	96	5.448	5.459	-0.011	69	28025	1000.0	1000.0	
74 Methyl methacrylate	100	5.459	5.459	0.000	87	158889	100.0	96.1	
78 1,4-Dioxane	88	5.516	5.505	0.011	28	56838	1000.0	844.4	
77 n-Propyl acetate	43	5.516	5.516	0.000	97	382014	50.0	49.0	
75 Dibromomethane	93	5.528	5.528	0.000	96	139870	50.0	48.1	
76 Dichlorobromomethane	83	5.688	5.688	0.000	98	282546	50.0	46.5	
34 2-Nitropropane	41	6.031	6.031	0.000	84	131898	100.0	92.1	
79 2-Chloroethyl vinyl ether	63	6.042	6.042	0.000	88	163504	50.1	49.1	
80 Epichlorohydrin	57	6.156	6.156	0.000	99	567737	1000.0	985.7	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	88	401054	50.0	47.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.396	-0.011	95	1270009	250.0	254.7	
\$ 82 Toluene-d8 (Surr)	98	6.476	6.488	-0.012	98	662505	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	92	1089639	50.0	48.4	
85 trans-1,3-Dichloropropene	75	6.968	6.968	0.000	94	364676	50.0	48.6	
86 Ethyl methacrylate	69	7.002	7.002	0.000	87	333086	50.0	48.1	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	96	180667	50.0	47.4	
88 Tetrachloroethene	166	7.254	7.254	0.000	94	216710	50.0	48.0	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	90	373743	50.0	47.5	
91 2-Hexanone	43	7.517	7.517	0.000	95	854519	250.0	252.1	
92 n-Butyl acetate	43	7.654	7.654	0.000	98	373472	50.0	46.8	
90 Chlorodibromomethane	129	7.699	7.699	0.000	98	206060	50.0	49.7	
93 Ethylene Dibromide	107	7.859	7.859	0.000	97	219124	50.0	48.8	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	85	355742	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	96	639054	50.0	47.8	
97 Ethylbenzene	106	8.500	8.500	0.000	98	348007	50.0	46.7	
96 1,1,1,2-Tetrachloroethane	131	8.522	8.522	0.000	96	210375	50.0	48.4	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	96	425728	50.0	47.5	
99 n-Butyl acrylate	73	9.060	9.060	0.000	98	204500	50.0	47.5	
100 o-Xylene	106	9.060	9.060	0.000	93	405329	50.0	47.5	
101 Styrene	104	9.094	9.094	0.000	96	714479	50.0	49.1	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	92	409324	50.0	48.5	
103 Bromoform	173	9.311	9.311	0.000	97	130015	50.0	48.9	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	1109233	50.0	50.2	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	153264	50.0	50.4	
107 Bromobenzene	156	9.745	9.745	0.000	98	226485	50.0	47.4	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	320206	50.0	46.9	
109 N-Propylbenzene	91	9.803	9.803	0.000	98	1348302	50.0	50.6	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	97	86871	50.0	45.8	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	91	83952	50.0	47.7	
114 2-Chlorotoluene	91	9.905	9.905	0.000	95	878797	50.0	48.2	
113 4-Ethyltoluene	105	9.917	9.917	0.000	98	1077978	50.0	48.8	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	93	886898	50.0	48.9	
110 4-Chlorotoluene	91	10.008	10.020	-0.012	98	768226	50.0	47.2	
117 Butyl Methacrylate	87	10.065	10.065	0.000	88	316093	50.0	49.6	
118 tert-Butylbenzene	119	10.248	10.248	0.000	95	752813	50.0	48.9	
119 1,2,4-Trimethylbenzene	105	10.305	10.305	0.000	97	889011	50.0	49.1	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	1125356	50.0	51.0	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	98	949706	50.0	49.4	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	95	439853	50.0	45.3	
* 106 1,4-Dichlorobenzene-d4	152	10.625	10.625	0.000	93	168698	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.648	10.648	0.000	95	446464	50.0	46.2	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	100	906649	50.0	49.0	
125 Benzyl chloride	91	10.763	10.763	0.000	99	620610	50.0	48.5	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	93	897669	50.0	49.5	
126 p-Diethylbenzene	119	10.866	10.865	0.001	93	466288	50.0	47.8	
127 n-Butylbenzene	92	10.888	10.888	0.000	97	465555	50.0	50.0	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	96	415743	50.0	46.9	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	96	743144	50.0	47.4	
129 1,2-Dibromo-3-Chloropropane	157	11.574	11.574	0.000	97	59821	50.0	44.1	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	97	258020	50.0	45.7	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	93	233602	50.0	46.0	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	92	82743	50.0	46.6	
134 Naphthalene	128	12.329	12.328	0.000	99	792970	50.0	47.9	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	96	220022	50.0	46.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	87.9	
S 137 Xylenes, Total	100				0		100.0	95.0	
S 138 1,3-Dichloropropene, Total	1				0		100.0	96.3	
S 139 Total BTEX	1				0		250.0	237.6	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

### Reagents:

GASES Li_00423	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00138	Amount Added: 50.00	Units: uL	
524freon_00037	Amount Added: 50.00	Units: uL	
ACROLEIN W_00125	Amount Added: 10.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02684.D

Injection Date: 04-Jun-2021 14:18:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

57

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

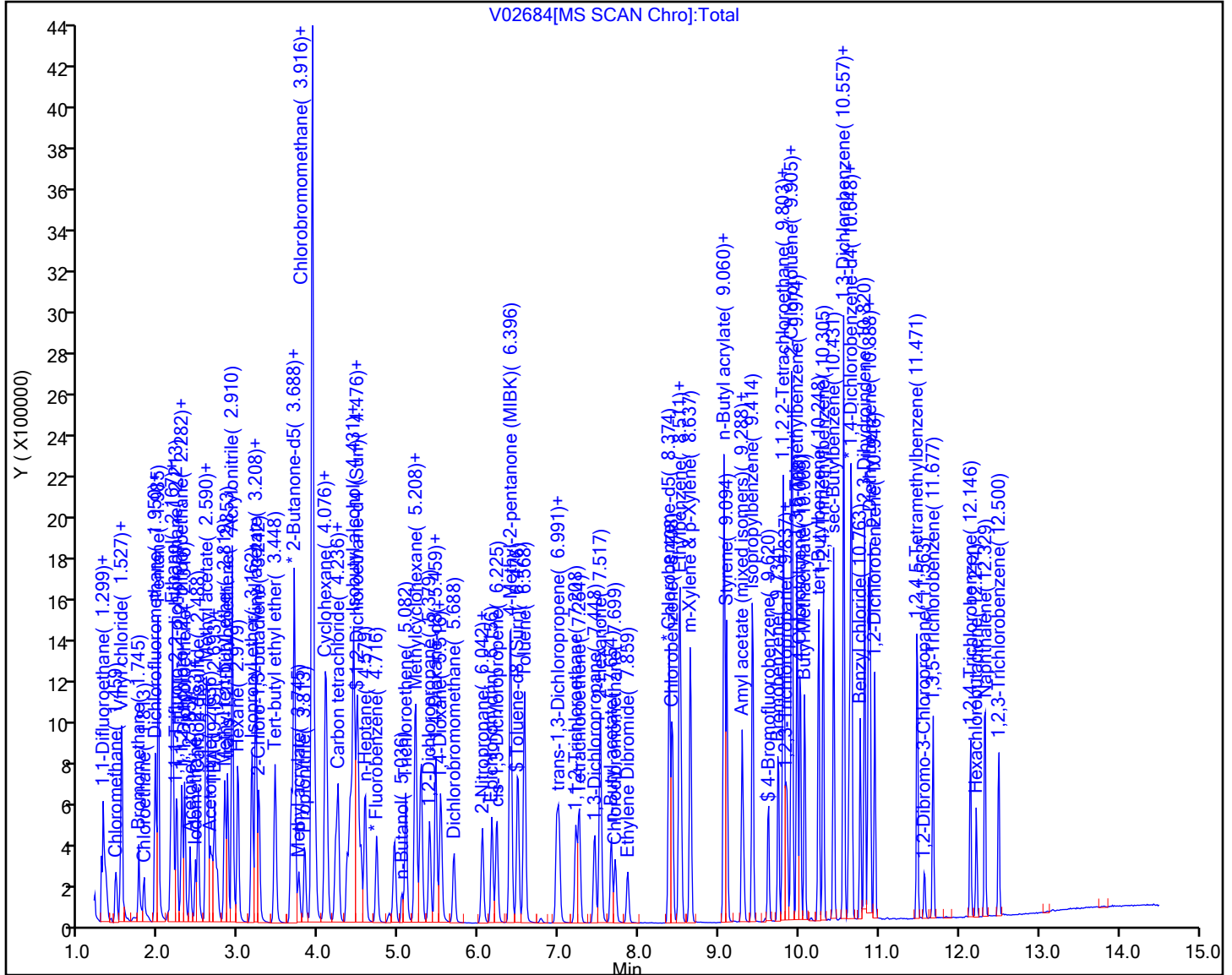
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02684.D

Injection Date: 04-Jun-2021 14:18:30

Instrument ID: CVOAMS7

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

57

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

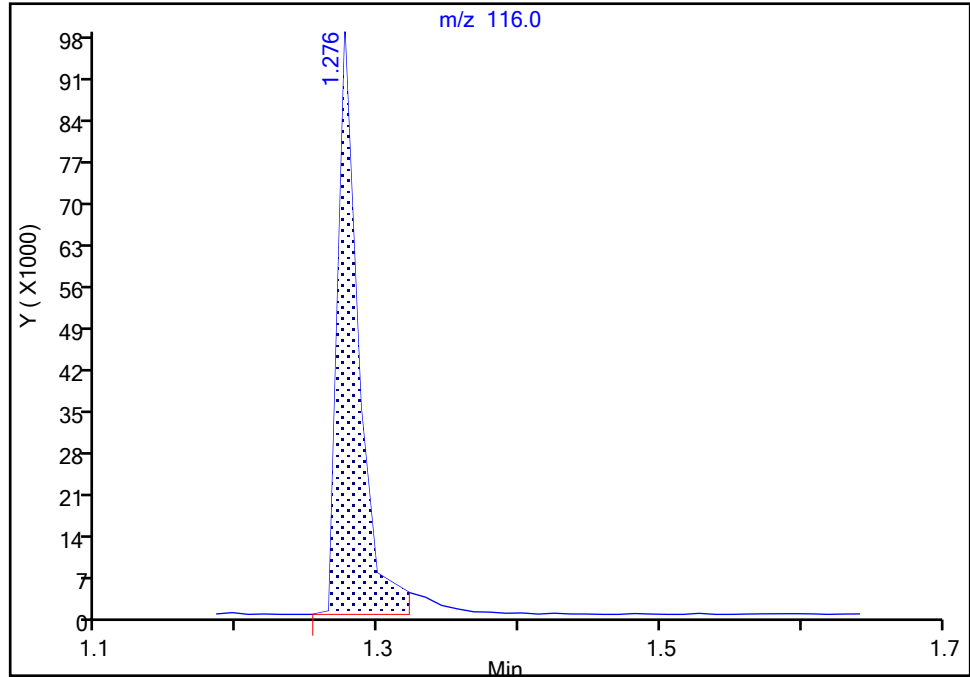
MS Quad

**3 Chlorotrifluoroethene, CAS: 79-38-9**

Signal: 1

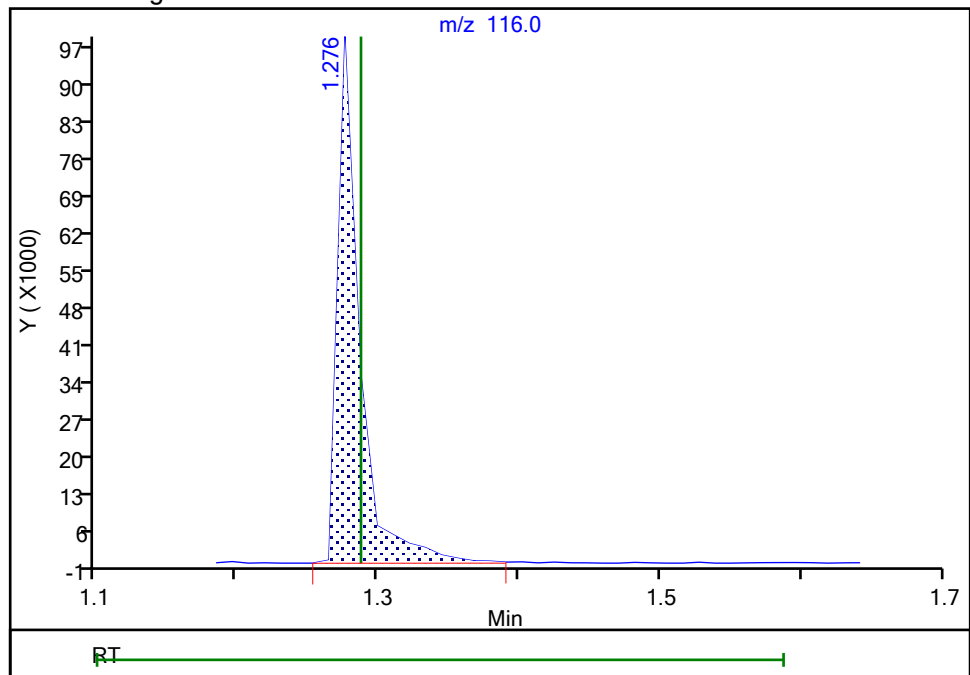
RT: 1.28  
Area: 103262  
Amount: 48.310533  
Amount Units: ug/l

## Processing Integration Results



RT: 1.28  
Area: 107713  
Amount: 50.045529  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:23:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02685.D  
 Lims ID: STD200  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 04-Jun-2021 14:41:30 ALS Bottle#: 58 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD200  
 Misc. Info.: 460-0129741-009  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 19:58:36 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 15:01:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.288	1.287	0.001	87	447163	200.0	192.2	
4 1,1-Difluoroethane	65	1.310	1.299	0.011	93	552053	200.0	201.2	
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	98	1487182	200.0	190.3	
2 Chlorodifluoromethane	67	1.333	1.333	0.000	98	166698	200.0	180.6	
6 Chloromethane	50	1.459	1.459	0.000	99	1306499	200.0	193.8	
7 Vinyl chloride	62	1.516	1.516	0.000	97	1455252	200.0	194.3	
8 Butadiene	54	1.539	1.539	0.000	97	1423703	200.0	192.2	
9 Bromomethane	94	1.756	1.745	0.011	98	921834	200.0	173.7	
10 Chloroethane	64	1.813	1.813	0.000	98	800092	200.0	174.0	
11 Dichlorofluoromethane	67	1.951	1.950	0.001	99	1885420	200.0	203.2	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	98	1450202	200.0	182.3	
13 Pentane	72	1.996	1.996	0.000	95	440048	400.0	396.6	
17 Ethanol	46	2.111	2.110	0.001	99	223279	8000.0	6767.7	
14 Ethyl ether	74	2.145	2.145	0.000	95	683579	200.0	200.2	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	96	1143721	200.0	218.3	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	94	905131	200.0	208.7	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.225	0.000	99	1624936	200.0	215.7	
18 1,1,2,2-Tetrafluoroethane	101	2.282	2.282	0.000	94	1035522	200.0	201.9	
52 Acrolein	56	2.293	2.293	0.000	94	302450	202.8	197.0	
20 1,1-Dichloroethene	96	2.328	2.327	0.001	97	1023946	200.0	202.5	
23 Acetone	43	2.385	2.385	0.000	87	1737341	1000.0	933.3	
21 Iodomethane	142	2.453	2.453	0.000	98	1154970	200.0	226.9	
24 Isopropyl alcohol	45	2.453	2.453	0.000	55	667607	2000.0	1861.0	a
22 Carbon disulfide	76	2.488	2.488	0.000	99	3242581	200.0	206.8	
30 Methyl acetate	43	2.591	2.590	0.001	97	2158655	400.0	454.9	
26 3-Chloro-1-propene	76	2.591	2.590	0.001	89	732650	200.0	212.7	
25 Cyclopentene	67	2.613	2.602	0.011	96	3082524	200.0	211.1	
27 Acetonitrile	40	2.636	2.636	0.000	98	1082506	2000.0	1769.8	
* 28 TBA-d9 (IS)	66	2.671	2.670	0.001	98	47686	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	92	1093631	200.0	201.6	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.728	2.728	0.000	99	1247168	2000.0	1910.0	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	98	3409157	200.0	213.1	
33 trans-1,2-Dichloroethene	96	2.865	2.853	0.012	95	1160271	200.0	200.0	
35 Acrylonitrile	53	2.922	2.910	0.012	90	5796159	2000.0	2324.3	
36 Hexane	57	2.991	2.990	0.001	93	1669646	200.0	203.9	
37 Isopropyl ether	45	3.162	3.162	0.000	95	3531219	200.0	214.2	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	59	2118224	200.0	212.8	
40 Vinyl acetate	86	3.208	3.208	0.000	99	640932	400.0	384.9	
39 2-Chloro-1,3-butadiene	88	3.254	3.253	0.001	89	1084091	200.0	205.7	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	90	3383097	200.0	211.4	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	95	299235	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	95	386998	200.0	193.7	
47 Ethyl acetate	70	3.688	3.688	0.000	93	361554	400.0	377.0	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	91	1272081	200.0	196.2	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	97	962287	1000.0	1001.1	
46 Methyl acrylate	55	3.745	3.745	0.000	100	1220300	200.0	216.9	
48 Propionitrile	54	3.825	3.825	0.000	98	1949054	2000.0	1896.7	
50 Tetrahydrofuran	72	3.905	3.905	0.000	93	408172	400.0	381.9	
49 Chlorobromomethane	128	3.905	3.905	0.000	99	552464	200.0	209.7	
54 Methacrylonitrile	67	3.928	3.916	0.012	89	6804134	2000.0	2336.0	
51 Chloroform	83	3.951	3.951	0.001	97	1930217	200.0	210.1	
53 Cyclohexane	84	4.076	4.076	0.000	89	1962359	200.0	209.7	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	98	1721035	200.0	211.3	
\$ 56 Dibromofluoromethane (Surr)	113	4.111	4.099	0.012	97	154981	50.0	50.9	
57 Carbon tetrachloride	117	4.214	4.202	0.012	94	1423503	200.0	213.7	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	99	1701094	200.0	214.3	
61 Isobutyl alcohol	43	4.351	4.351	0.000	96	2249472	5000.0	5839.2	
64 Isooctane	57	4.396	4.396	0.000	99	3385917	200.0	209.5	
59 Benzene	78	4.431	4.431	0.000	96	4926779	200.0	210.6	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.454	4.453	0.001	92	172911	50.0	54.3	
66 Isopropyl acetate	61	4.477	4.476	0.000	97	625056	200.0	208.0	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	95	3524414	200.0	211.6	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	96	1275957	200.0	207.6	
65 n-Heptane	100	4.579	4.579	0.000	92	314978	200.0	208.8	
* 67 Fluorobenzene	96	4.717	4.716	0.001	99	478041	50.0	50.0	
70 n-Butanol	56	5.037	5.036	0.001	86	729309	5000.0	5092.6	
69 Trichloroethene	95	5.082	5.082	0.000	98	1157538	200.0	211.4	
72 Methylcyclohexane	83	5.208	5.208	0.000	88	2057136	200.0	207.2	
71 Ethyl acrylate	99	5.197	5.208	-0.011	97	205322	200.0	209.1	
73 1,2-Dichloropropane	63	5.379	5.379	0.000	94	1146351	200.0	207.6	
* 68 1,4-Dioxane-d8	96	5.459	5.459	0.000	43	23204	1000.0	1000.0	M
74 Methyl methacrylate	100	5.459	5.459	0.000	87	738543	400.0	413.4	
78 1,4-Dioxane	88	5.517	5.505	0.012	28	257341	4000.0	4617.3	
77 n-Propyl acetate	43	5.517	5.516	0.001	97	1840165	200.0	218.4	
75 Dibromomethane	93	5.528	5.528	0.000	94	653404	200.0	207.9	
76 Dichlorobromomethane	83	5.688	5.688	0.000	97	1395467	200.0	212.5	
34 2-Nitropropane	41	6.042	6.031	0.011	98	666574	400.0	430.8	
79 2-Chloroethyl vinyl ether	63	6.042	6.042	0.000	90	774932	200.5	215.3	
80 Epichlorohydrin	57	6.168	6.156	0.012	99	2782511	4000.0	3921.5	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	88	1929628	200.0	209.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.397	6.396	0.001	96	6422466	1000.0	1045.6	
\$ 82 Toluene-d8 (Surr)	98	6.488	6.488	0.000	98	723368	50.0	49.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	91	5478424	200.0	222.2	
85 trans-1,3-Dichloropropene	75	6.968	6.968	0.000	96	1748592	200.0	212.7	
86 Ethyl methacrylate	69	7.002	7.002	0.000	87	1644625	200.0	217.0	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	97	877038	200.0	210.0	
88 Tetrachloroethene	166	7.254	7.254	0.000	93	1020796	200.0	206.3	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	89	1794712	200.0	208.3	
91 2-Hexanone	43	7.517	7.517	0.000	95	4259760	1000.0	1020.2	
92 n-Butyl acetate	43	7.654	7.654	0.000	99	1753269	200.0	200.6	
90 Chlorodibromomethane	129	7.700	7.699	0.001	96	981209	200.0	216.1	
93 Ethylene Dibromide	107	7.860	7.859	0.001	95	1045373	200.0	212.7	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	87	389529	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	96	3125602	200.0	213.6	
97 Ethylbenzene	106	8.511	8.500	0.011	98	1706986	200.0	209.2	
96 1,1,1,2-Tetrachloroethane	131	8.523	8.522	0.001	95	1014318	200.0	213.3	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	97	2019024	200.0	205.6	
99 n-Butyl acrylate	73	9.060	9.060	0.000	98	1015670	200.0	215.6	
100 o-Xylene	106	9.060	9.060	0.000	93	1962779	200.0	210.3	
101 Styrene	104	9.094	9.094	0.000	95	3460967	200.0	217.2	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	93	1870074	200.0	223.2	
103 Bromoform	173	9.311	9.311	0.000	96	645147	200.0	221.7	
104 Isopropylbenzene	105	9.426	9.414	0.012	95	5257843	200.0	217.5	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	155259	50.0	46.6	
107 Bromobenzene	156	9.746	9.745	0.001	97	1070445	200.0	225.7	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	98	1607784	200.0	237.2	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	6294100	200.0	238.1	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	98	401026	200.0	213.0	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	86	389967	200.0	223.2	
114 2-Chlorotoluene	91	9.906	9.905	0.001	94	4290708	200.0	236.8	
113 4-Ethyltoluene	105	9.917	9.917	0.000	98	5096183	200.0	232.4	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	92	4123960	200.0	229.0	
110 4-Chlorotoluene	91	10.020	10.020	0.000	97	3644679	200.0	225.6	
117 Butyl Methacrylate	87	10.066	10.065	0.001	88	1433839	200.0	226.6	
118 tert-Butylbenzene	119	10.249	10.248	0.000	95	3377147	200.0	221.1	
119 1,2,4-Trimethylbenzene	105	10.306	10.305	0.001	97	4161225	200.0	231.7	
120 sec-Butylbenzene	105	10.431	10.431	0.000	99	5047522	200.0	230.2	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	98	4466666	200.0	233.9	
122 1,3-Dichlorobenzene	146	10.569	10.557	0.012	96	2160811	200.0	224.0	
* 106 1,4-Dichlorobenzene-d4	152	10.626	10.625	0.001	92	167489	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.649	10.648	0.001	94	2159907	200.0	225.3	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	100	4258924	200.0	232.0	
125 Benzyl chloride	91	10.763	10.763	0.000	98	2863836	200.0	225.4	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	92	4093242	200.0	227.4	
126 p-Diethylbenzene	119	10.866	10.865	0.001	92	2147560	200.0	221.7	
127 n-Butylbenzene	92	10.889	10.888	0.001	97	2129949	200.0	230.2	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	95	1962436	200.0	222.9	
130 1,2,4,5-Tetramethylbenzene	119	11.483	11.471	0.012	96	3811875	200.0	245.1	
129 1,2-Dibromo-3-Chloropropane	157	11.574	11.574	0.000	96	285296	200.0	211.9	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	96	1327080	200.0	236.9	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	92	1215266	200.0	241.0	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	92	380610	200.0	215.9	
134 Naphthalene	128	12.329	12.328	0.001	99	4171736	200.0	253.8	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	96	1132062	200.0	239.0	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		400.0	396.3	
S 137 Xylenes, Total	100				0		400.0	415.9	
S 138 1,3-Dichloropropene, Total	1				0		400.0	422.6	
S 139 Total BTEX	1				0		1000.0	1057.9	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

ACROLEIN W_00125	Amount Added: 20.00	Units: uL	
8FreonHi_00032	Amount Added: 20.00	Units: uL	
Ethanol mix_00052	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00111	Amount Added: 20.00	Units: uL	
MIX I Hi_00138	Amount Added: 20.00	Units: uL	
GAS Hi_00389	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02685.D

Injection Date: 04-Jun-2021 14:41:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#: 58

Worklist Smp#: 9

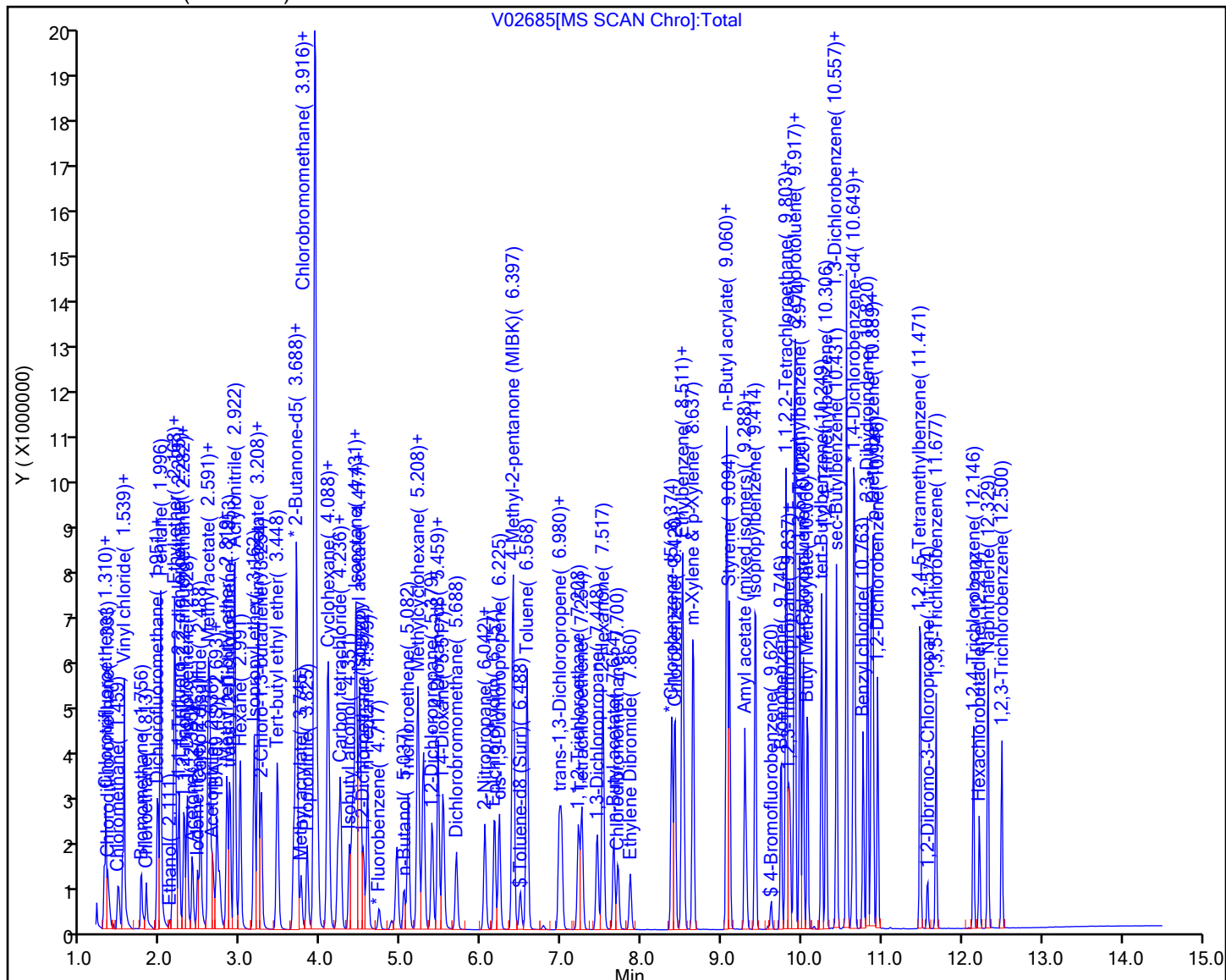
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02685.D

Injection Date: 04-Jun-2021 14:41:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

58

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

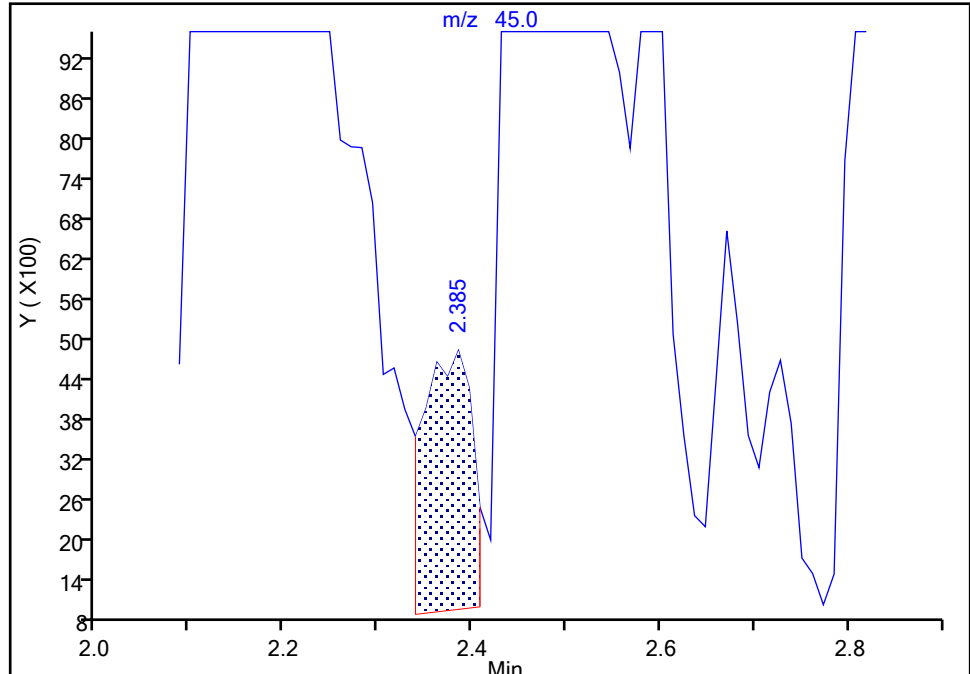
Detector: MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

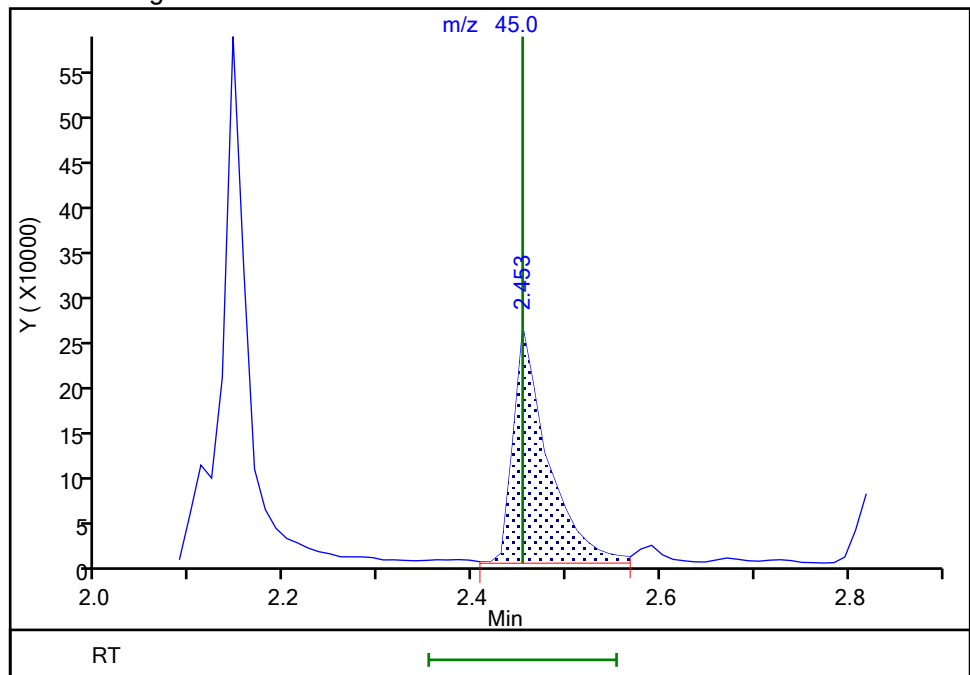
RT: 2.38  
Area: 14874  
Amount: 49.788387  
Amount Units: ug/l

## Processing Integration Results



RT: 2.45  
Area: 667607  
Amount: 1860.9575  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:25:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02685.D

Injection Date: 04-Jun-2021 14:41:30

Instrument ID: CVOAMS7

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

58

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

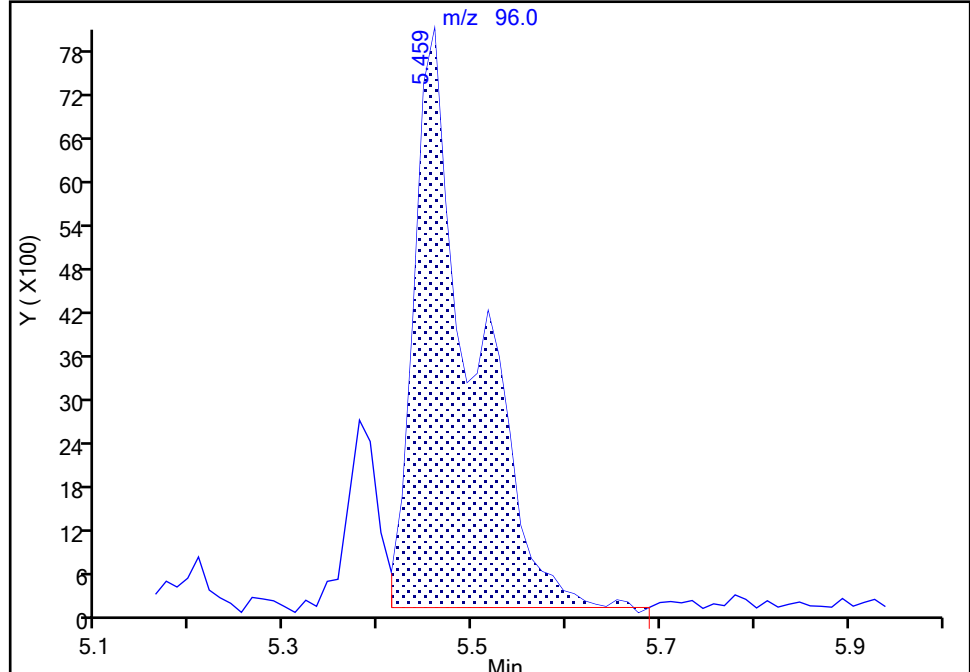
Detector: MS Quad

\* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

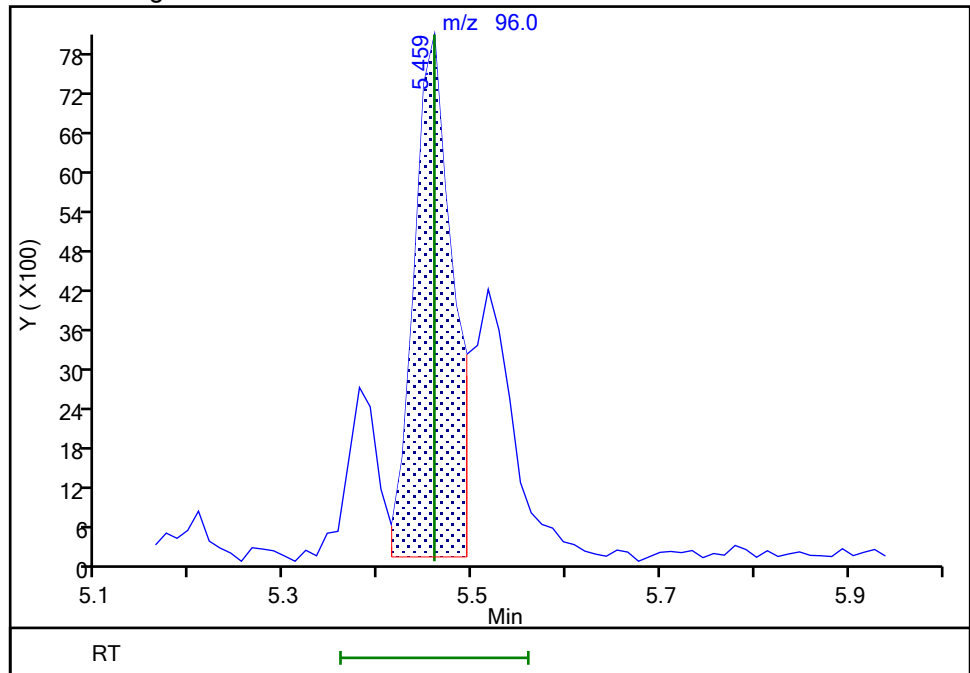
RT: 5.46  
Area: 34619  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.46  
Area: 23204  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:43:09

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D  
 Lims ID: STD500  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 04-Jun-2021 15:04:30 ALS Bottle#: 59 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD500  
 Misc. Info.: 460-0129741-010  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub1  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 19:58:41 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 15:37:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.287	1.287	0.000	88	1265521	500.0	506.3	
4 1,1-Difluoroethane	65	1.310	1.299	0.011	93	1608442	500.0	545.6	
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	98	4447292	500.0	529.8	
2 Chlorodifluoromethane	67	1.333	1.333	0.000	99	481609	500.0	485.8	
6 Chloromethane	50	1.459	1.459	0.000	99	3801547	500.0	525.0	
7 Vinyl chloride	62	1.516	1.516	0.000	97	4304322	500.0	535.0	
8 Butadiene	54	1.539	1.539	0.000	94	4150825	500.0	521.7	
9 Bromomethane	94	1.745	1.745	0.000	96	2569182	500.0	401.9	
10 Chloroethane	64	1.813	1.813	0.000	99	2281467	500.0	411.8	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	99	5491347	500.0	550.9	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	97	4717211	500.0	551.9	M
13 Pentane	72	1.985	1.996	-0.011	92	1333401	1000.0	1118.7	
17 Ethanol	46	2.145	2.110	0.035	75	653391	20000	16056	
14 Ethyl ether	74	2.145	2.145	0.000	95	1967837	500.0	536.4	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	96	3342218	500.0	593.7	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	82	2019428	500.0	433.5	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.225	0.000	96	3992064	500.0	493.2	
18 1,1,2,2-Tetrafluoroethane	101	2.282	2.282	0.000	93	3257151	500.0	591.2	
52 Acrolein	56	2.293	2.293	0.000	94	757659	405.6	400.1	
20 1,1-Dichloroethene	96	2.328	2.327	0.001	97	2964371	500.0	545.7	
23 Acetone	43	2.396	2.385	0.011	88	4792704	2500.0	2137.2	
21 Iodomethane	142	2.453	2.453	0.000	99	3034111	500.0	554.7	
24 Isopropyl alcohol	45	2.465	2.453	0.012	96	2049827	5000.0	4632.5	a
22 Carbon disulfide	76	2.488	2.488	0.000	99	8811430	500.0	523.1	
30 Methyl acetate	43	2.590	2.590	0.000	97	6037528	1000.0	1184.2	
26 3-Chloro-1-propene	76	2.590	2.590	0.000	92	2187771	500.0	591.2	
25 Cyclopentene	67	2.602	2.602	0.000	93	8479229	500.0	540.5	
27 Acetonitrile	40	2.648	2.636	0.012	97	2733966	5000.0	3710.5	
* 28 TBA-d9 (IS)	66	2.682	2.670	0.012	98	58818	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	91	3086943	500.0	529.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.739	2.728	0.011	99	3433207	5000.0	4262.8	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	98	9355442	500.0	544.2	
33 trans-1,2-Dichloroethene	96	2.865	2.853	0.012	95	3420267	500.0	548.9	
35 Acrylonitrile	53	2.922	2.910	0.012	88	13466569	5000.0	5026.7	
36 Hexane	57	2.991	2.990	0.000	93	4848310	500.0	551.1	
37 Isopropyl ether	45	3.162	3.162	0.000	94	9585767	500.0	541.3	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	62	5839454	500.0	546.1	
40 Vinyl acetate	86	3.208	3.208	0.000	98	1894066	1000.0	944.2	
39 2-Chloro-1,3-butadiene	88	3.253	3.253	0.000	89	3179147	500.0	561.4	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	92	9299696	500.0	541.0	
* 42 2-Butanone-d5	46	3.653	3.642	0.011	97	360478	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	95	1114723	500.0	519.4	
47 Ethyl acetate	70	3.699	3.688	0.011	94	1089995	1000.0	943.5	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	94	3745858	500.0	537.8	
44 2-Butanone (MEK)	72	3.699	3.688	0.011	99	2801111	2500.0	2419.0	
46 Methyl acrylate	55	3.745	3.745	0.000	100	3484753	500.0	576.6	
48 Propionitrile	54	3.836	3.825	0.011	98	5251902	5000.0	4143.6	
50 Tetrahydrofuran	72	3.905	3.905	0.000	88	1163426	1000.0	903.6	
49 Chlorobromomethane	128	3.916	3.905	0.011	94	1592573	500.0	562.7	
54 Methacrylonitrile	67	3.928	3.916	0.012	75	15832227	5000.0	5059.5	
51 Chloroform	83	3.962	3.951	0.012	98	5567626	500.0	564.0	
53 Cyclohexane	84	4.076	4.076	0.000	89	6097472	500.0	606.4	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	97	5094672	500.0	582.3	
\$ 56 Dibromofluoromethane (Surr)	113	4.111	4.099	0.012	94	171026	50.0	52.3	
57 Carbon tetrachloride	117	4.213	4.202	0.011	93	4313832	500.0	602.7	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	99	5103949	500.0	598.4	
61 Isobutyl alcohol	43	4.362	4.351	0.011	96	5801243	12500	12209	
64 Isooctane	57	4.396	4.396	0.000	97	9255580	500.0	533.1	a
59 Benzene	78	4.431	4.431	0.000	98	12805365	500.0	522.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.454	4.453	0.001	86	224301	50.0	65.5	
66 Isopropyl acetate	61	4.476	4.476	0.000	97	1843865	500.0	495.4	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	92	10056084	500.0	562.1	
63 1,2-Dichloroethane	62	4.534	4.522	0.012	94	3661547	500.0	554.5	
65 n-Heptane	100	4.579	4.579	0.000	91	876646	500.0	540.8	
* 67 Fluorobenzene	96	4.728	4.716	0.012	99	513571	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	87	2055106	12500	12485	
69 Trichloroethene	95	5.082	5.082	0.000	97	3456262	500.0	587.7	
72 Methylcyclohexane	83	5.208	5.208	0.000	80	6158013	500.0	577.3	
71 Ethyl acrylate	99	5.208	5.208	0.000	95	562680	500.0	533.5	
73 1,2-Dichloropropane	63	5.391	5.379	0.012	94	3272112	500.0	551.6	
* 68 1,4-Dioxane-d8	96	5.459	5.459	0.000	43	23165	1000.0	1000.0	
74 Methyl methacrylate	100	5.459	5.459	0.000	87	2050331	1000.0	1068.3	
78 1,4-Dioxane	88	5.516	5.505	0.011	27	716385	10000	12875	
77 n-Propyl acetate	43	5.516	5.516	0.000	97	5000966	500.0	552.4	
75 Dibromomethane	93	5.528	5.528	0.000	93	1861001	500.0	551.1	
76 Dichlorobromomethane	83	5.688	5.688	0.000	97	3954518	500.0	560.4	
34 2-Nitropropane	41	6.042	6.031	0.011	82	1828578	1000.0	1100.0	
79 2-Chloroethyl vinyl ether	63	6.054	6.042	0.012	75	2127254	501.2	550.0	
80 Epichlorohydrin	57	6.168	6.156	0.012	99	7325274	10000	8569.8	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	88	5398585	500.0	560.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.397	6.396	0.001	91	15069258	2500.0	2036.5	
\$ 82 Toluene-d8 (Surr)	98	6.488	6.488	0.000	97	764579	50.0	49.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	95	13763842	500.0	533.1	
85 trans-1,3-Dichloropropene	75	6.968	6.968	0.000	95	4818902	500.0	559.6	
86 Ethyl methacrylate	69	7.002	7.002	0.000	91	4559785	500.0	574.4	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	96	2410143	500.0	550.9	
88 Tetrachloroethene	166	7.254	7.254	0.000	93	2940284	500.0	567.5	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	89	4783624	500.0	530.2	
91 2-Hexanone	43	7.517	7.517	0.000	92	10686746	2500.0	2124.5	
92 n-Butyl acetate	43	7.654	7.654	0.000	98	4628652	500.0	505.6	
90 Chlorodibromomethane	129	7.711	7.699	0.012	96	2614629	500.0	549.7	
93 Ethylene Dibromide	107	7.860	7.859	0.001	95	2782125	500.0	540.6	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	87	407963	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	95	8278614	500.0	540.2	
97 Ethylbenzene	106	8.511	8.500	0.011	97	4787073	500.0	560.1	
96 1,1,1,2-Tetrachloroethane	131	8.522	8.522	0.000	96	2835588	500.0	569.3	
98 m-Xylene & p-Xylene	106	8.648	8.637	0.011	94	5487175	500.0	533.5	
99 n-Butyl acrylate	73	9.060	9.060	0.000	98	2827837	500.0	573.3	
100 o-Xylene	106	9.071	9.060	0.011	97	5273735	500.0	539.5	
101 Styrene	104	9.094	9.094	0.000	93	8892796	500.0	533.0	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	94	4951316	500.0	525.8	
103 Bromoform	173	9.311	9.311	0.000	95	1750713	500.0	574.4	
104 Isopropylbenzene	105	9.425	9.414	0.011	96	12018067	500.0	474.7	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	163362	50.0	46.8	
107 Bromobenzene	156	9.745	9.745	0.000	97	3027922	500.0	568.0	
108 1,1,2,2-Tetrachloroethane	83	9.803	9.791	0.012	99	4393723	500.0	576.8	
109 N-Propylbenzene	91	9.814	9.803	0.011	97	13441293	500.0	452.4	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	97	1130917	500.0	534.5	
112 trans-1,4-Dichloro-2-butene	53	9.860	9.848	0.012	88	1099898	500.0	560.2	
114 2-Chlorotoluene	91	9.917	9.905	0.012	97	10376912	500.0	509.6	
113 4-Ethyltoluene	105	9.917	9.917	0.000	94	11944714	500.0	484.8	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	95	10170849	500.0	502.5	
110 4-Chlorotoluene	91	10.020	10.020	0.000	96	9003235	500.0	495.8	
117 Butyl Methacrylate	87	10.077	10.065	0.012	86	4052317	500.0	569.7	
118 tert-Butylbenzene	119	10.248	10.248	0.000	94	8904371	500.0	518.7	
119 1,2,4-Trimethylbenzene	105	10.306	10.305	0.001	95	10159286	500.0	503.3	
120 sec-Butylbenzene	105	10.431	10.431	0.000	96	11656477	500.0	473.0	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	93	10738641	500.0	500.3	
122 1,3-Dichlorobenzene	146	10.568	10.557	0.011	95	6414134	500.0	591.7	
* 106 1,4-Dichlorobenzene-d4	152	10.626	10.625	0.001	92	188233	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.648	10.648	0.000	94	6185536	500.0	574.1	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	99	10430767	500.0	505.6	
125 Benzyl chloride	91	10.763	10.763	0.000	99	7574712	500.0	530.6	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	95	9890043	500.0	488.9	
126 p-Diethylbenzene	119	10.866	10.865	0.001	91	5943191	500.0	545.9	
127 n-Butylbenzene	92	10.888	10.888	0.000	97	5963150	500.0	573.4	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	95	5642751	500.0	570.3	
130 1,2,4,5-Tetramethylbenzene	119	11.483	11.471	0.012	98	9110240	500.0	521.2	
129 1,2-Dibromo-3-Chloropropane	157	11.574	11.574	0.000	95	759494	500.0	501.9	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	96	3626614	500.0	575.9	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	92	3466219	500.0	611.7	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	92	1008505	500.0	509.0	
134 Naphthalene	128	12.329	12.328	0.001	98	9957480	500.0	539.1	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	96	3225605	500.0	606.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1086.7	
S 137 Xylenes, Total	100				0		1000.0	1073.0	
S 138 1,3-Dichloropropene, Total	1				0		1000.0	1120.3	
S 139 Total BTEX	1				0		2500.0	2688.8	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

GAS Hi_00389	Amount Added: 50.00	Units: uL	
MIX 1 Hi_00138	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00111	Amount Added: 50.00	Units: uL	
Ethanol mix_00052	Amount Added: 50.00	Units: uL	
8FreonHi_00032	Amount Added: 50.00	Units: uL	
ACROLEIN W_00125	Amount Added: 40.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D

Injection Date: 04-Jun-2021 15:04:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

59

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

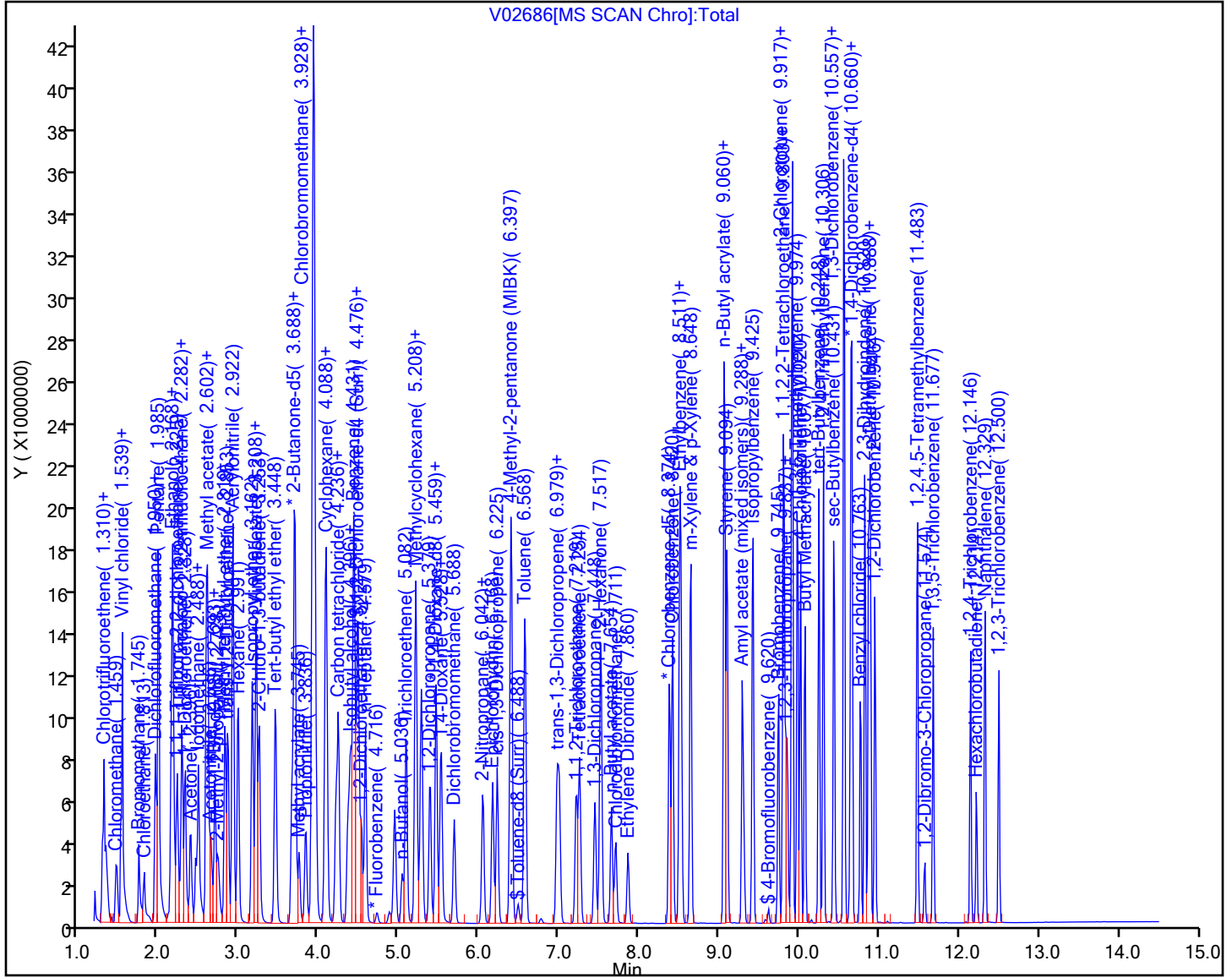
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D

Injection Date: 04-Jun-2021 15:04:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

59

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

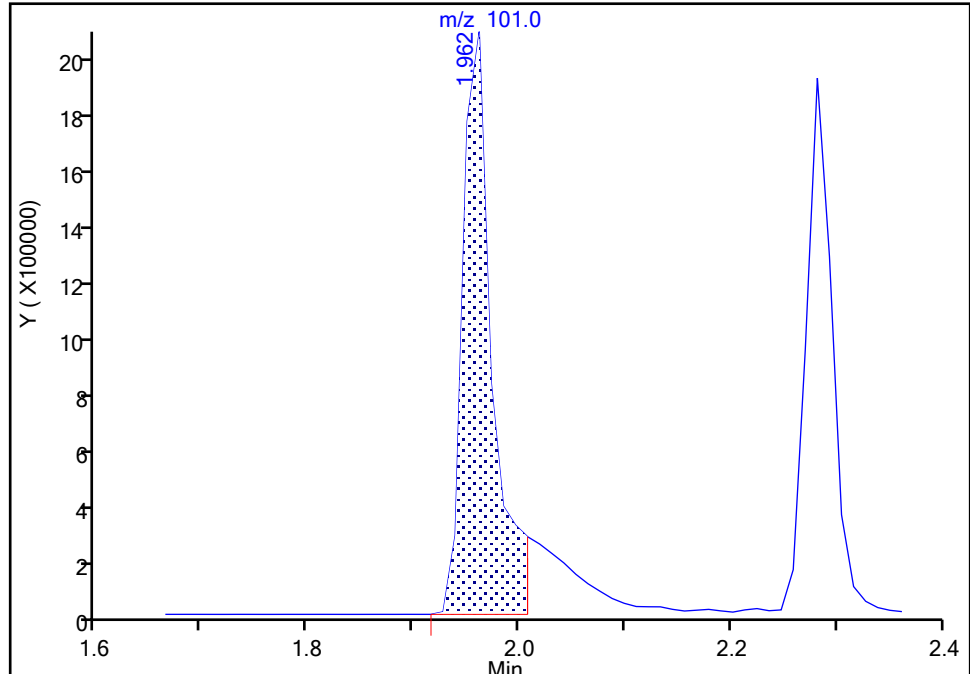
MS Quad

**12 Trichlorofluoromethane, CAS: 75-69-4**

Signal: 1

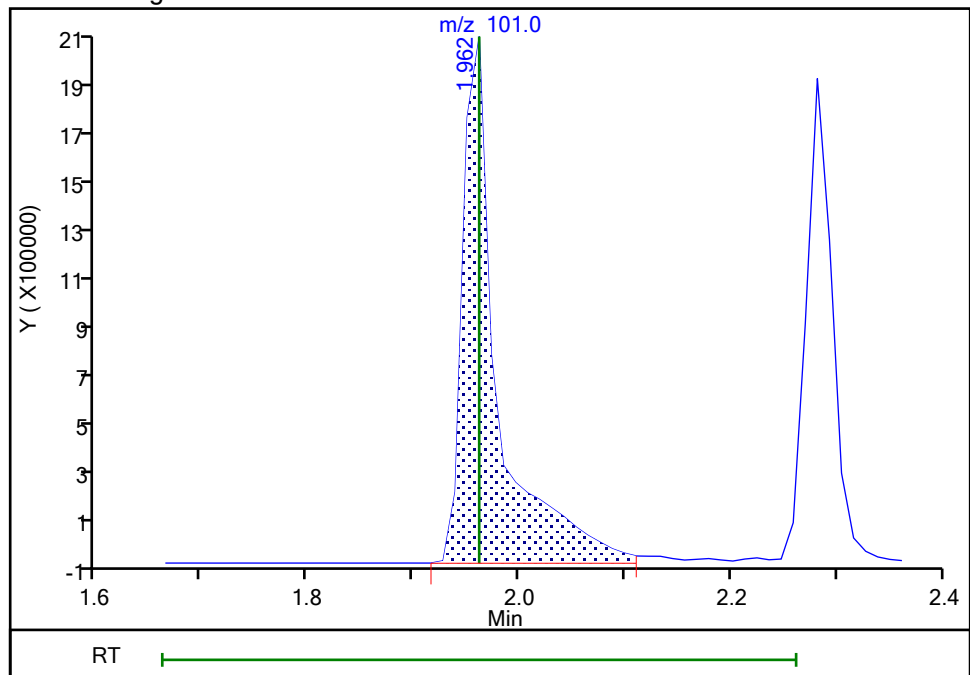
RT: 1.96  
Area: 3966267  
Amount: 478.0584  
Amount Units: ug/l

## Processing Integration Results



RT: 1.96  
Area: 4717211  
Amount: 551.9187  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:26:03

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D

Injection Date: 04-Jun-2021 15:04:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

59

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector: MS Quad

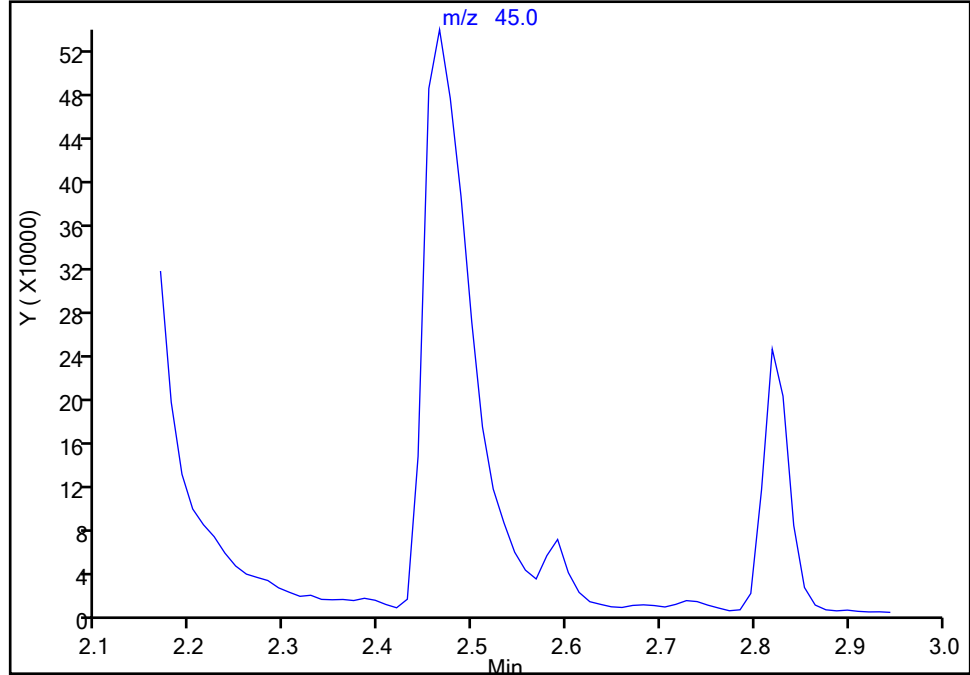
**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

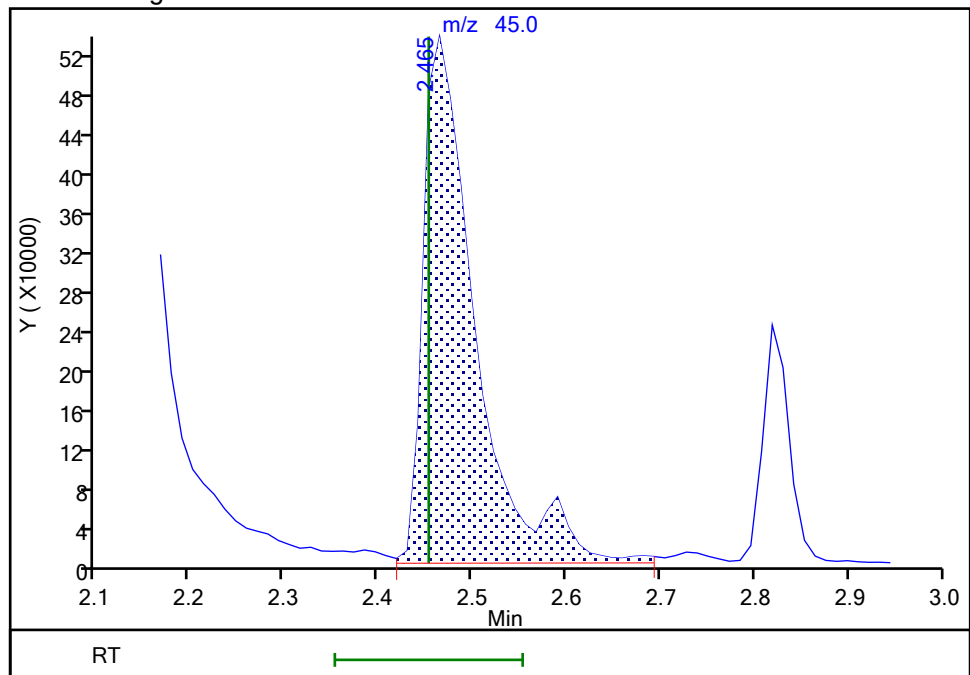
Not Detected

Expected RT: 2.45

## Processing Integration Results



## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:26:17

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D

Injection Date: 04-Jun-2021 15:04:30

Instrument ID: CVOAMS7

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

59

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

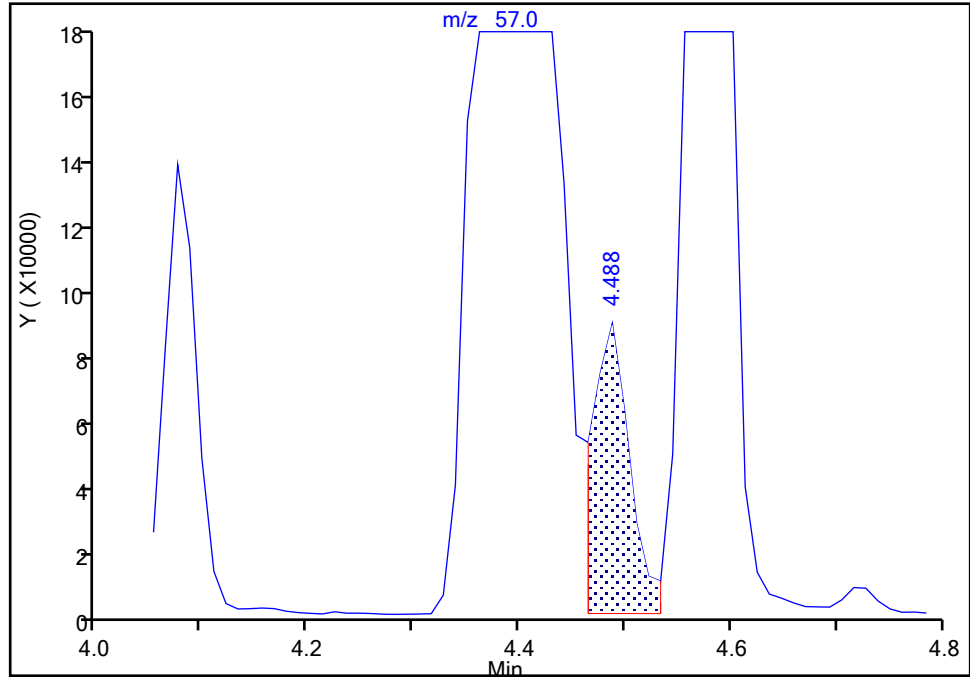
Detector: MS Quad

**64 Isooctane, CAS: 540-84-1**

Signal: 1

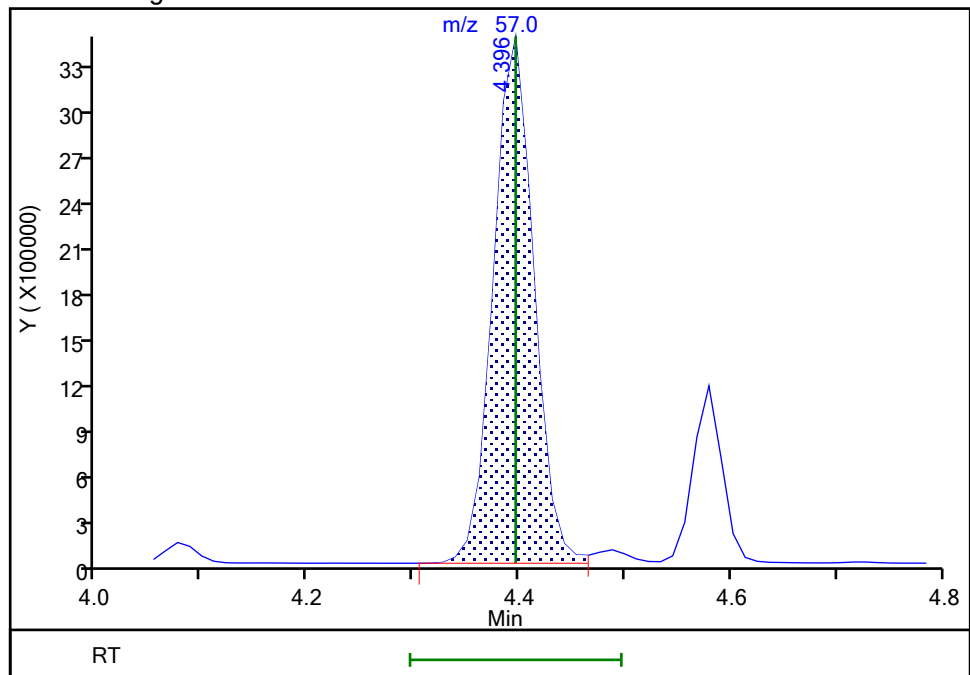
RT: 4.49  
Area: 223444  
Amount: 15.570146  
Amount Units: ug/l

## Processing Integration Results



RT: 4.40  
Area: 9255580  
Amount: 533.1092  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:26:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

# Calibration

/ Chlorotrifluoroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

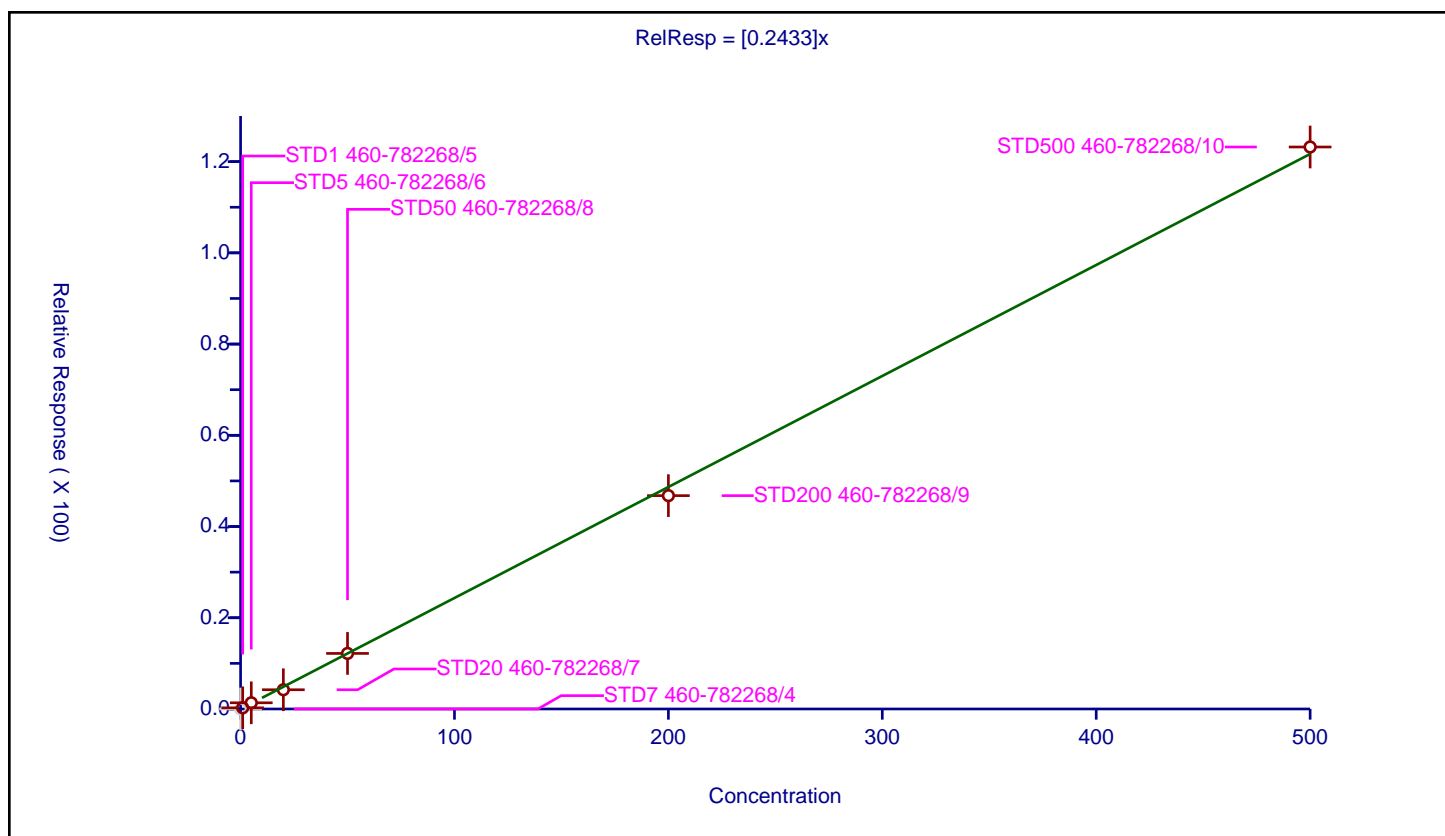
## Curve Coefficients

Intercept: 0  
 Slope: 0.2433

## Error Coefficients

Standard Error: 602000  
 Relative Standard Error: 8.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.253027	50.0	435131.0	0.253027	Y
3	STD5 460-782268/6	5.0	1.361118	50.0	413998.0	0.272224	Y
4	STD20 460-782268/7	20.0	4.219766	50.0	424597.0	0.210988	Y
5	STD50 460-782268/8	50.0	12.178364	50.0	442231.0	0.243567	Y
6	STD200 460-782268/9	200.0	46.770361	50.0	478041.0	0.233852	Y
7	STD500 460-782268/10	500.0	123.207989	50.0	513571.0	0.246416	Y



# Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

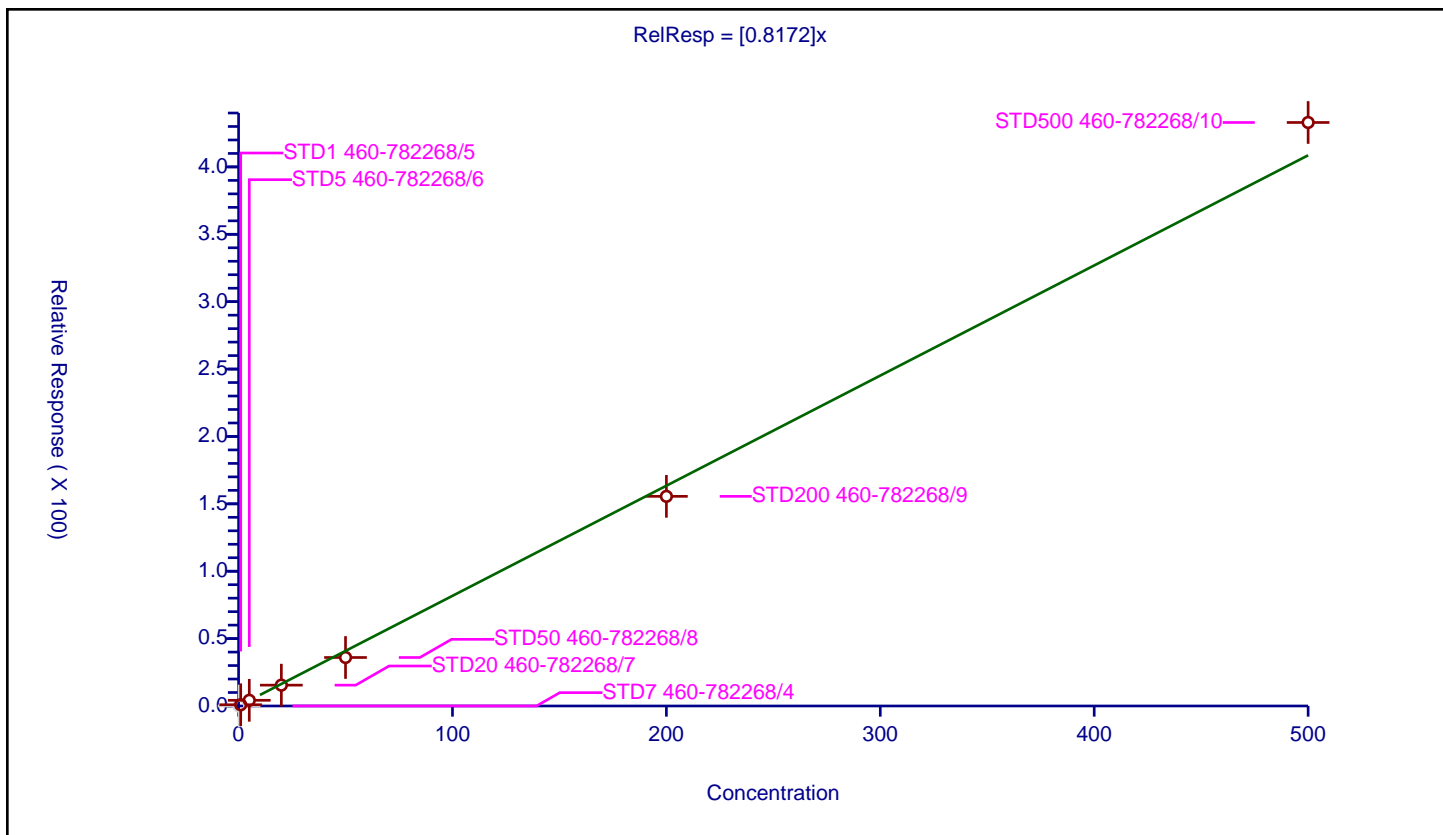
## Curve Coefficients

Intercept: 0  
 Slope: 0.8172

## Error Coefficients

Standard Error: 2100000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.0	50.0	433881.0	0.0	N
2	STD1 460-782268/5	1.0	0.919723	50.0	435131.0	0.919723	Y
3	STD5 460-782268/6	5.0	4.234441	50.0	413998.0	0.846888	Y
4	STD20 460-782268/7	20.0	15.473378	50.0	424597.0	0.773669	Y
5	STD50 460-782268/8	50.0	35.974977	50.0	442231.0	0.7195	Y
6	STD200 460-782268/9	200.0	155.549629	50.0	478041.0	0.777748	Y
7	STD500 460-782268/10	500.0	432.977329	50.0	513571.0	0.865955	Y



## Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

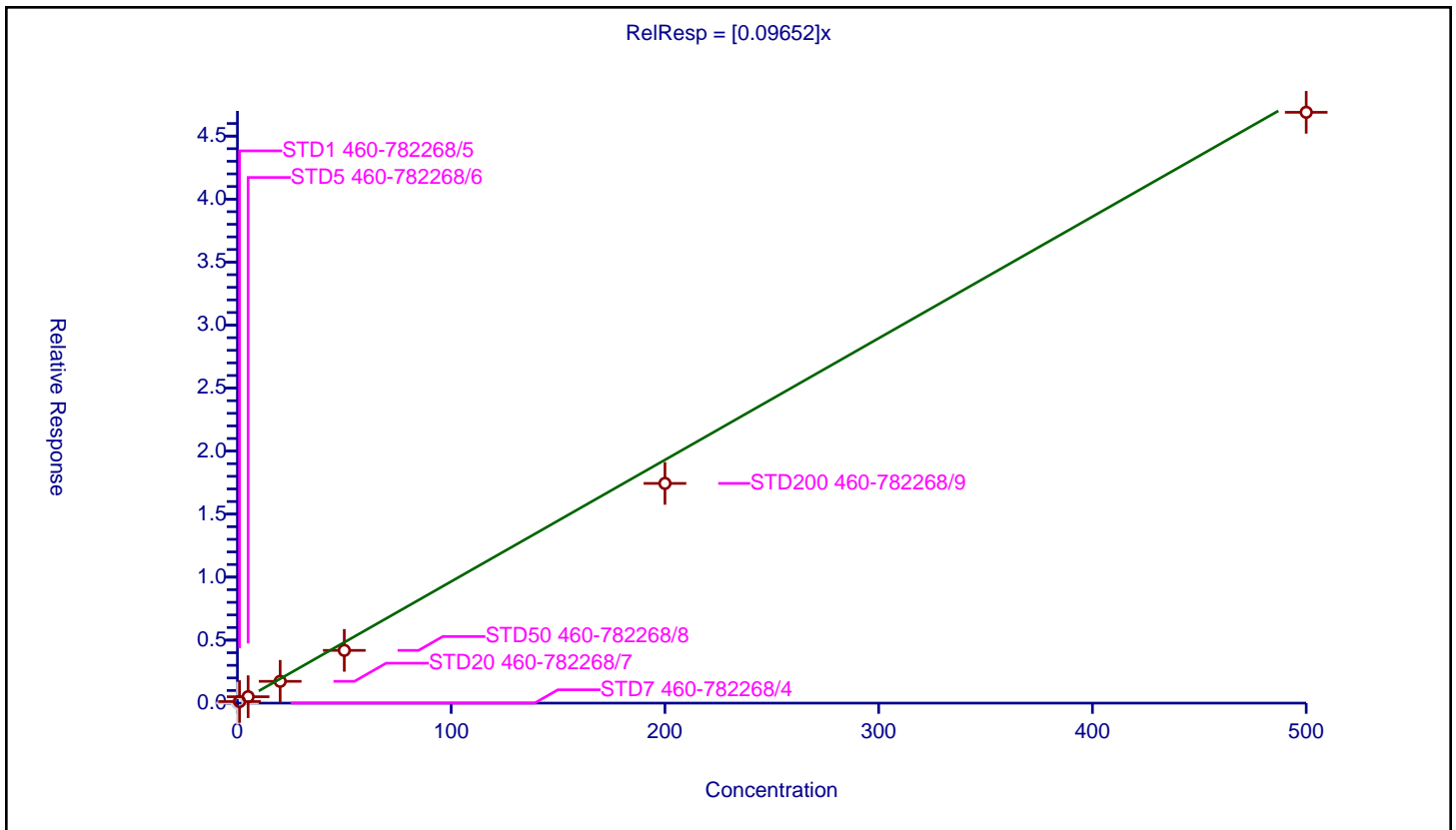
### Curve Coefficients

Intercept: 0  
 Slope: 0.09652

### Error Coefficients

Standard Error: 229000  
 Relative Standard Error: 16.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.126284	50.0	435131.0	0.126284	Y
3	STD5 460-782268/6	5.0	0.508215	50.0	413998.0	0.101643	Y
4	STD20 460-782268/7	20.0	1.729758	50.0	424597.0	0.086488	Y
5	STD50 460-782268/8	50.0	4.1865	50.0	442231.0	0.08373	Y
6	STD200 460-782268/9	200.0	17.435534	50.0	478041.0	0.087178	Y
7	STD500 460-782268/10	500.0	46.888259	50.0	513571.0	0.093777	Y



# Calibration

/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

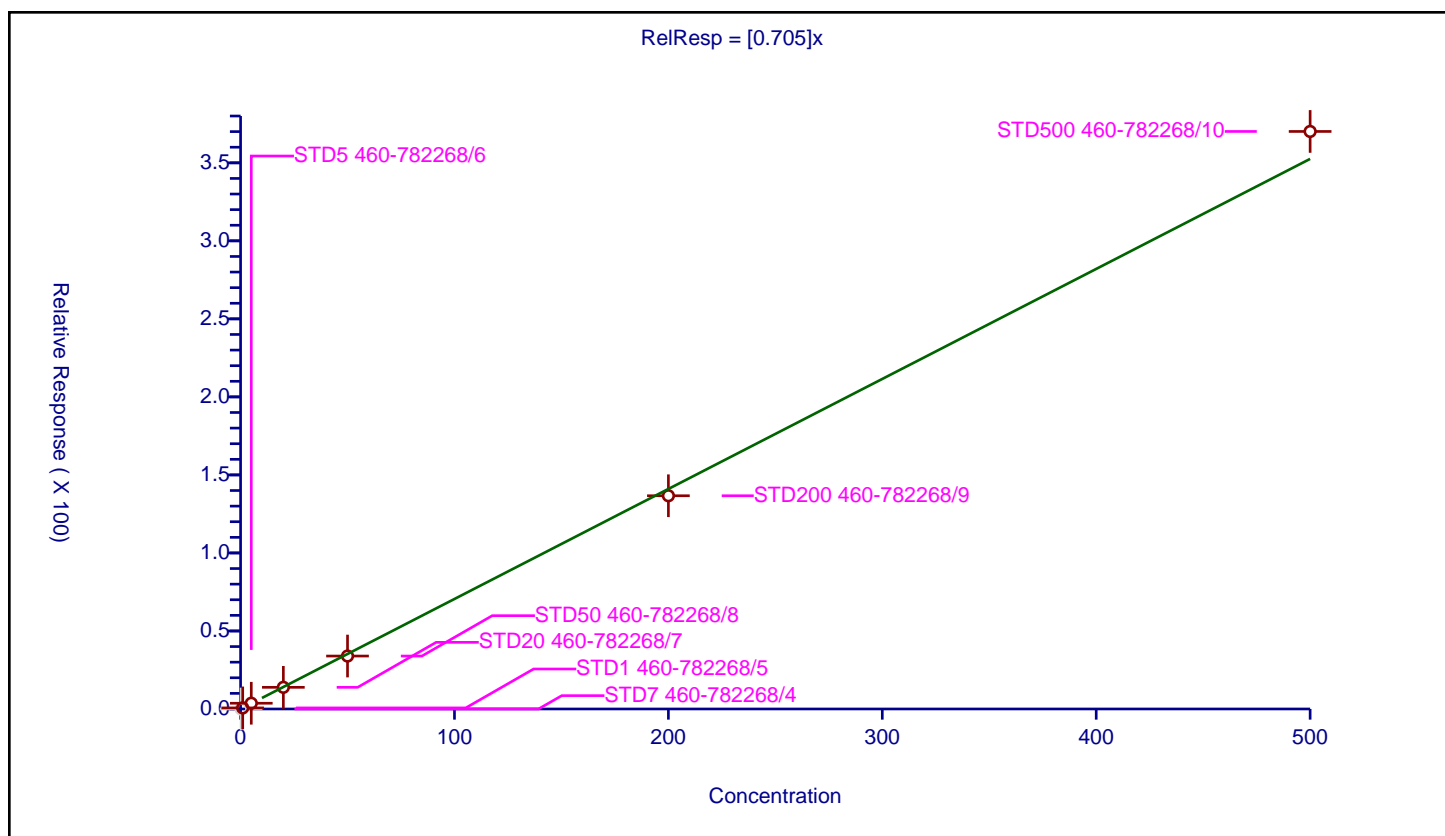
## Curve Coefficients

Intercept: 0  
 Slope: 0.705

## Error Coefficients

Standard Error: 1800000  
 Relative Standard Error: 3.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.0	50.0	433881.0	0.0	N
2	STD1 460-782268/5	1.0	0.698066	50.0	435131.0	0.698066	Y
3	STD5 460-782268/6	5.0	3.677071	50.0	413998.0	0.735414	Y
4	STD20 460-782268/7	20.0	13.89235	50.0	424597.0	0.694617	Y
5	STD50 460-782268/8	50.0	33.928874	50.0	442231.0	0.678577	Y
6	STD200 460-782268/9	200.0	136.651354	50.0	478041.0	0.683257	Y
7	STD500 460-782268/10	500.0	370.109196	50.0	513571.0	0.740218	Y





# Calibration

/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

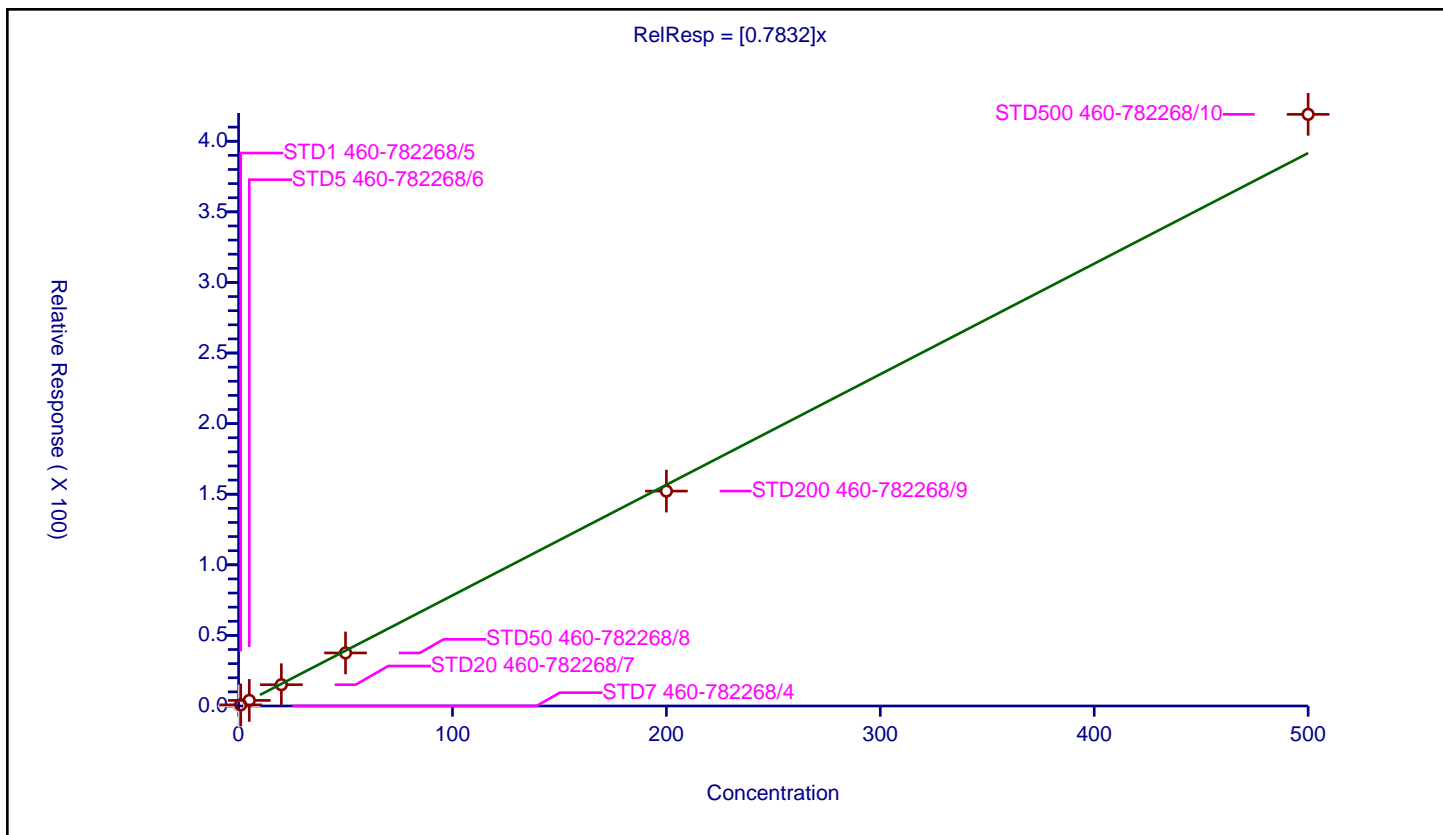
## Curve Coefficients

Intercept: 0  
 Slope: 0.7832

## Error Coefficients

Standard Error: 2040000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.0	50.0	433881.0	0.0	N
2	STD1 460-782268/5	1.0	0.803436	50.0	435131.0	0.803436	Y
3	STD5 460-782268/6	5.0	3.954608	50.0	413998.0	0.790922	Y
4	STD20 460-782268/7	20.0	15.085363	50.0	424597.0	0.754268	Y
5	STD50 460-782268/8	50.0	37.576402	50.0	442231.0	0.751528	Y
6	STD200 460-782268/9	200.0	152.209957	50.0	478041.0	0.76105	Y
7	STD500 460-782268/10	500.0	419.058124	50.0	513571.0	0.838116	Y



# Calibration

/ Butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

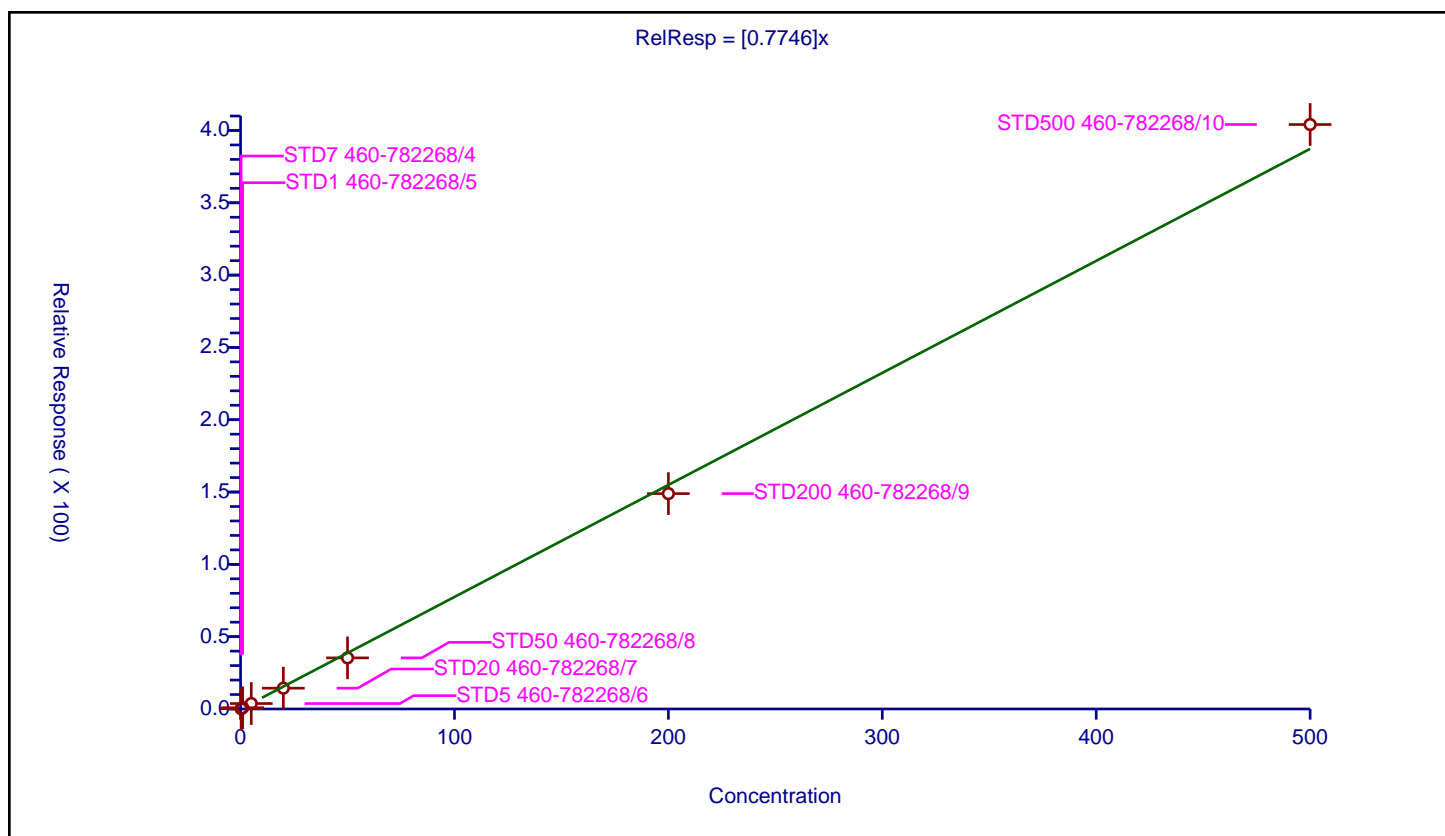
## Curve Coefficients

Intercept: 0  
 Slope: 0.7746

## Error Coefficients

Standard Error: 1800000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.209965	50.0	433881.0	0.839862	Y
2	STD1 460-782268/5	1.0	0.849284	50.0	435131.0	0.849284	Y
3	STD5 460-782268/6	5.0	3.77055	50.0	413998.0	0.75411	Y
4	STD20 460-782268/7	20.0	14.384934	50.0	424597.0	0.719247	Y
5	STD50 460-782268/8	50.0	35.343972	50.0	442231.0	0.706879	Y
6	STD200 460-782268/9	200.0	148.910135	50.0	478041.0	0.744551	Y
7	STD500 460-782268/10	500.0	404.114037	50.0	513571.0	0.808228	Y



# Calibration

/ Bromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

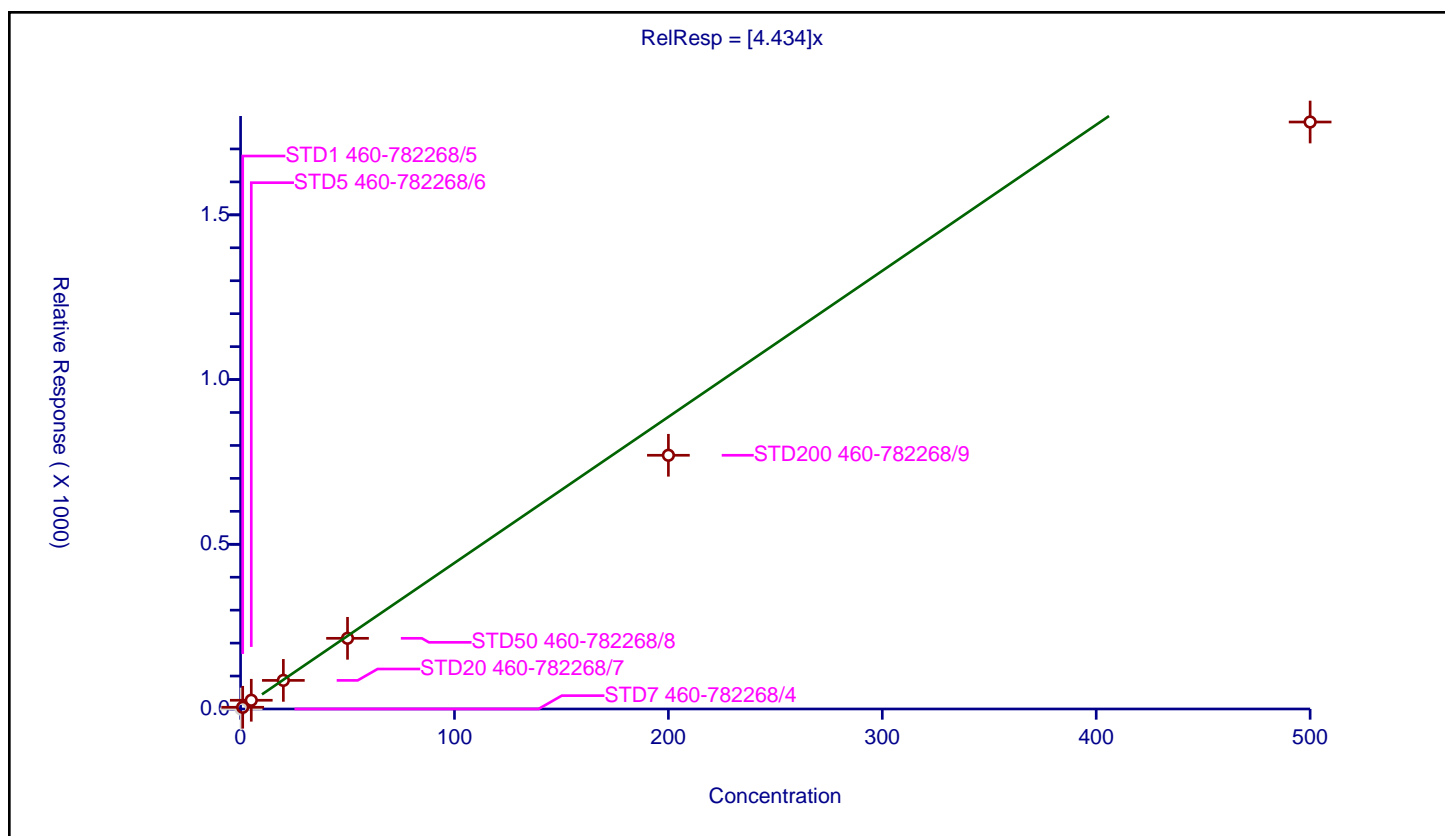
## Curve Coefficients

Intercept: 0  
 Slope: 4.434

## Error Coefficients

Standard Error: 1220000  
 Relative Standard Error: 16.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.0	250.0	210384.0	0.0	N
2	STD1 460-782268/5	1.0	5.250232	250.0	218657.0	5.250232	Y
3	STD5 460-782268/6	5.0	26.522583	250.0	197756.0	5.304517	Y
4	STD20 460-782268/7	20.0	86.823348	250.0	230085.0	4.341167	Y
5	STD50 460-782268/8	50.0	214.585074	250.0	242899.0	4.291701	Y
6	STD200 460-782268/9	200.0	770.158905	250.0	299235.0	3.850795	Y
7	STD500 460-782268/10	500.0	1781.788348	250.0	360478.0	3.563577	Y



## Calibration

/ Chloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

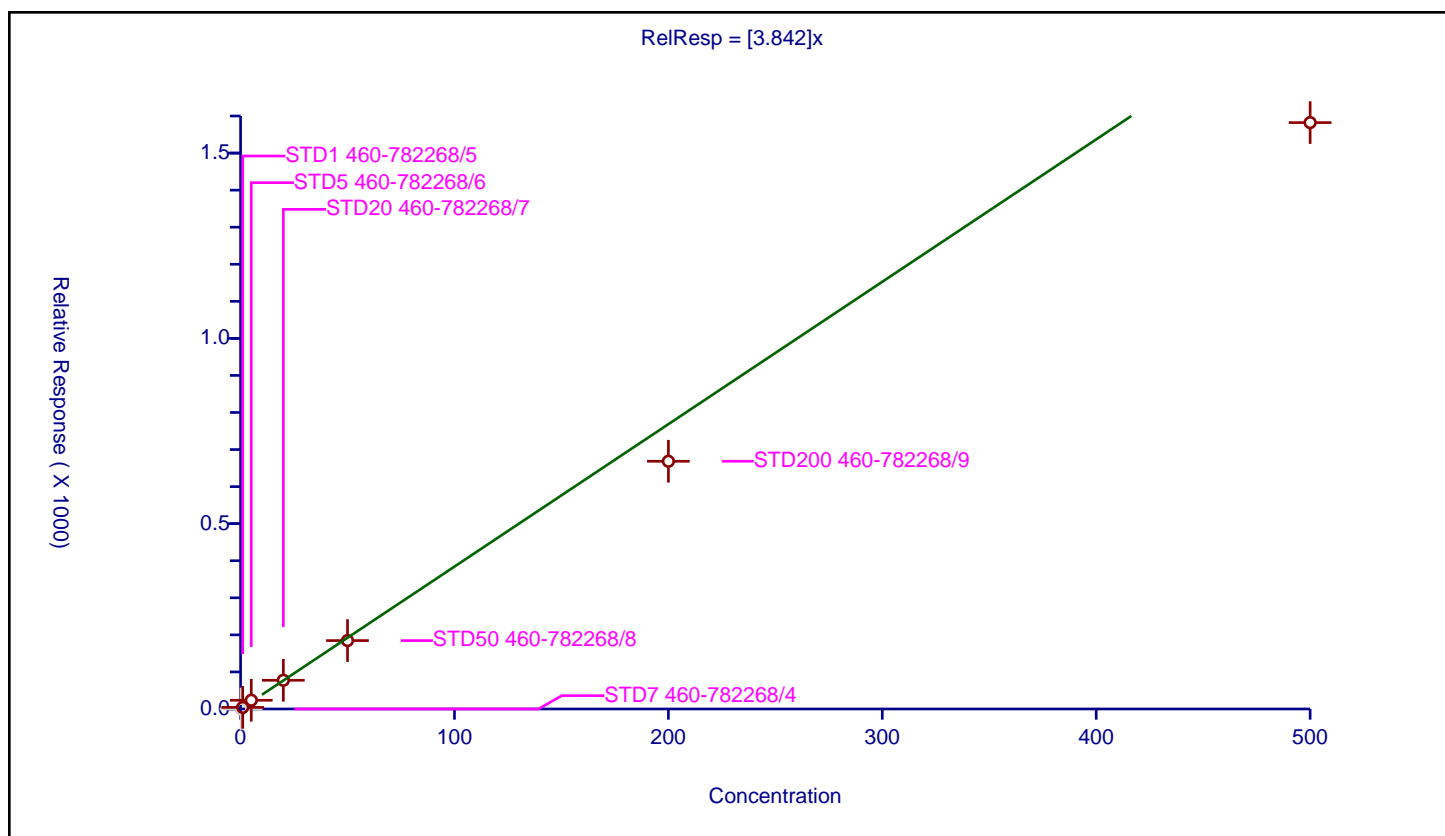
## Curve Coefficients

Intercept: 0  
Slope: 3.842

## Error Coefficients

Standard Error: 1080000  
Relative Standard Error: 15.0  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.0	250.0	210384.0	0.0	N
2	STD1 460-782268/5	1.0	4.270387	250.0	218657.0	4.270387	Y
3	STD5 460-782268/6	5.0	23.555543	250.0	197756.0	4.711109	Y
4	STD20 460-782268/7	20.0	77.486581	250.0	230085.0	3.874329	Y
5	STD50 460-782268/8	50.0	184.605536	250.0	242899.0	3.692111	Y
6	STD200 460-782268/9	200.0	668.447875	250.0	299235.0	3.342239	Y
7	STD500 460-782268/10	500.0	1582.251205	250.0	360478.0	3.164502	Y



# Calibration

/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

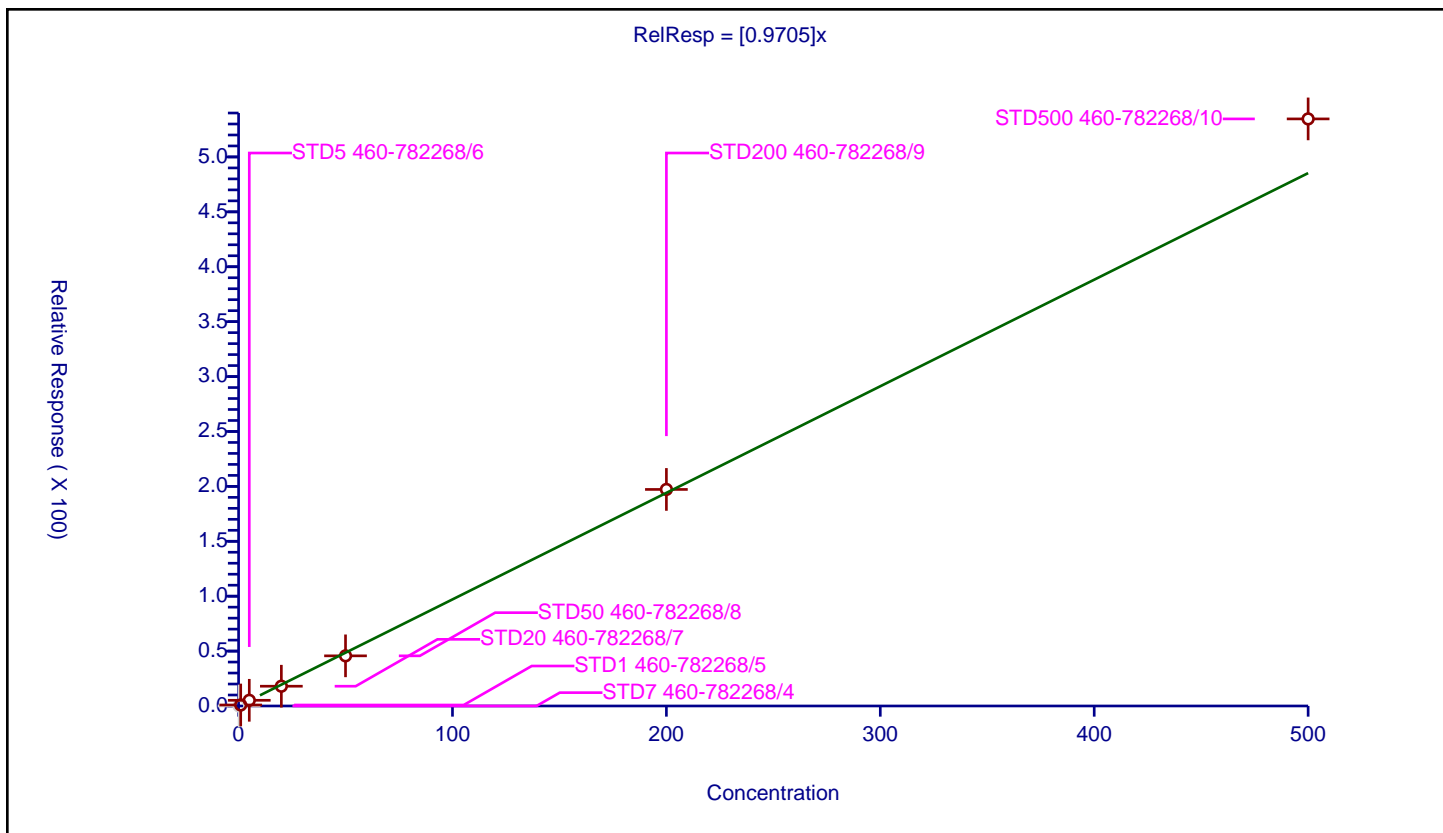
## Curve Coefficients

Intercept: 0  
 Slope: 0.9705

## Error Coefficients

Standard Error: 2600000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.0	50.0	433881.0	0.0	N
2	STD1 460-782268/5	1.0	0.915701	50.0	435131.0	0.915701	Y
3	STD5 460-782268/6	5.0	5.194832	50.0	413998.0	1.038966	Y
4	STD20 460-782268/7	20.0	17.998832	50.0	424597.0	0.899942	Y
5	STD50 460-782268/8	50.0	45.661091	50.0	442231.0	0.913222	Y
6	STD200 460-782268/9	200.0	197.20275	50.0	478041.0	0.986014	Y
7	STD500 460-782268/10	500.0	534.623937	50.0	513571.0	1.069248	Y



# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

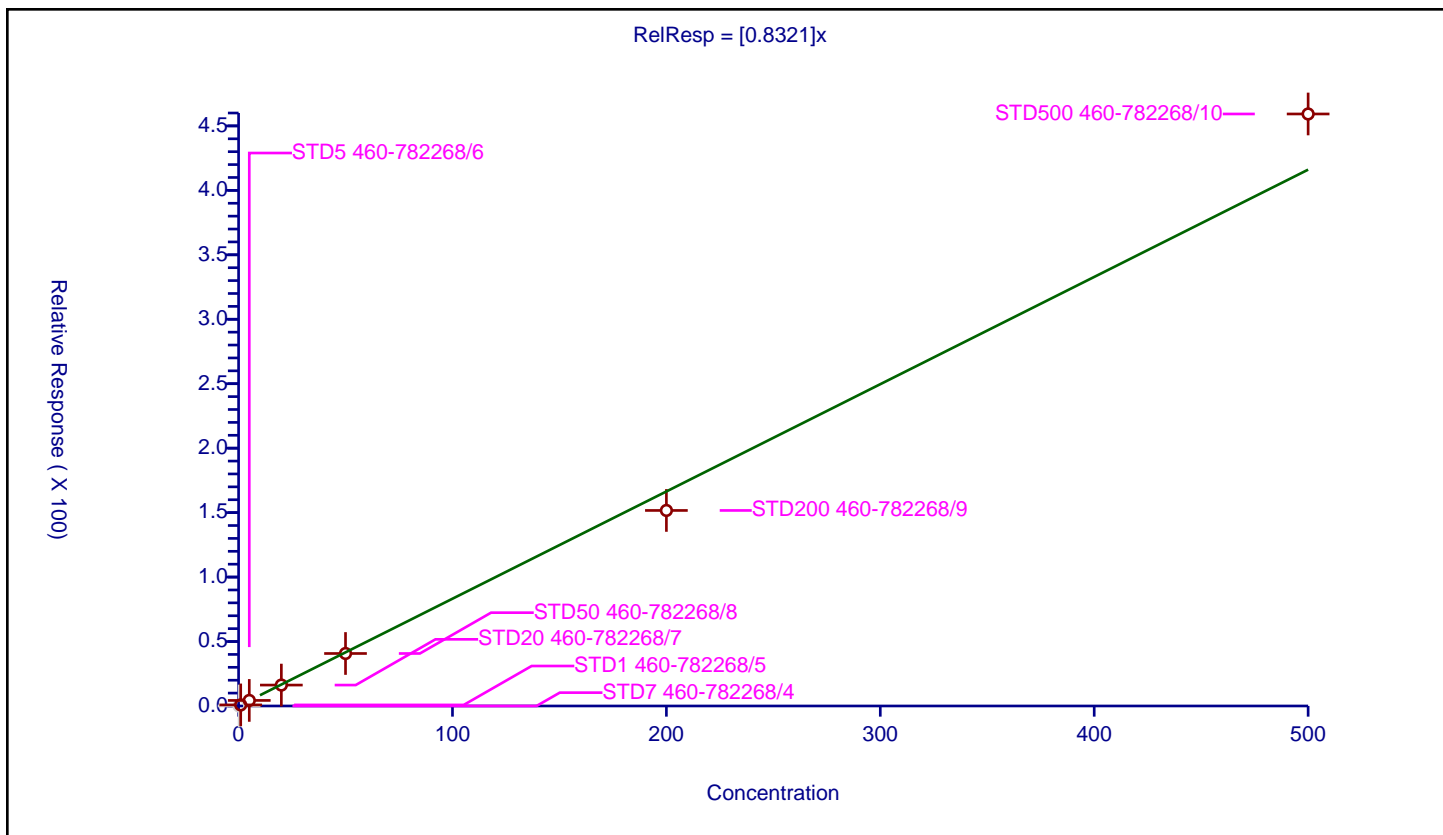
## Curve Coefficients

Intercept: 0  
 Slope: 0.8321

## Error Coefficients

Standard Error: 2210000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 0.992  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.25	0.0	50.0	433881.0	0.0	N
2	STD1 460-782268/5	1.0	0.828716	50.0	435131.0	0.828716	Y
3	STD5 460-782268/6	5.0	4.305335	50.0	413998.0	0.861067	Y
4	STD20 460-782268/7	20.0	16.233275	50.0	424597.0	0.811664	Y
5	STD50 460-782268/8	50.0	40.714016	50.0	442231.0	0.81428	Y
6	STD200 460-782268/9	200.0	151.68176	50.0	478041.0	0.758409	Y
7	STD500 460-782268/10	500.0	459.255974	50.0	513571.0	0.918512	Y



# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

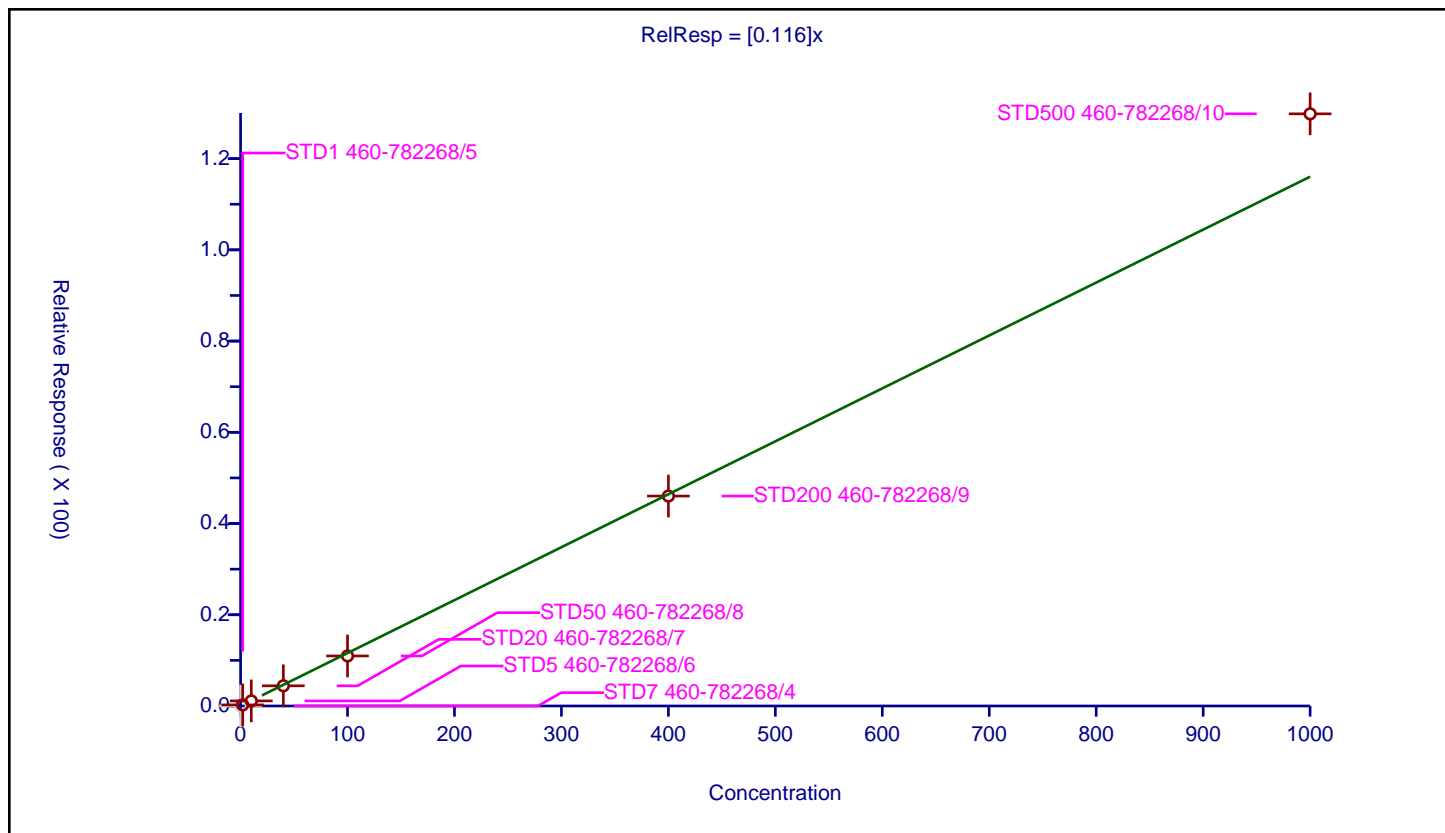
## Curve Coefficients

Intercept: 0  
 Slope: 0.116

## Error Coefficients

Standard Error: 630000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	2.0	0.238779	50.0	435131.0	0.119389	Y
3	STD5 460-782268/6	10.0	1.116551	50.0	413998.0	0.111655	Y
4	STD20 460-782268/7	40.0	4.424666	50.0	424597.0	0.110617	Y
5	STD50 460-782268/8	100.0	10.96938	50.0	442231.0	0.109694	Y
6	STD200 460-782268/9	400.0	46.026178	50.0	478041.0	0.115065	Y
7	STD500 460-782268/10	1000.0	129.816617	50.0	513571.0	0.129817	Y



# Calibration

/ Ethanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

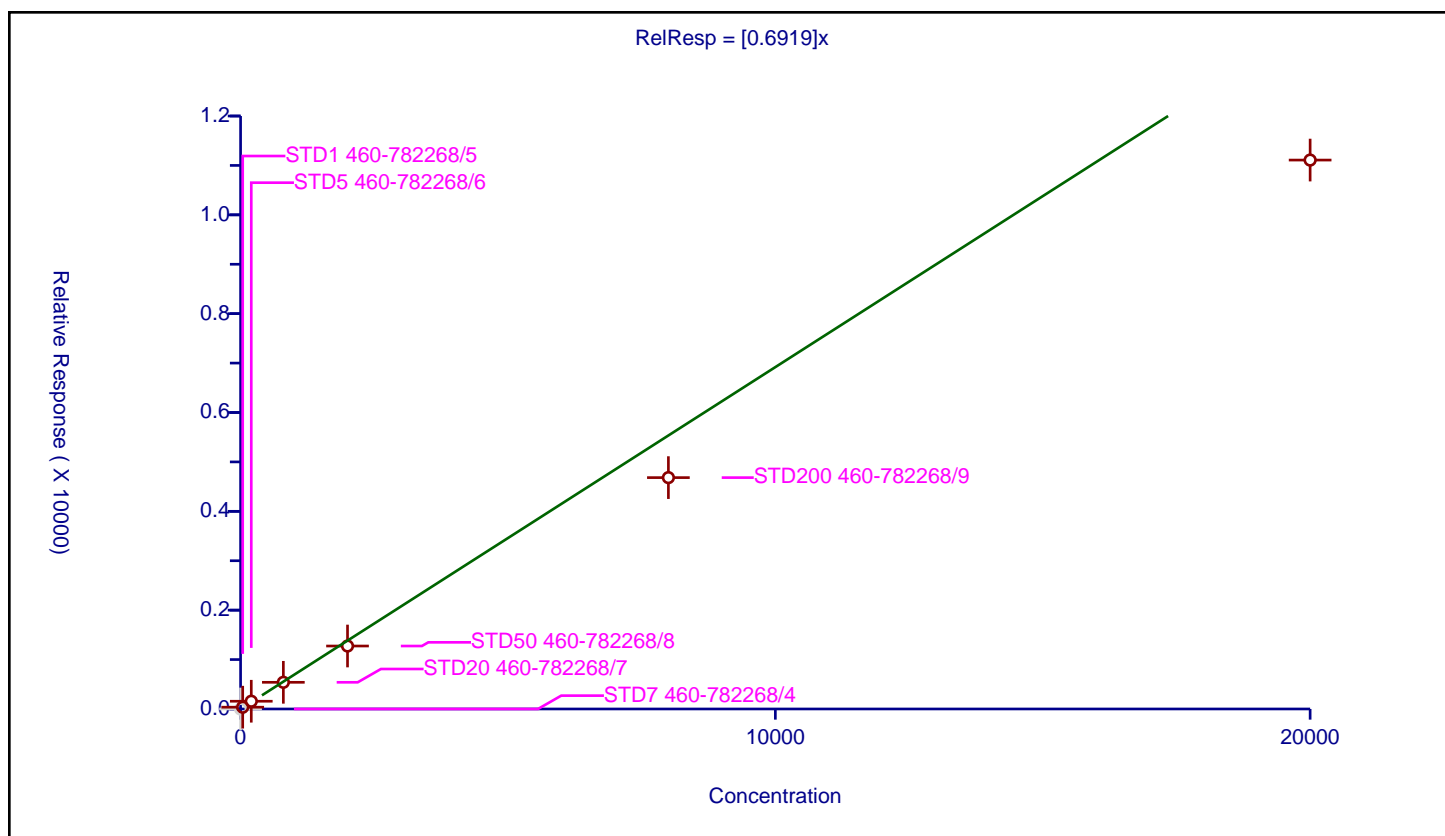
## Curve Coefficients

Intercept: 0  
 Slope: 0.6919

## Error Coefficients

Standard Error: 303000  
 Relative Standard Error: 19.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	34954.0	NaN	N
2	STD1 460-782268/5	40.0	36.536524	1000.0	38701.0	0.913413	Y
3	STD5 460-782268/6	200.0	156.975479	1000.0	32177.0	0.784877	Y
4	STD20 460-782268/7	800.0	539.890476	1000.0	37252.0	0.674863	Y
5	STD50 460-782268/8	2000.0	1274.569245	1000.0	38595.0	0.637285	Y
6	STD200 460-782268/9	8000.0	4682.27572	1000.0	47686.0	0.585284	Y
7	STD500 460-782268/10	20000.0	11108.691217	1000.0	58818.0	0.555435	Y





# Calibration

/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

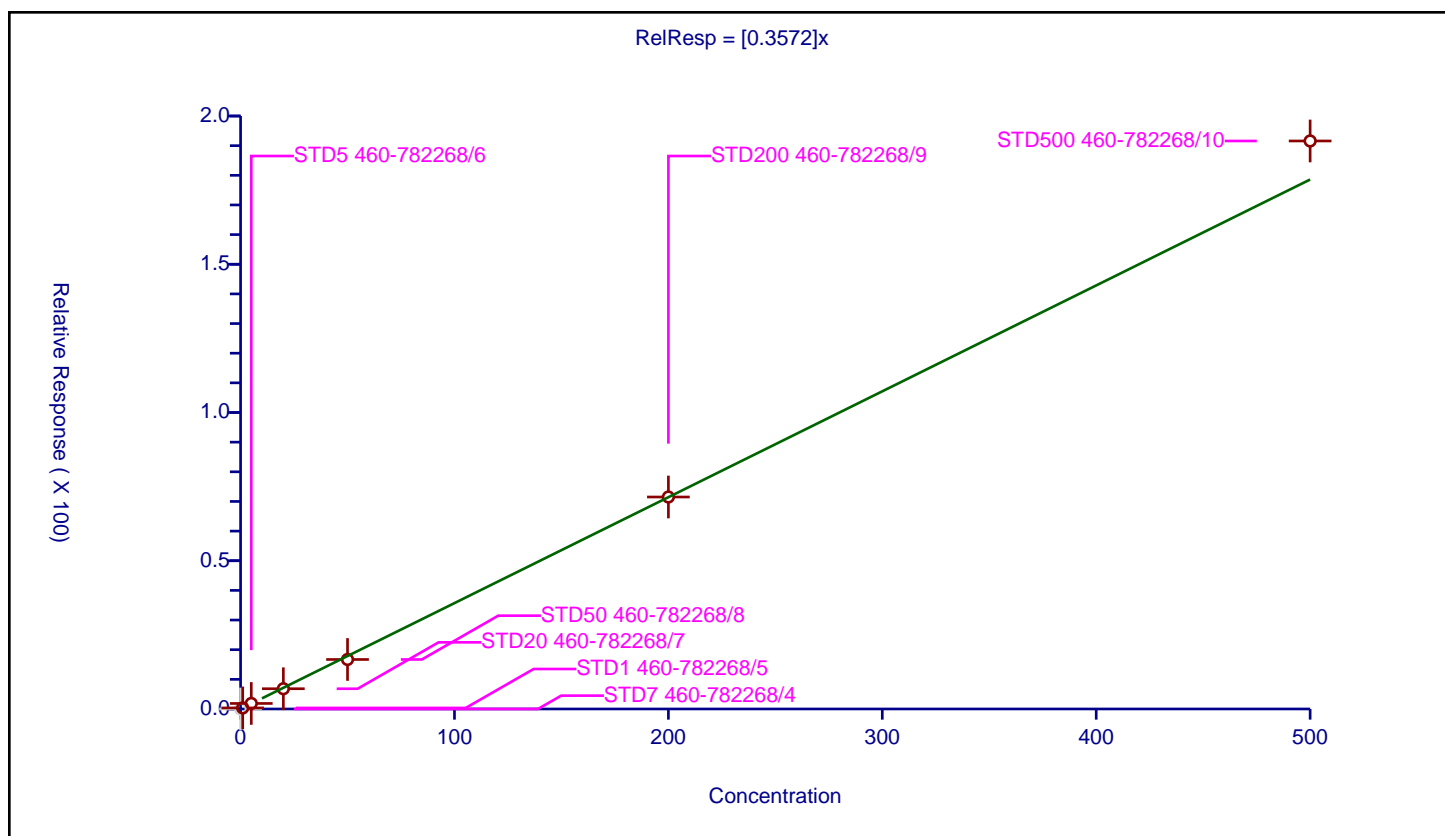
## Curve Coefficients

Intercept: 0  
 Slope: 0.3572

## Error Coefficients

Standard Error: 934000  
 Relative Standard Error: 5.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.353457	50.0	435131.0	0.353457	Y
3	STD5 460-782268/6	5.0	1.867642	50.0	413998.0	0.373528	Y
4	STD20 460-782268/7	20.0	6.827651	50.0	424597.0	0.341383	Y
5	STD50 460-782268/8	50.0	16.69546	50.0	442231.0	0.333909	Y
6	STD200 460-782268/9	200.0	71.497947	50.0	478041.0	0.35749	Y
7	STD500 460-782268/10	500.0	191.583734	50.0	513571.0	0.383167	Y



# Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

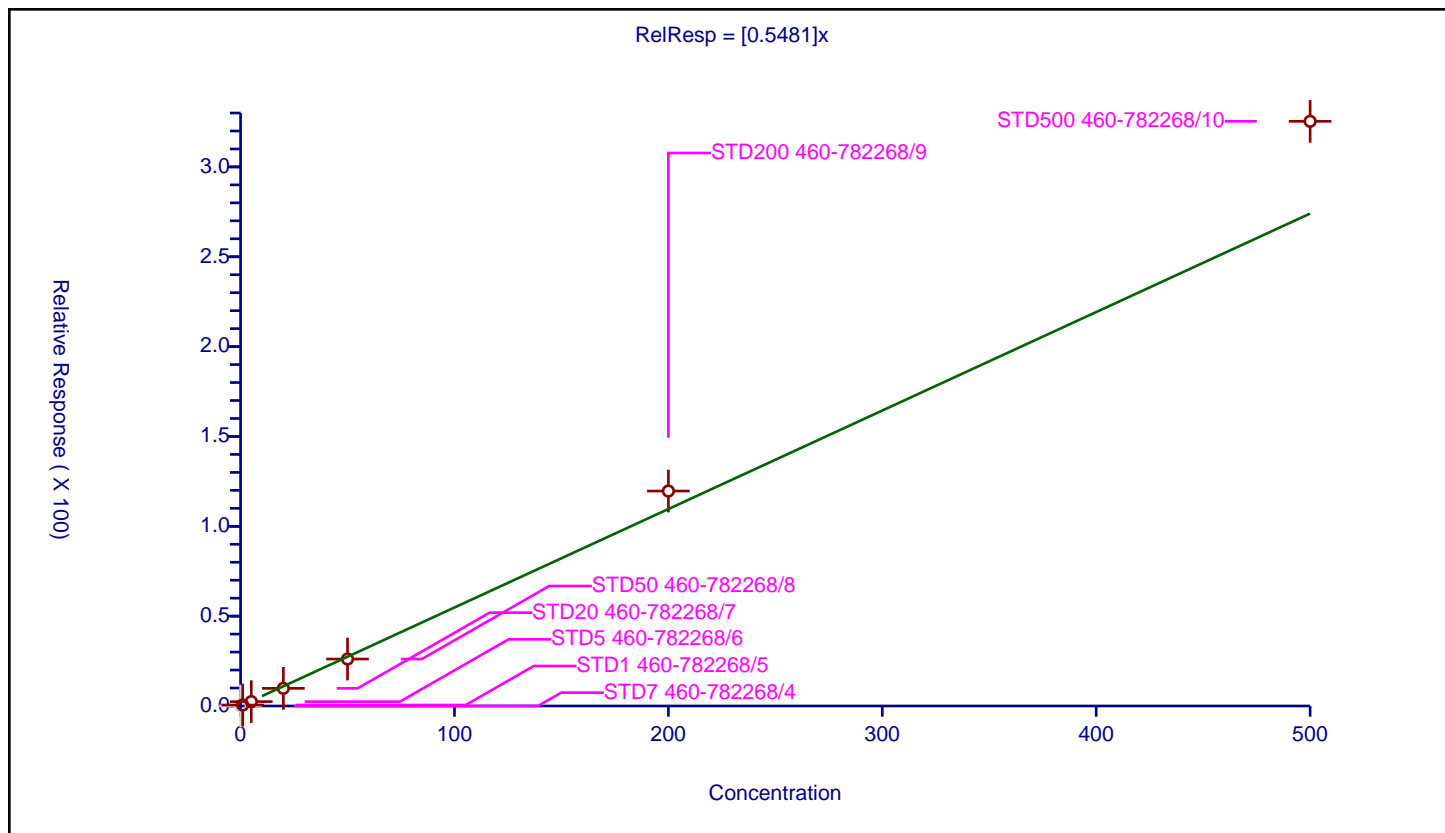
## Curve Coefficients

Intercept: 0  
 Slope: 0.5481

## Error Coefficients

Standard Error: 1580000  
 Relative Standard Error: 11.9  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.541906	50.0	435131.0	0.541906	Y
3	STD5 460-782268/6	5.0	2.42006	50.0	413998.0	0.484012	Y
4	STD20 460-782268/7	20.0	9.821548	50.0	424597.0	0.491077	Y
5	STD50 460-782268/8	50.0	26.128991	50.0	442231.0	0.52258	Y
6	STD200 460-782268/9	200.0	119.625827	50.0	478041.0	0.598129	Y
7	STD500 460-782268/10	500.0	325.390063	50.0	513571.0	0.65078	Y



# Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

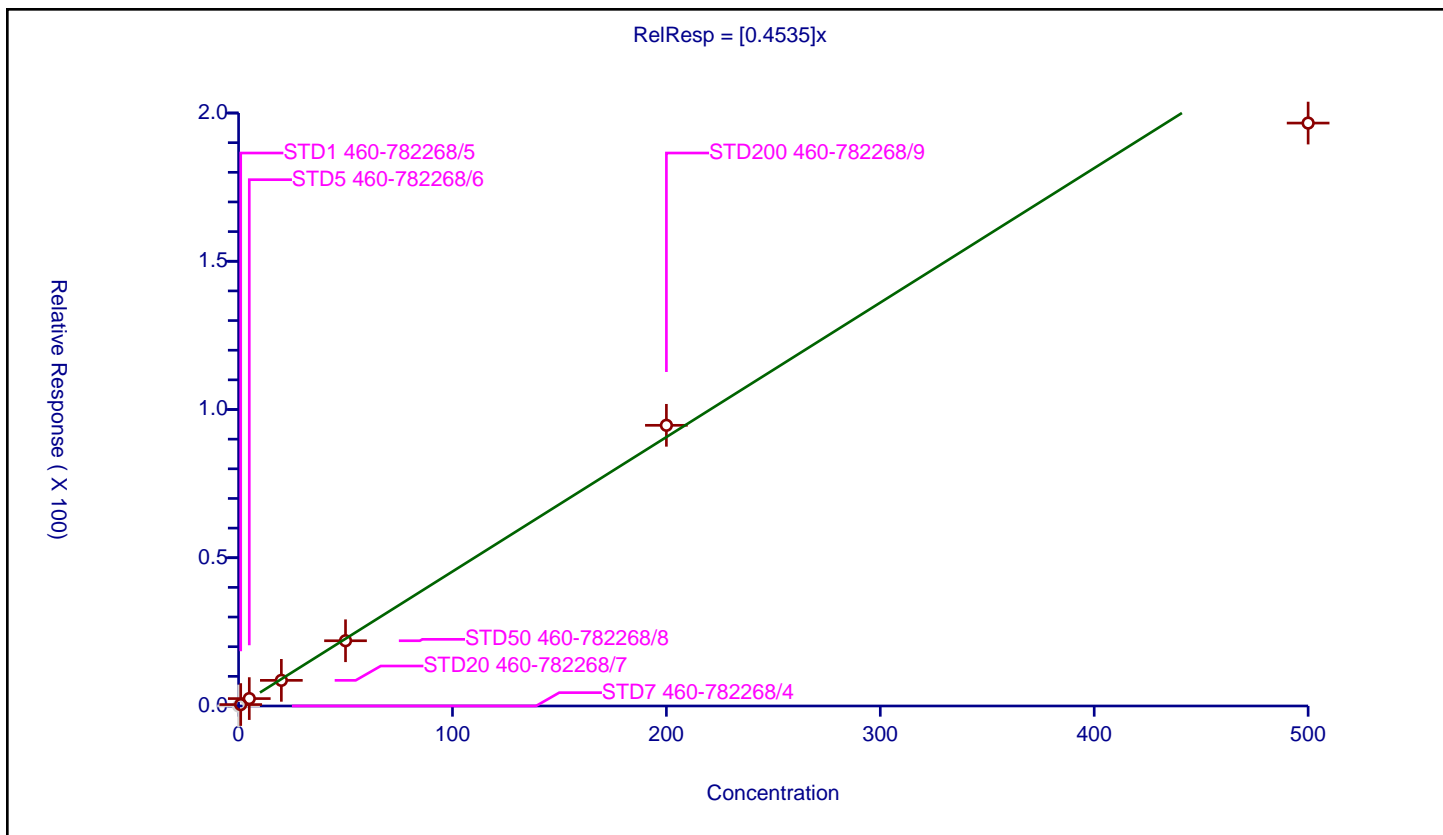
## Curve Coefficients

Intercept: 0  
 Slope: 0.4535

## Error Coefficients

Standard Error: 994000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.482843	50.0	435131.0	0.482843	Y
3	STD5 460-782268/6	5.0	2.49651	50.0	413998.0	0.499302	Y
4	STD20 460-782268/7	20.0	8.644197	50.0	424597.0	0.43221	Y
5	STD50 460-782268/8	50.0	22.008747	50.0	442231.0	0.440175	Y
6	STD200 460-782268/9	200.0	94.670855	50.0	478041.0	0.473354	Y
7	STD500 460-782268/10	500.0	196.606506	50.0	513571.0	0.393213	Y



# Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

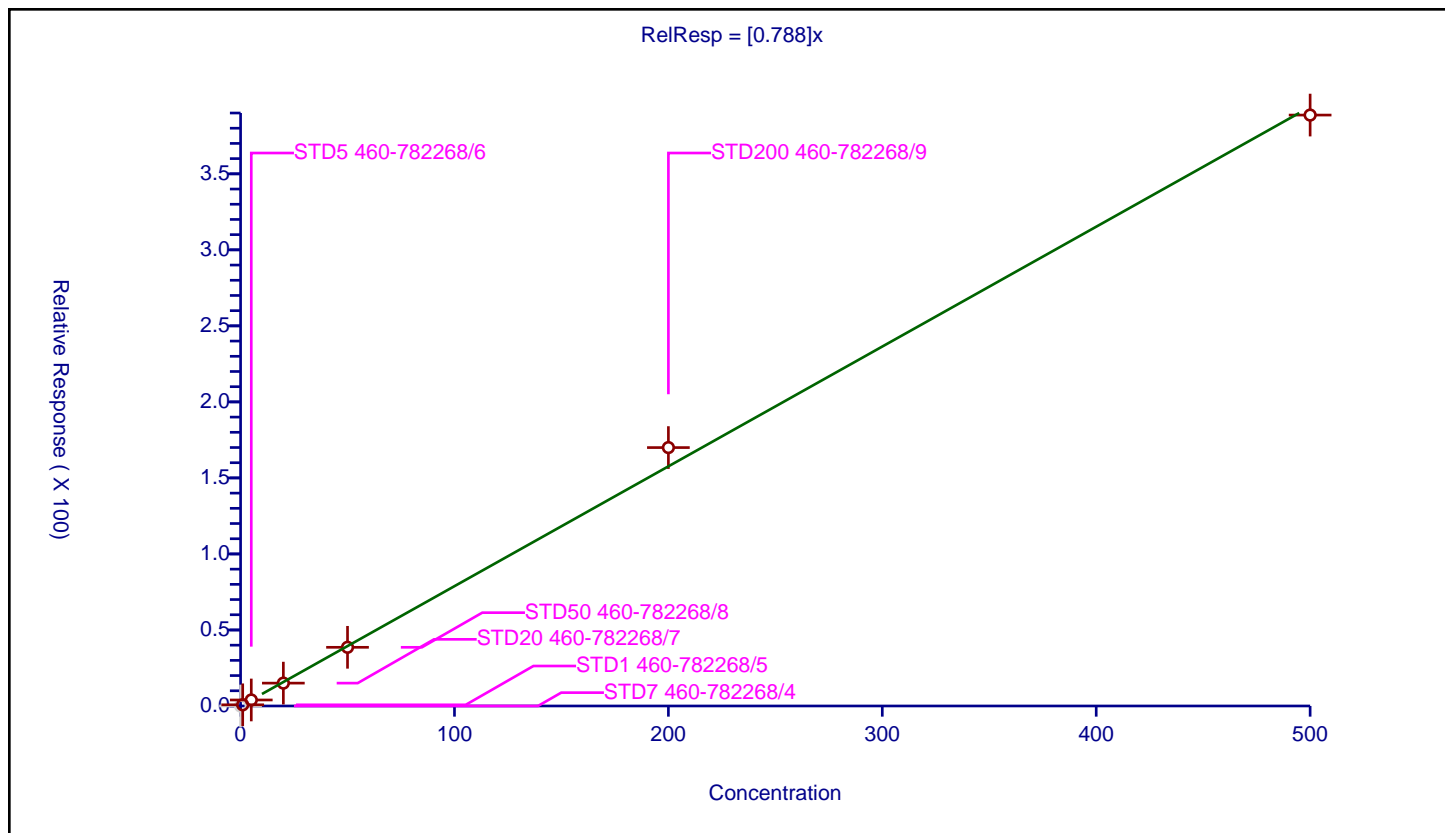
## Curve Coefficients

Intercept: 0  
 Slope: 0.788

## Error Coefficients

Standard Error: 1930000  
 Relative Standard Error: 4.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.787694	50.0	435131.0	0.787694	Y
3	STD5 460-782268/6	5.0	3.946517	50.0	413998.0	0.789303	Y
4	STD20 460-782268/7	20.0	15.046738	50.0	424597.0	0.752337	Y
5	STD50 460-782268/8	50.0	38.587186	50.0	442231.0	0.771744	Y
6	STD200 460-782268/9	200.0	169.957807	50.0	478041.0	0.849789	Y
7	STD500 460-782268/10	500.0	388.657459	50.0	513571.0	0.777315	Y



# Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

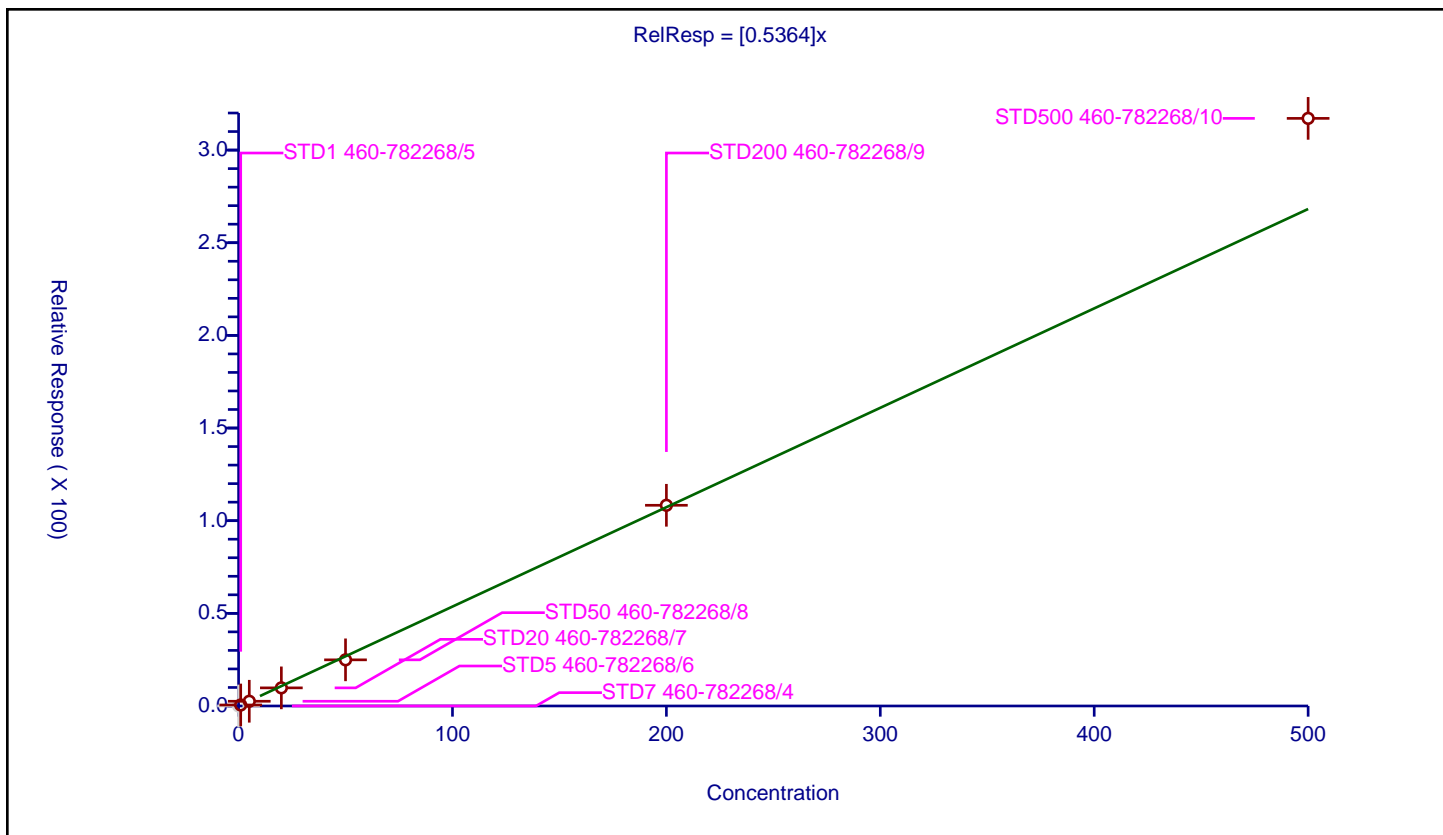
## Curve Coefficients

Intercept: 0  
 Slope: 0.5364

## Error Coefficients

Standard Error: 1530000  
 Relative Standard Error: 9.9  
 Correlation Coefficient: 0.993  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.544549	50.0	435131.0	0.544549	Y
3	STD5 460-782268/6	5.0	2.555689	50.0	413998.0	0.511138	Y
4	STD20 460-782268/7	20.0	9.77786	50.0	424597.0	0.488893	Y
5	STD50 460-782268/8	50.0	24.898752	50.0	442231.0	0.497975	Y
6	STD200 460-782268/9	200.0	108.308911	50.0	478041.0	0.541545	Y
7	STD500 460-782268/10	500.0	317.108151	50.0	513571.0	0.634216	Y



## Calibration

/ Acrolein

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

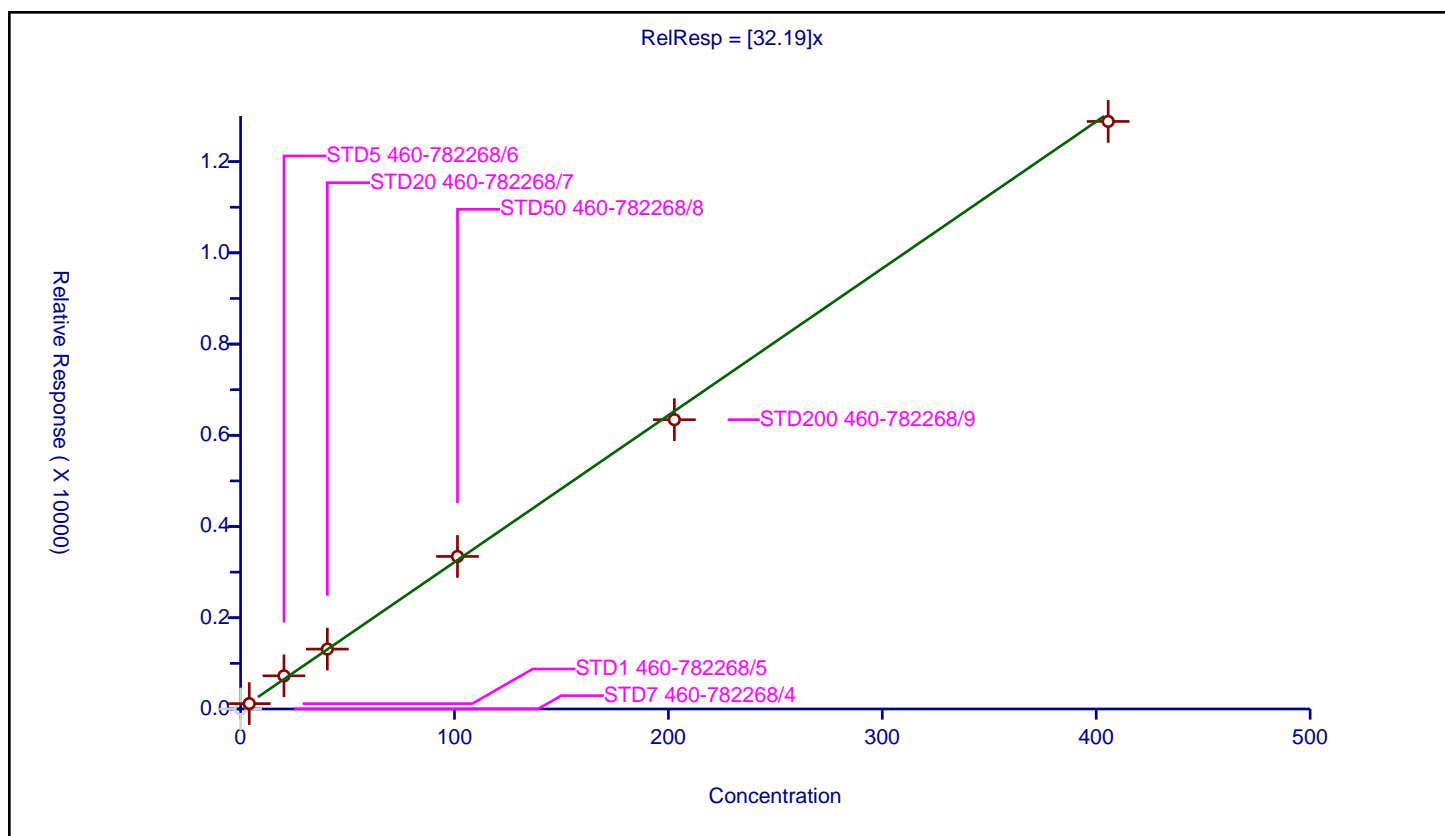
## Curve Coefficients

**Intercept:** 0  
**Slope:** 32.19

## Error Coefficients

**Standard Error:** 363000  
**Relative Standard Error:** 7.0  
**Correlation Coefficient:** 0.988  
**Coefficient of Determination (Adjusted):** 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	34954.0	NaN	N
2	STD1 460-782268/5	4.056	117.361308	1000.0	38701.0	28.935234	Y
3	STD5 460-782268/6	20.28	726.854586	1000.0	32177.0	35.840956	Y
4	STD20 460-782268/7	40.56	1313.298615	1000.0	37252.0	32.379157	Y
5	STD50 460-782268/8	101.4	3344.163752	1000.0	38595.0	32.979919	Y
6	STD200 460-782268/9	202.8	6342.532399	1000.0	47686.0	31.274815	Y
7	STD500 460-782268/10	405.6	12881.413853	1000.0	58818.0	31.75891	Y



# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

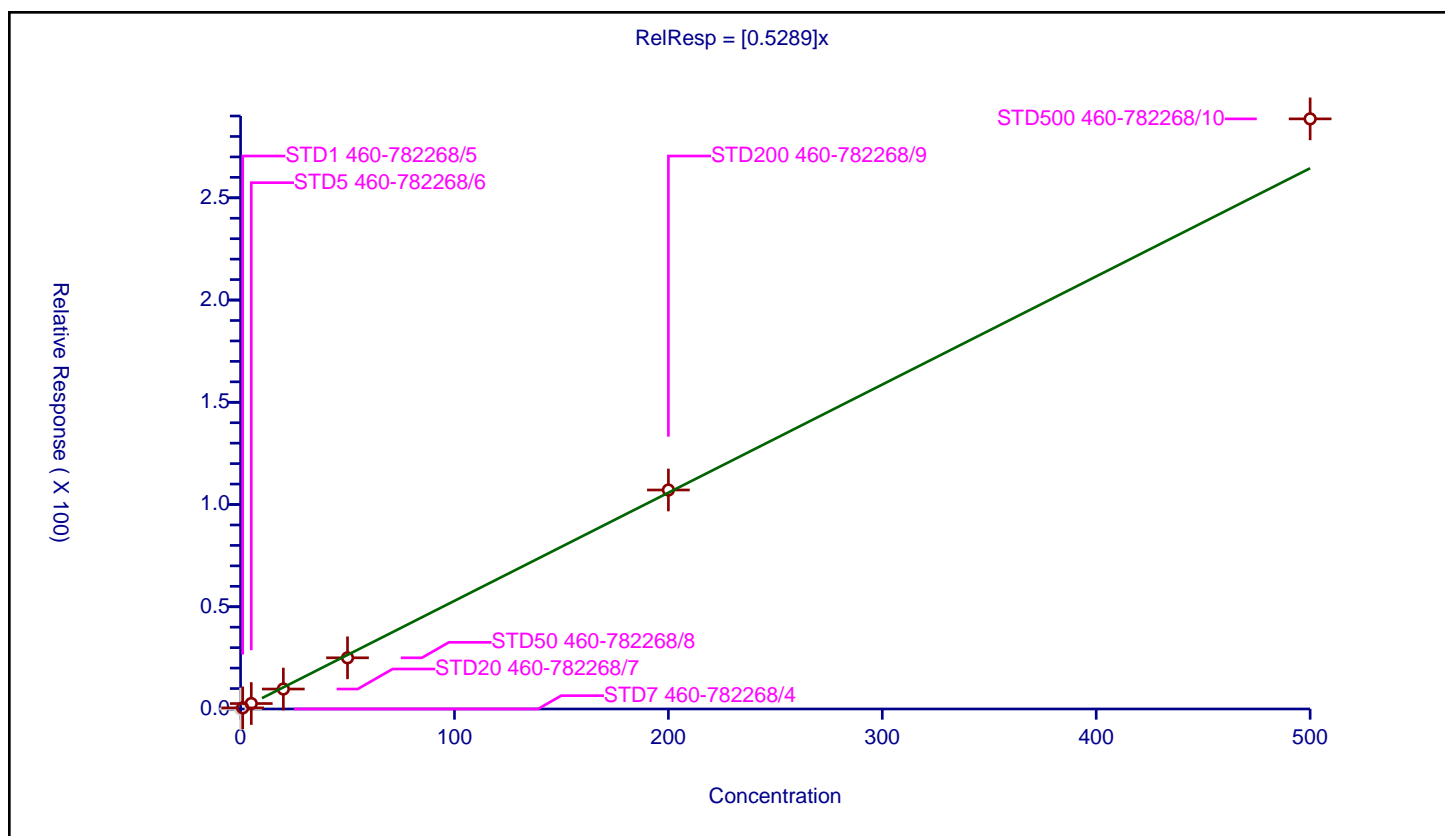
## Curve Coefficients

Intercept: 0  
 Slope: 0.5289

## Error Coefficients

Standard Error: 1410000  
 Relative Standard Error: 6.0  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.539148	50.0	435131.0	0.539148	Y
3	STD5 460-782268/6	5.0	2.664264	50.0	413998.0	0.532853	Y
4	STD20 460-782268/7	20.0	9.7642	50.0	424597.0	0.48821	Y
5	STD50 460-782268/8	50.0	25.029114	50.0	442231.0	0.500582	Y
6	STD200 460-782268/9	200.0	107.098136	50.0	478041.0	0.535491	Y
7	STD500 460-782268/10	500.0	288.603815	50.0	513571.0	0.577208	Y



# Calibration

/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

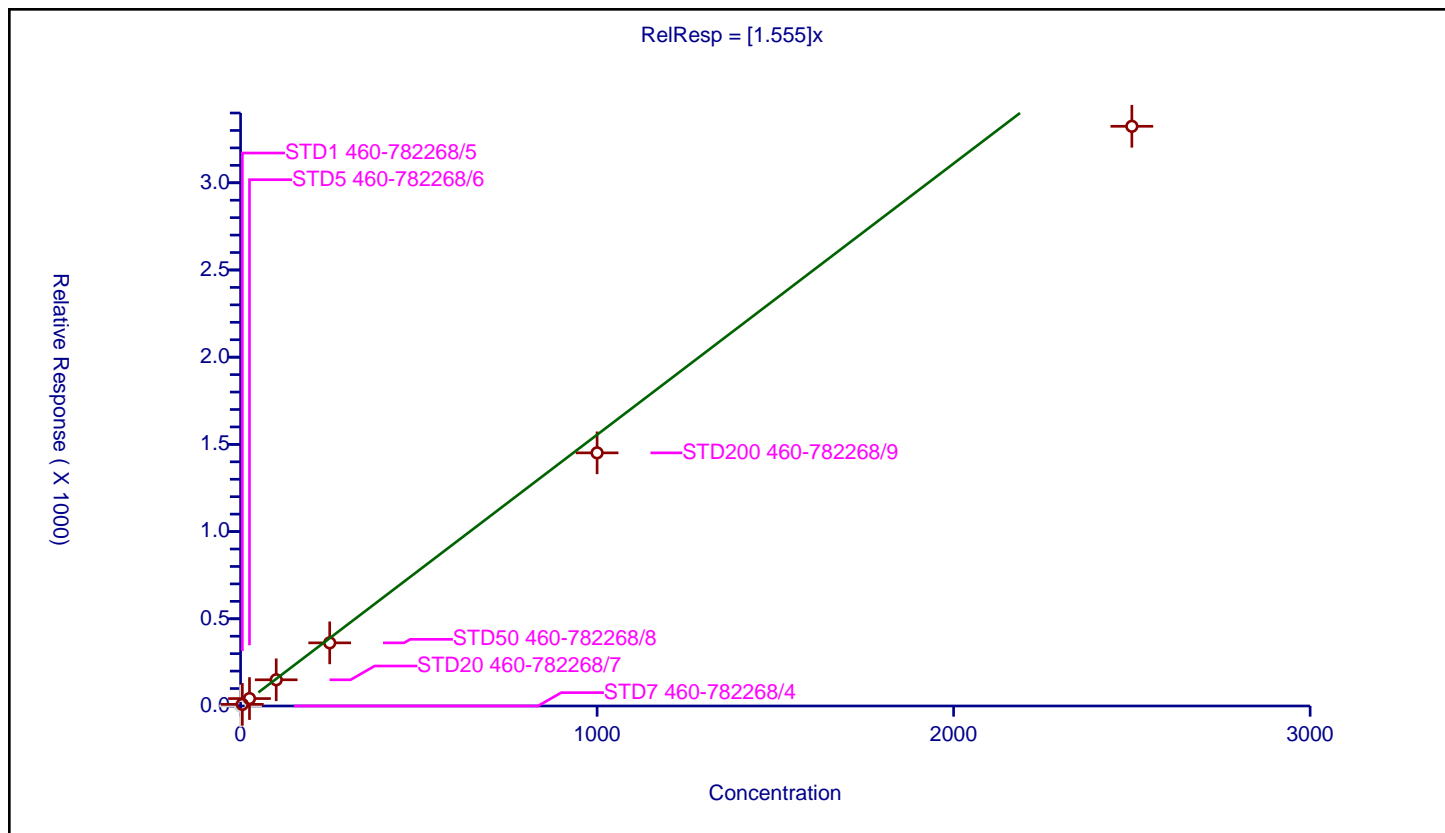
## Curve Coefficients

Intercept: 0  
 Slope: 1.555

## Error Coefficients

Standard Error: 2280000  
 Relative Standard Error: 13.3  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	5.0	9.473742	250.0	218657.0	1.894748	Y
3	STD5 460-782268/6	25.0	42.627025	250.0	197756.0	1.705081	Y
4	STD20 460-782268/7	100.0	150.231436	250.0	230085.0	1.502314	Y
5	STD50 460-782268/8	250.0	362.010548	250.0	242899.0	1.448042	Y
6	STD200 460-782268/9	1000.0	1451.485455	250.0	299235.0	1.451485	Y
7	STD500 460-782268/10	2500.0	3323.853328	250.0	360478.0	1.329541	Y





# Calibration

/ Iodomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

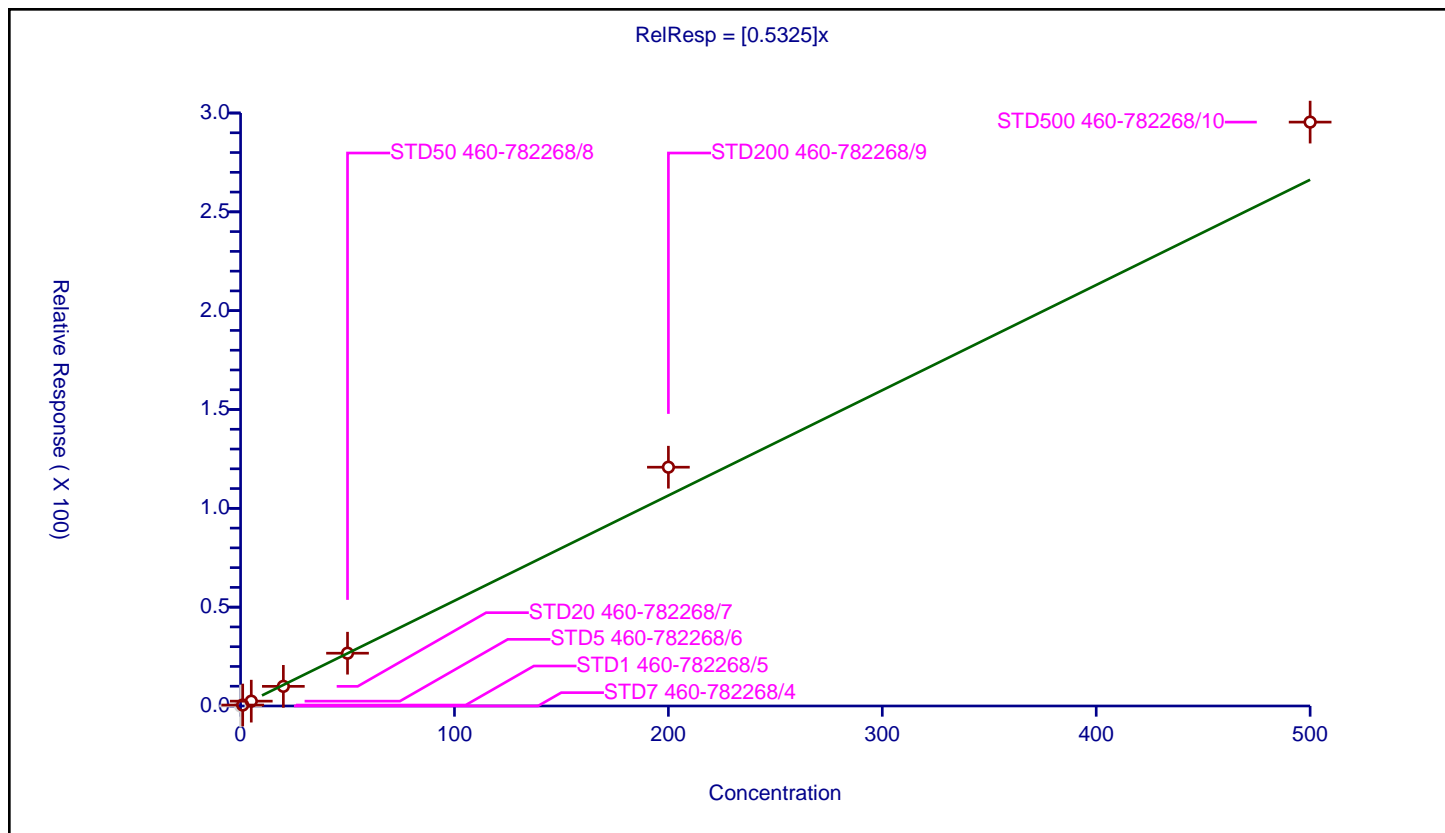
## Curve Coefficients

Intercept: 0  
 Slope: 0.5325

## Error Coefficients

Standard Error: 1460000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.4802	50.0	435131.0	0.4802	Y
3	STD5 460-782268/6	5.0	2.444577	50.0	413998.0	0.488915	Y
4	STD20 460-782268/7	20.0	9.935539	50.0	424597.0	0.496777	Y
5	STD50 460-782268/8	50.0	26.710814	50.0	442231.0	0.534216	Y
6	STD200 460-782268/9	200.0	120.8024	50.0	478041.0	0.604012	Y
7	STD500 460-782268/10	500.0	295.393529	50.0	513571.0	0.590787	Y



# Calibration

/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

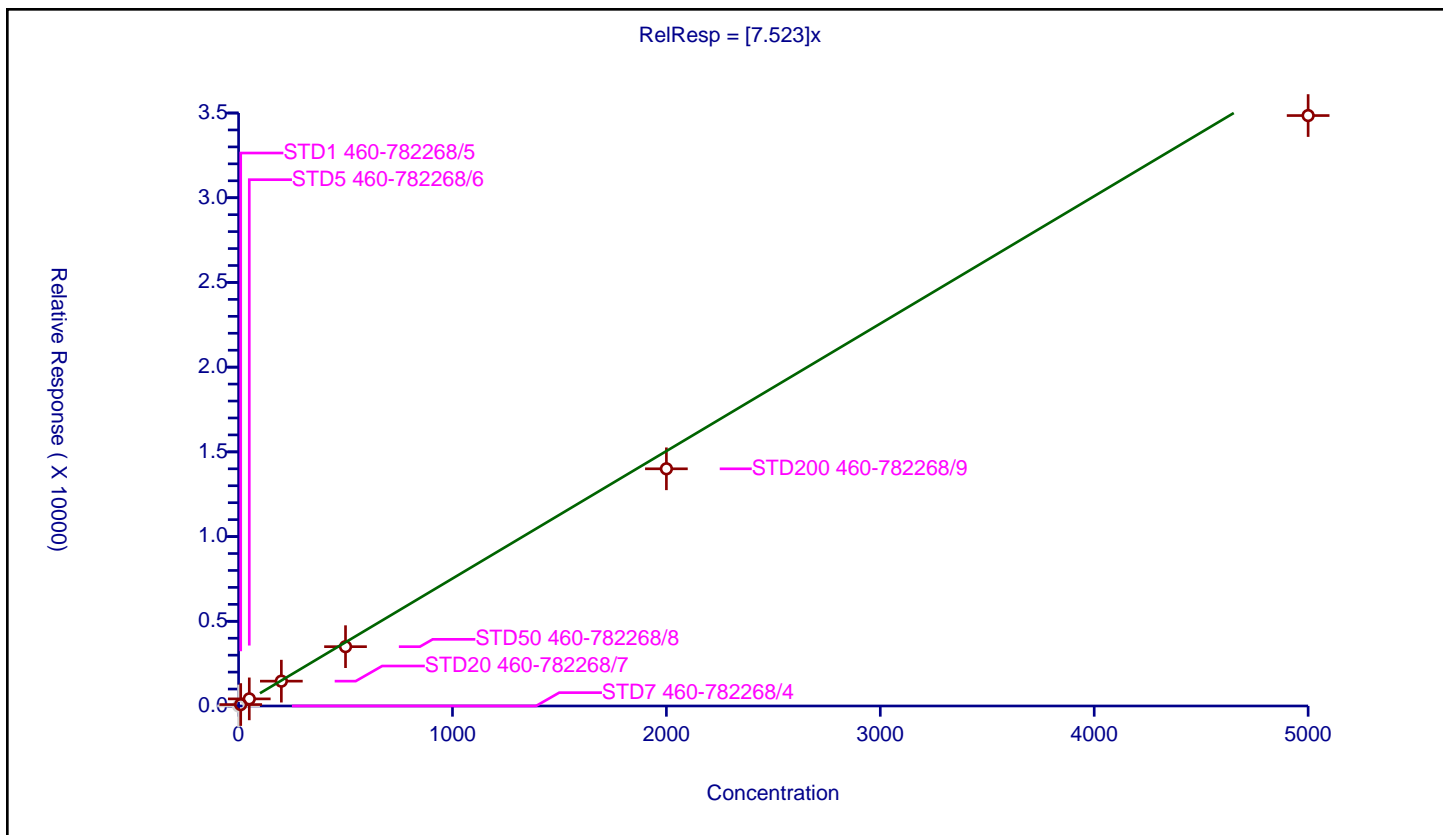
## Curve Coefficients

Intercept: 0  
 Slope: 7.523

## Error Coefficients

Standard Error: 948000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	34954.0	NaN	N
2	STD1 460-782268/5	10.0	84.338906	1000.0	38701.0	8.433891	Y
3	STD5 460-782268/6	50.0	420.20698	1000.0	32177.0	8.40414	Y
4	STD20 460-782268/7	200.0	1465.719961	1000.0	37252.0	7.3286	Y
5	STD50 460-782268/8	500.0	3500.764348	1000.0	38595.0	7.001529	Y
6	STD200 460-782268/9	2000.0	14000.062912	1000.0	47686.0	7.000031	Y
7	STD500 460-782268/10	5000.0	34850.334931	1000.0	58818.0	6.970067	Y



# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

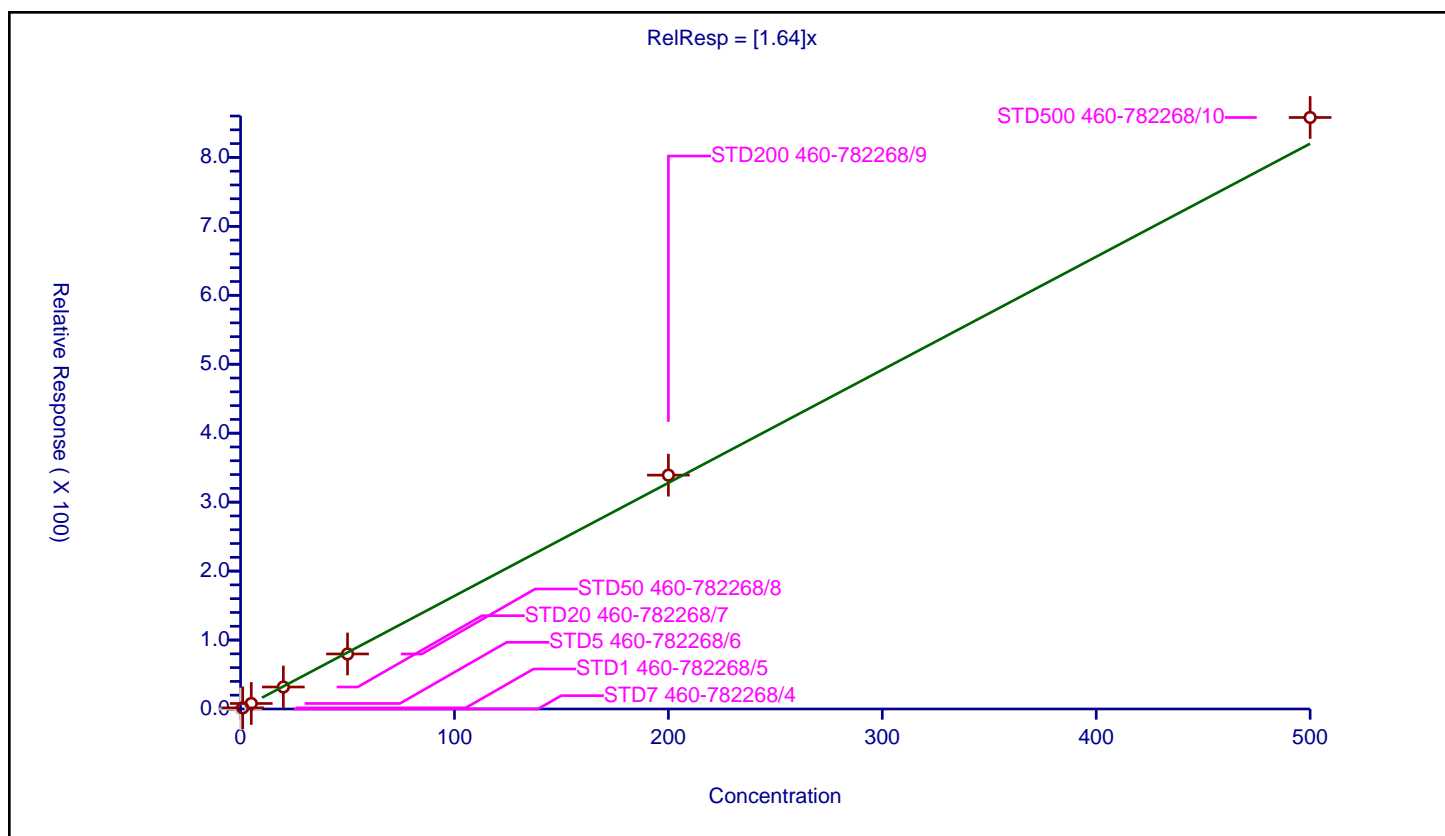
## Curve Coefficients

Intercept: 0  
 Slope: 1.64

## Error Coefficients

Standard Error: 4210000  
 Relative Standard Error: 3.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	1.639736	50.0	435131.0	1.639736	Y
3	STD5 460-782268/6	5.0	7.984459	50.0	413998.0	1.596892	Y
4	STD20 460-782268/7	20.0	31.885765	50.0	424597.0	1.594288	Y
5	STD50 460-782268/8	50.0	79.819483	50.0	442231.0	1.59639	Y
6	STD200 460-782268/9	200.0	339.153022	50.0	478041.0	1.695765	Y
7	STD500 460-782268/10	500.0	857.858991	50.0	513571.0	1.715718	Y



# Calibration

/ 3-Chloro-1-propene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

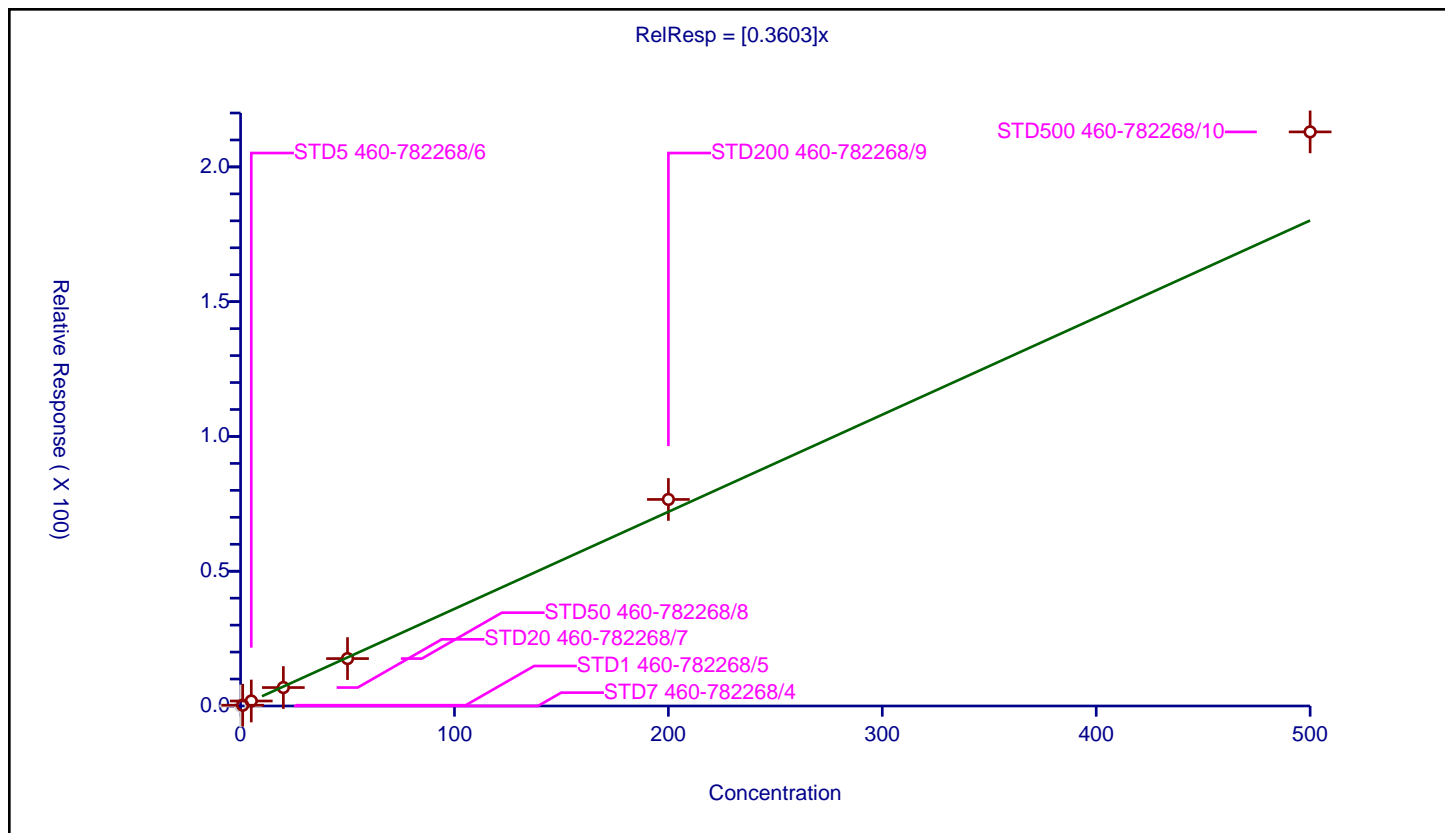
## Curve Coefficients

Intercept: 0  
 Slope: 0.3603

## Error Coefficients

Standard Error: 1030000  
 Relative Standard Error: 12.7  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.288764	50.0	435131.0	0.288764	Y
3	STD5 460-782268/6	5.0	1.85025	50.0	413998.0	0.37005	Y
4	STD20 460-782268/7	20.0	6.836954	50.0	424597.0	0.341848	Y
5	STD50 460-782268/8	50.0	17.589789	50.0	442231.0	0.351796	Y
6	STD200 460-782268/9	200.0	76.630456	50.0	478041.0	0.383152	Y
7	STD500 460-782268/10	500.0	212.995964	50.0	513571.0	0.425992	Y



# Calibration

/ Methyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

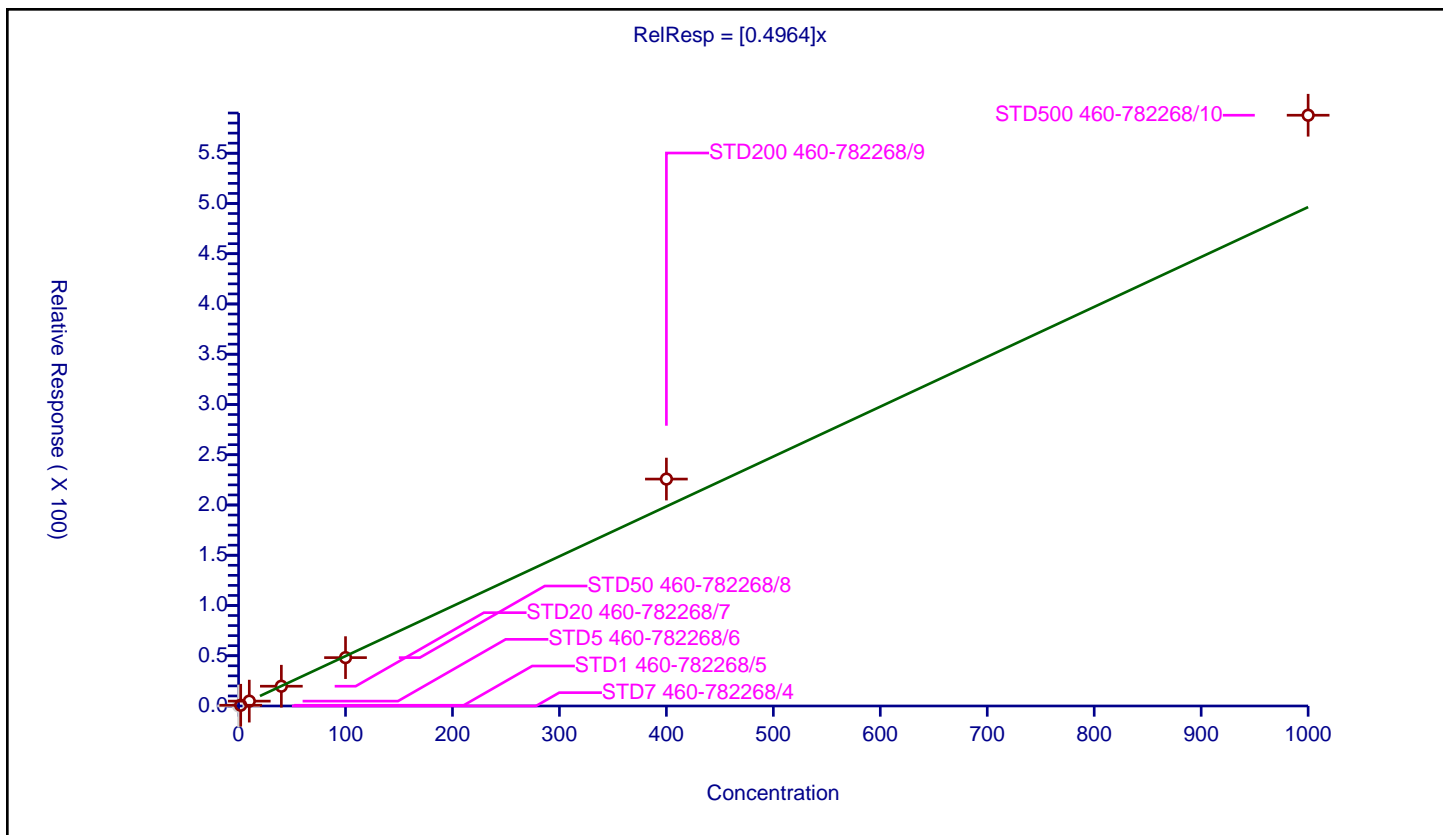
## Curve Coefficients

Intercept: 0  
 Slope: 0.4964

## Error Coefficients

Standard Error: 2870000  
 Relative Standard Error: 15.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	2.0	0.736445	50.0	435131.0	0.368222	Y
3	STD5 460-782268/6	10.0	4.847729	50.0	413998.0	0.484773	Y
4	STD20 460-782268/7	40.0	19.678896	50.0	424597.0	0.491972	Y
5	STD50 460-782268/8	100.0	48.109698	50.0	442231.0	0.481097	Y
6	STD200 460-782268/9	400.0	225.781366	50.0	478041.0	0.564453	Y
7	STD500 460-782268/10	1000.0	587.798766	50.0	513571.0	0.587799	Y



## Calibration

/ Cyclopentene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

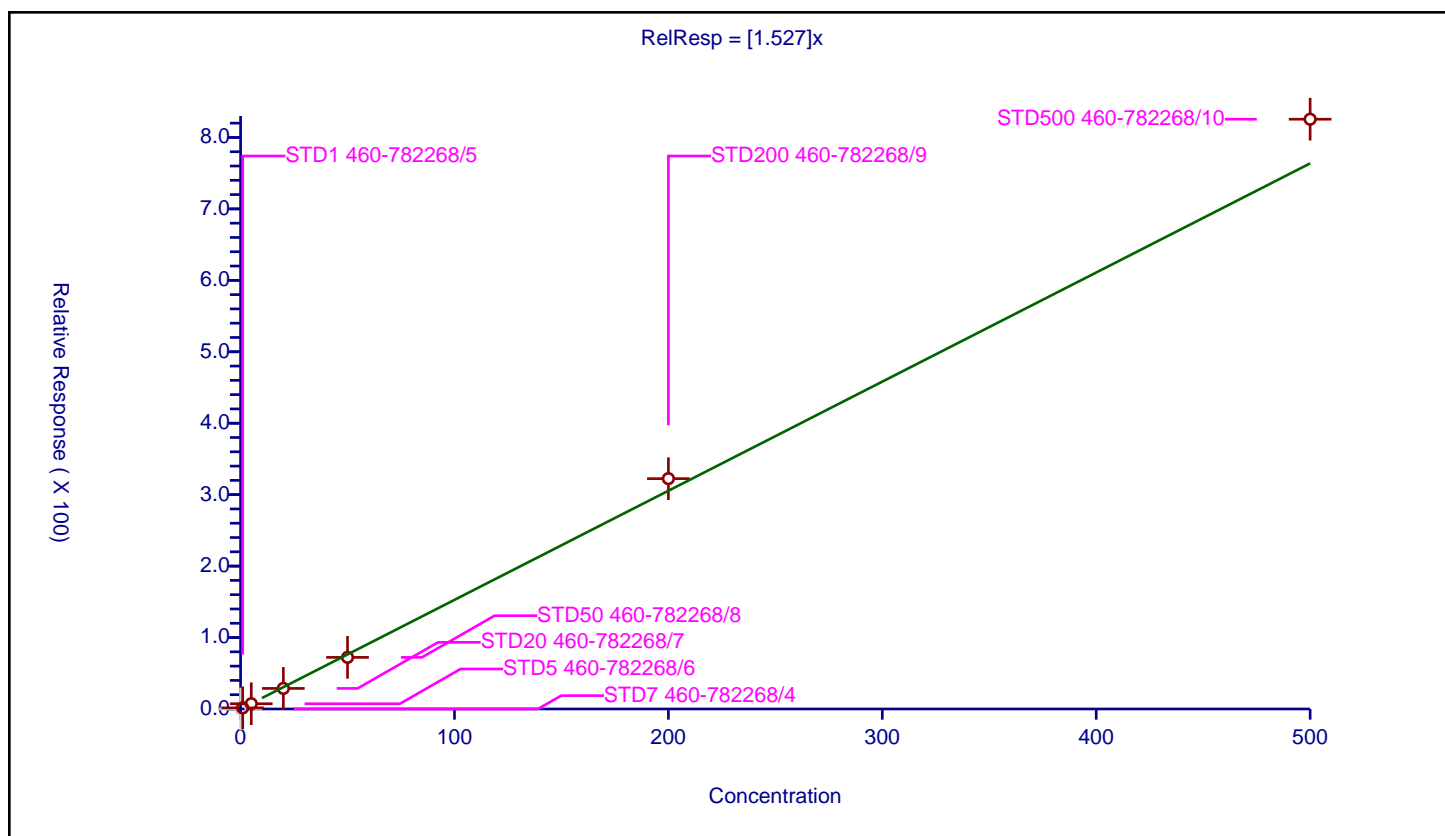
## Curve Coefficients

Intercept: 0  
Slope: 1.527

## Error Coefficients

Standard Error: 4050000  
Relative Standard Error: 5.9  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	1.545741	50.0	435131.0	1.545741	Y
3	STD5 460-782268/6	5.0	7.350036	50.0	413998.0	1.470007	Y
4	STD20 460-782268/7	20.0	28.806139	50.0	424597.0	1.440307	Y
5	STD50 460-782268/8	50.0	72.242674	50.0	442231.0	1.444853	Y
6	STD200 460-782268/9	200.0	322.412094	50.0	478041.0	1.61206	Y
7	STD500 460-782268/10	500.0	825.516725	50.0	513571.0	1.651033	Y



# Calibration

/ Acetonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

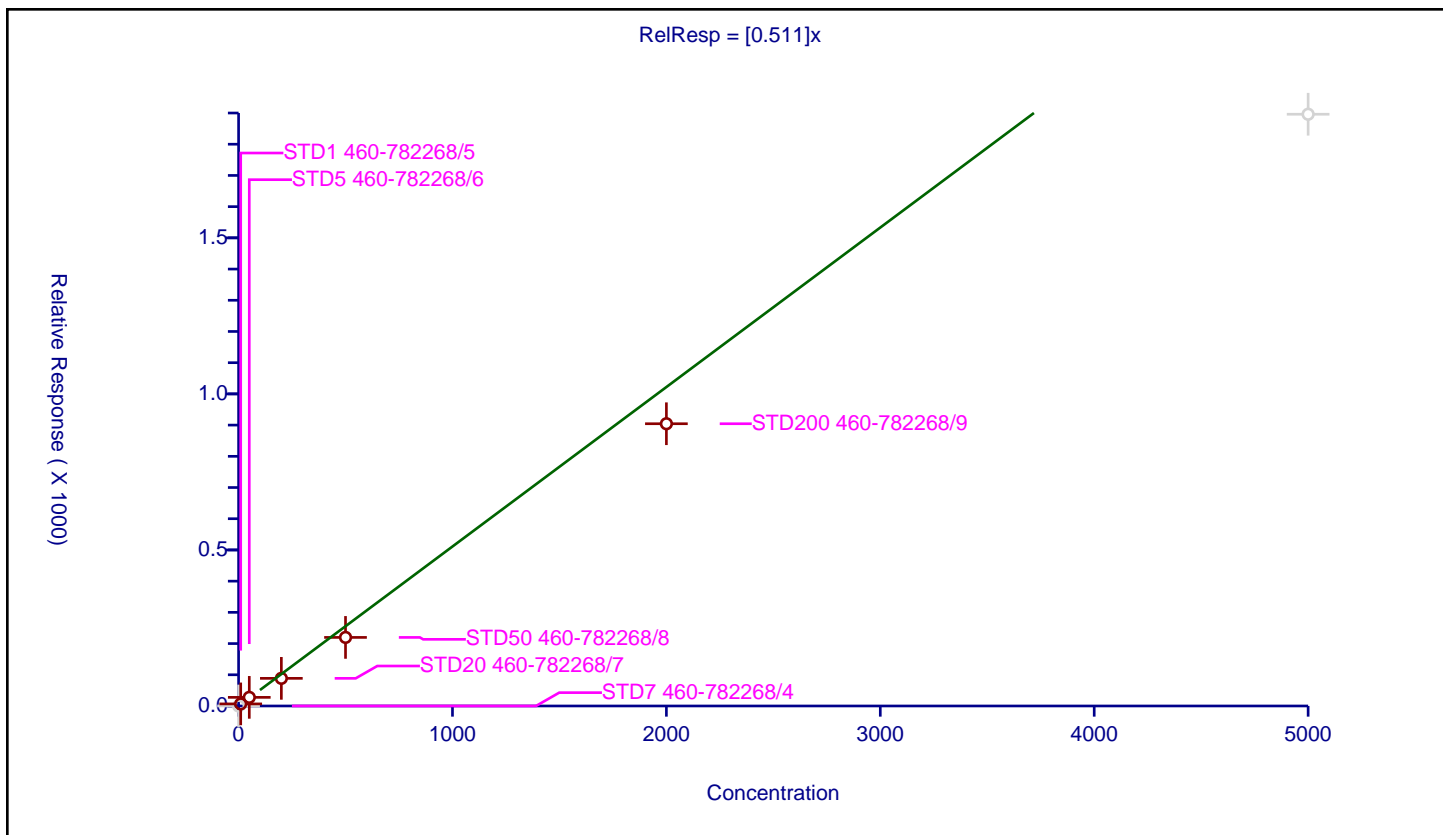
## Curve Coefficients

Intercept: 0  
 Slope: 0.511

## Error Coefficients

Standard Error: 553000  
 Relative Standard Error: 19.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.944

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	10.0	6.681698	250.0	218657.0	0.66817	Y
3	STD5 460-782268/6	50.0	27.624952	250.0	197756.0	0.552499	Y
4	STD20 460-782268/7	200.0	88.558576	250.0	230085.0	0.442793	Y
5	STD50 460-782268/8	500.0	219.680814	250.0	242899.0	0.439362	Y
6	STD200 460-782268/9	2000.0	904.394539	250.0	299235.0	0.452197	Y
7	STD500 460-782268/10	5000.0	1896.06994	250.0	360478.0	0.379214	N



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

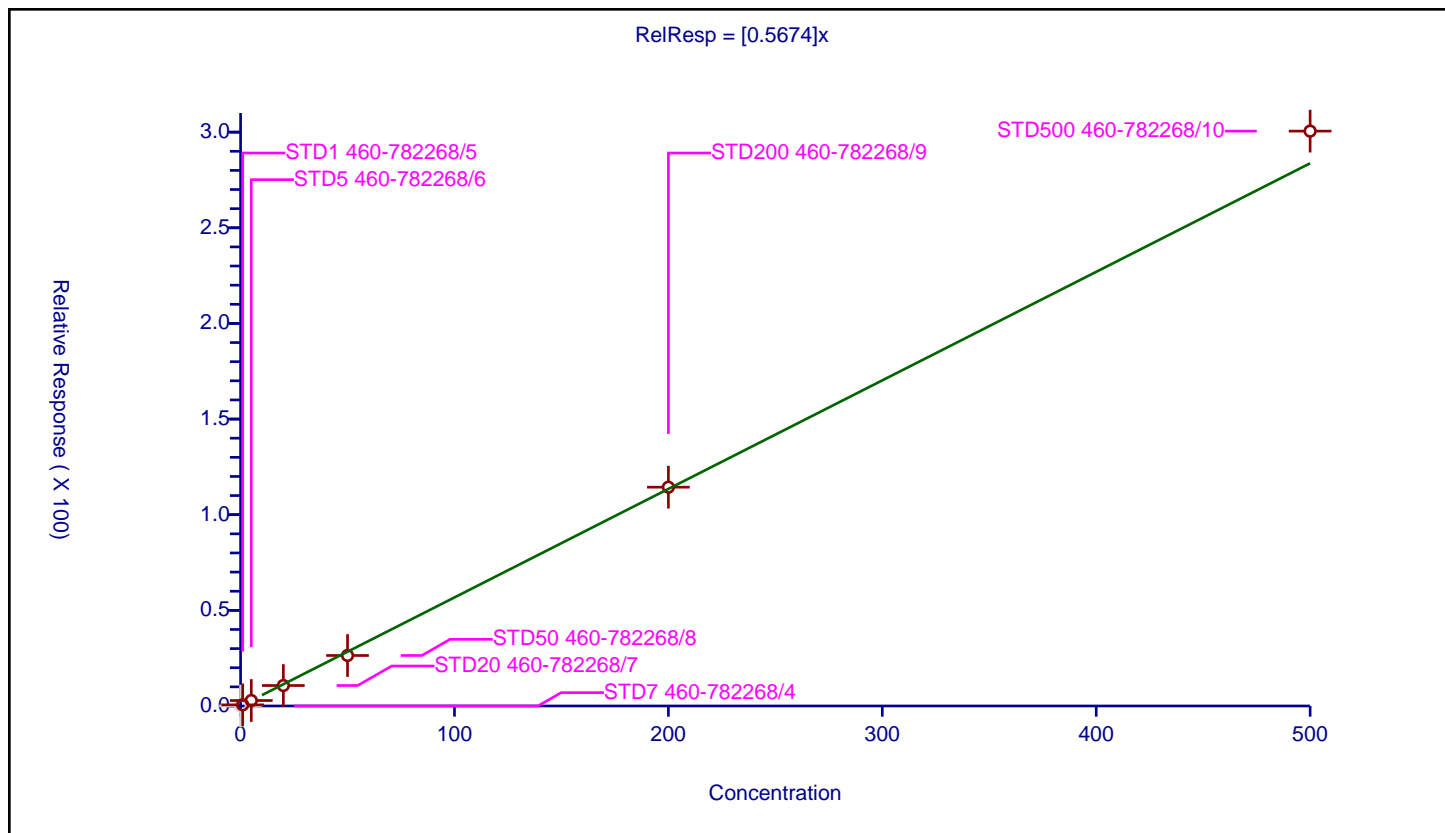
## Curve Coefficients

Intercept: 0  
 Slope: 0.5674

## Error Coefficients

Standard Error: 1470000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.595223	50.0	435131.0	0.595223	Y
3	STD5 460-782268/6	5.0	2.867405	50.0	413998.0	0.573481	Y
4	STD20 460-782268/7	20.0	10.695907	50.0	424597.0	0.534795	Y
5	STD50 460-782268/8	50.0	26.394803	50.0	442231.0	0.527896	Y
6	STD200 460-782268/9	200.0	114.386737	50.0	478041.0	0.571934	Y
7	STD500 460-782268/10	500.0	300.537121	50.0	513571.0	0.601074	Y





## Calibration

/ 2-Methyl-2-propanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

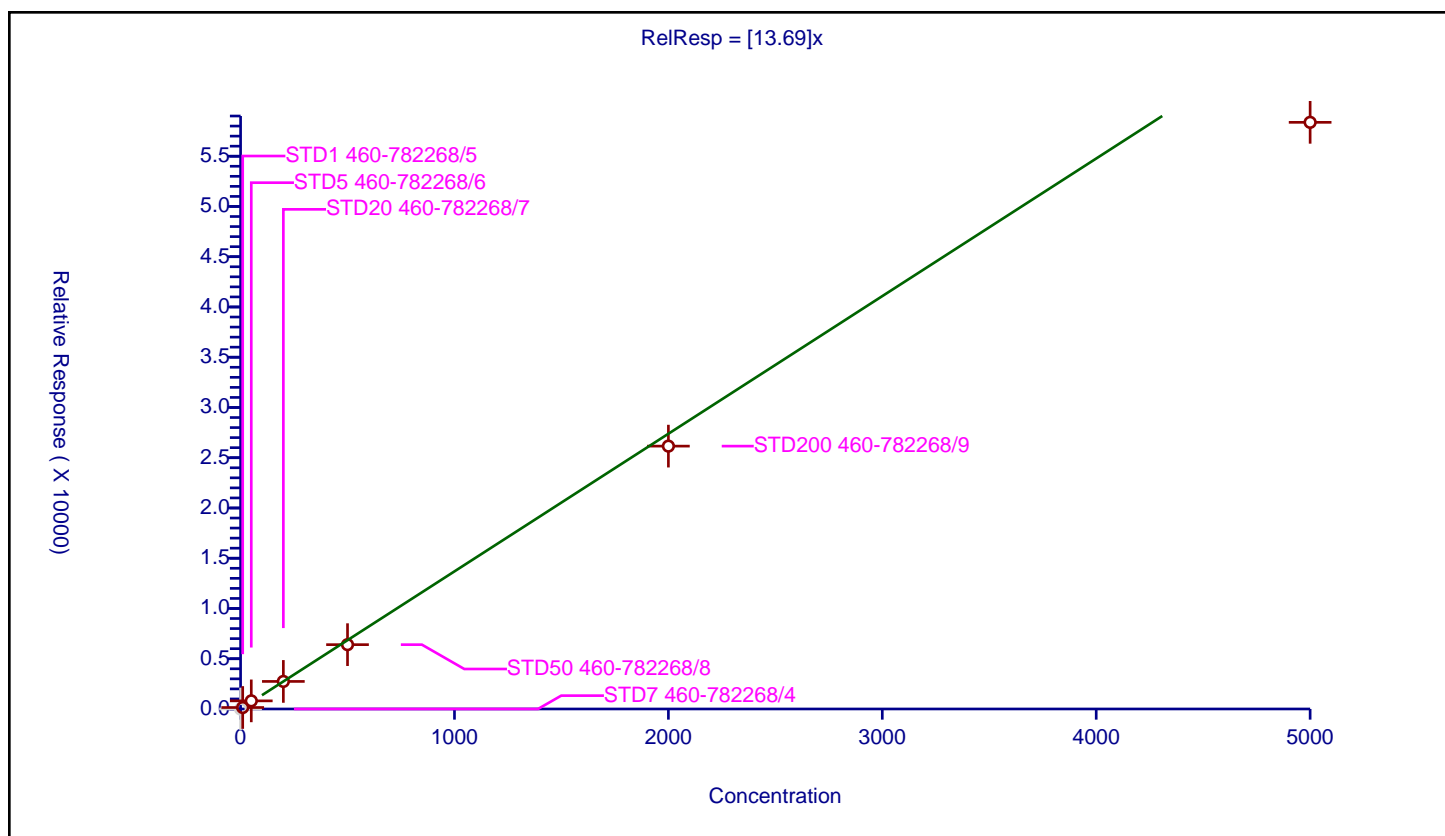
## Curve Coefficients

Intercept: 0  
Slope: 13.69

## Error Coefficients

Standard Error: 1600000  
Relative Standard Error: 11.5  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	34954.0	NaN	N
2	STD1 460-782268/5	10.0	147.46389	1000.0	38701.0	14.746389	Y
3	STD5 460-782268/6	50.0	807.533331	1000.0	32177.0	16.150667	Y
4	STD20 460-782268/7	200.0	2741.221948	1000.0	37252.0	13.70611	Y
5	STD50 460-782268/8	500.0	6401.606426	1000.0	38595.0	12.803213	Y
6	STD200 460-782268/9	2000.0	26153.755819	1000.0	47686.0	13.076878	Y
7	STD500 460-782268/10	5000.0	58370.005781	1000.0	58818.0	11.674001	Y



# Calibration

/ Methyl tert-butyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

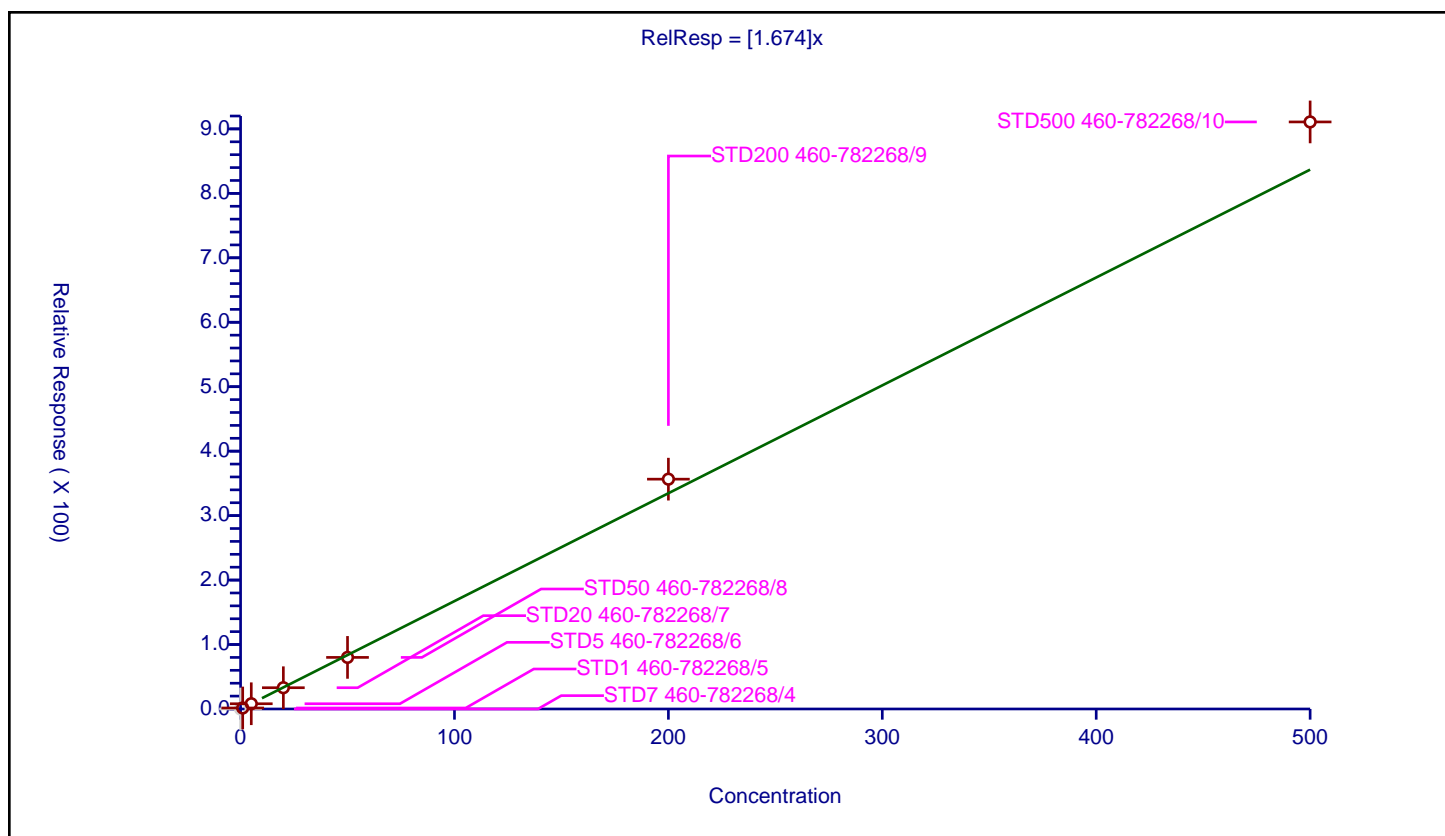
## Curve Coefficients

Intercept: 0  
 Slope: 1.674

## Error Coefficients

Standard Error: 4470000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	1.557692	50.0	435131.0	1.557692	Y
3	STD5 460-782268/6	5.0	8.143638	50.0	413998.0	1.628728	Y
4	STD20 460-782268/7	20.0	32.995641	50.0	424597.0	1.649782	Y
5	STD50 460-782268/8	50.0	80.038147	50.0	442231.0	1.600763	Y
6	STD200 460-782268/9	200.0	356.575796	50.0	478041.0	1.782879	Y
7	STD500 460-782268/10	500.0	910.822652	50.0	513571.0	1.821645	Y



# Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

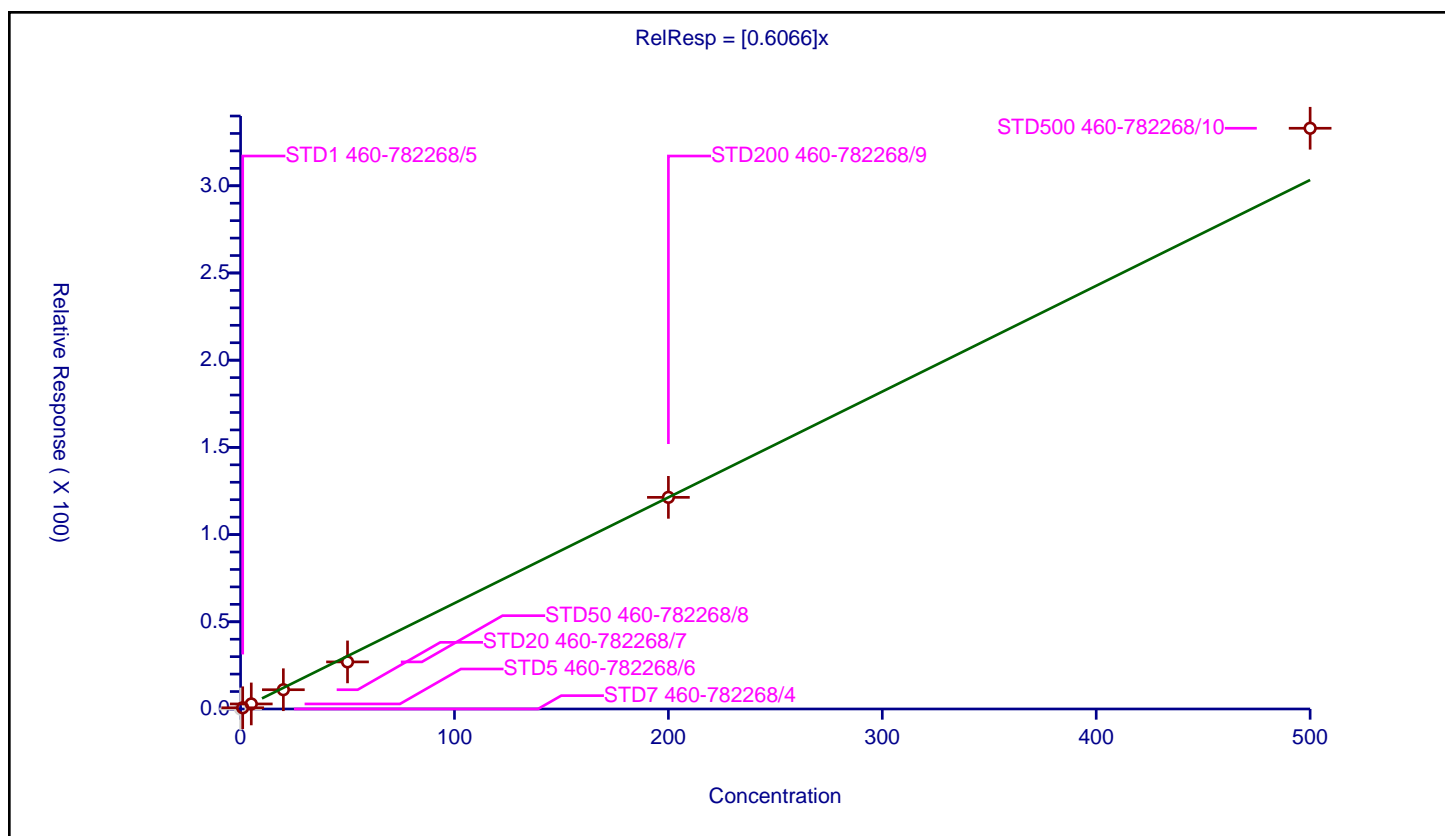
## Curve Coefficients

Intercept: 0  
 Slope: 0.6066

## Error Coefficients

Standard Error: 1620000  
 Relative Standard Error: 10.2  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.694274	50.0	435131.0	0.694274	Y
3	STD5 460-782268/6	5.0	2.902188	50.0	413998.0	0.580438	Y
4	STD20 460-782268/7	20.0	11.051067	50.0	424597.0	0.552553	Y
5	STD50 460-782268/8	50.0	26.992228	50.0	442231.0	0.539845	Y
6	STD200 460-782268/9	200.0	121.35685	50.0	478041.0	0.606784	Y
7	STD500 460-782268/10	500.0	332.98872	50.0	513571.0	0.665977	Y



# Calibration

/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

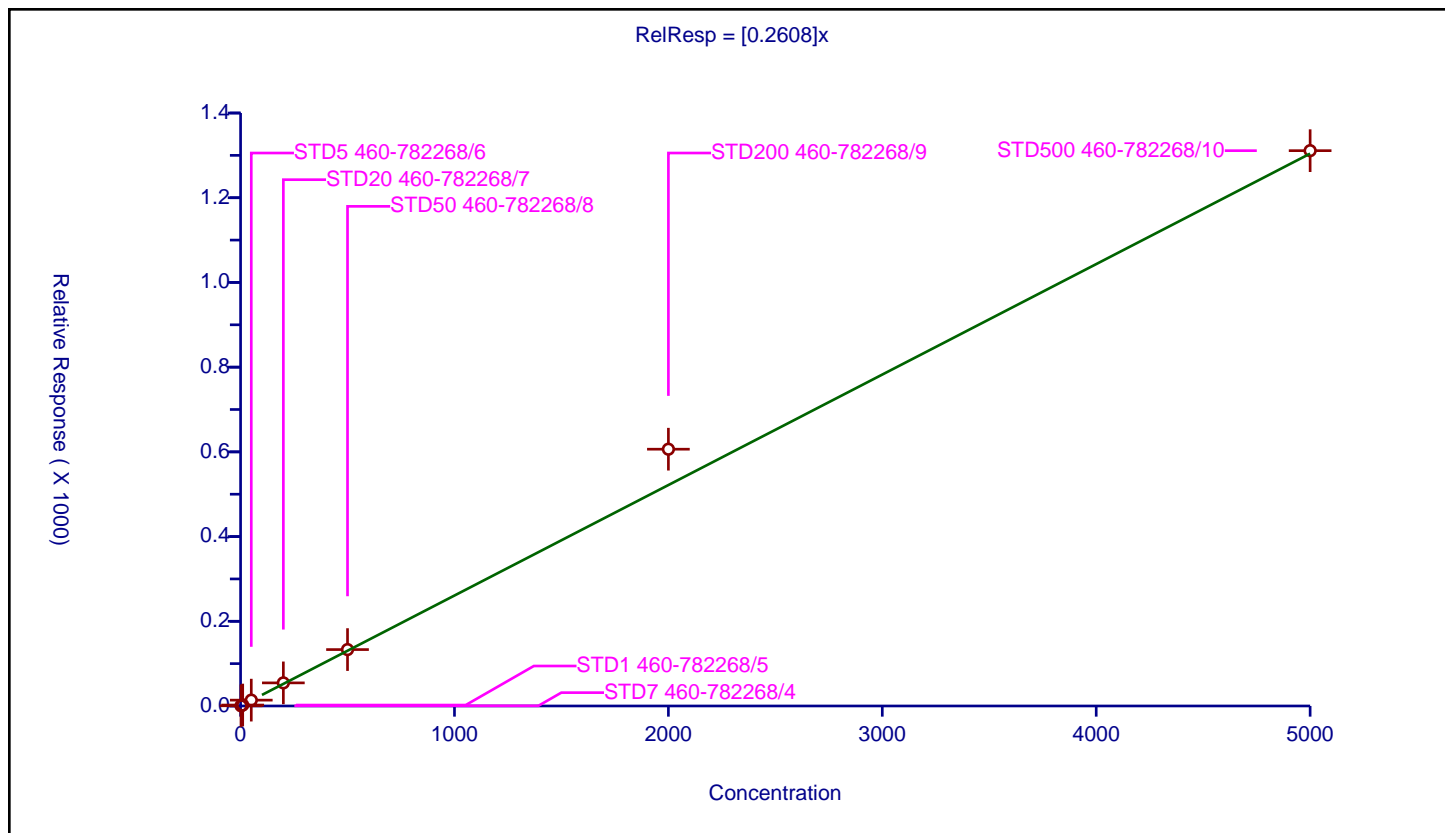
## Curve Coefficients

Intercept: 0  
 Slope: 0.2608

## Error Coefficients

Standard Error: 6010000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	2.0	0.441596	50.0	433881.0	0.220798	Y
2	STD1 460-782268/5	10.0	2.243577	50.0	435131.0	0.224358	Y
3	STD5 460-782268/6	50.0	13.797772	50.0	413998.0	0.275955	Y
4	STD20 460-782268/7	200.0	54.5847	50.0	424597.0	0.272924	Y
5	STD50 460-782268/8	500.0	133.19159	50.0	442231.0	0.266383	Y
6	STD200 460-782268/9	2000.0	606.240783	50.0	478041.0	0.30312	Y
7	STD500 460-782268/10	5000.0	1311.071789	50.0	513571.0	0.262214	Y



# Calibration

/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

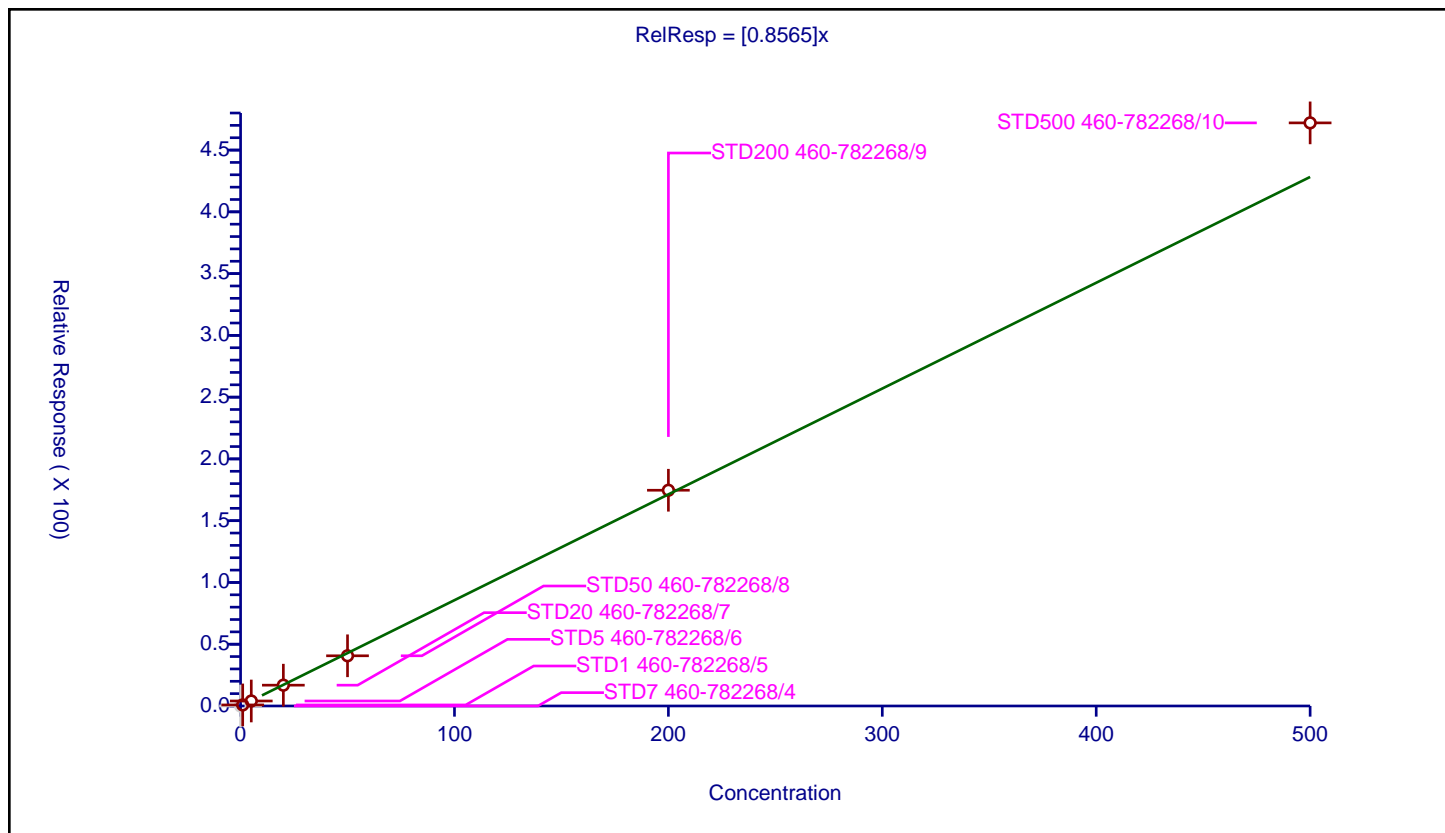
## Curve Coefficients

Intercept: 0  
 Slope: 0.8565

## Error Coefficients

Standard Error: 2300000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.85457	50.0	435131.0	0.85457	Y
3	STD5 460-782268/6	5.0	4.05787	50.0	413998.0	0.811574	Y
4	STD20 460-782268/7	20.0	16.853628	50.0	424597.0	0.842681	Y
5	STD50 460-782268/8	50.0	40.643125	50.0	442231.0	0.812863	Y
6	STD200 460-782268/9	200.0	174.634184	50.0	478041.0	0.873171	Y
7	STD500 460-782268/10	500.0	472.019448	50.0	513571.0	0.944039	Y



## Calibration

/ Isopropyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

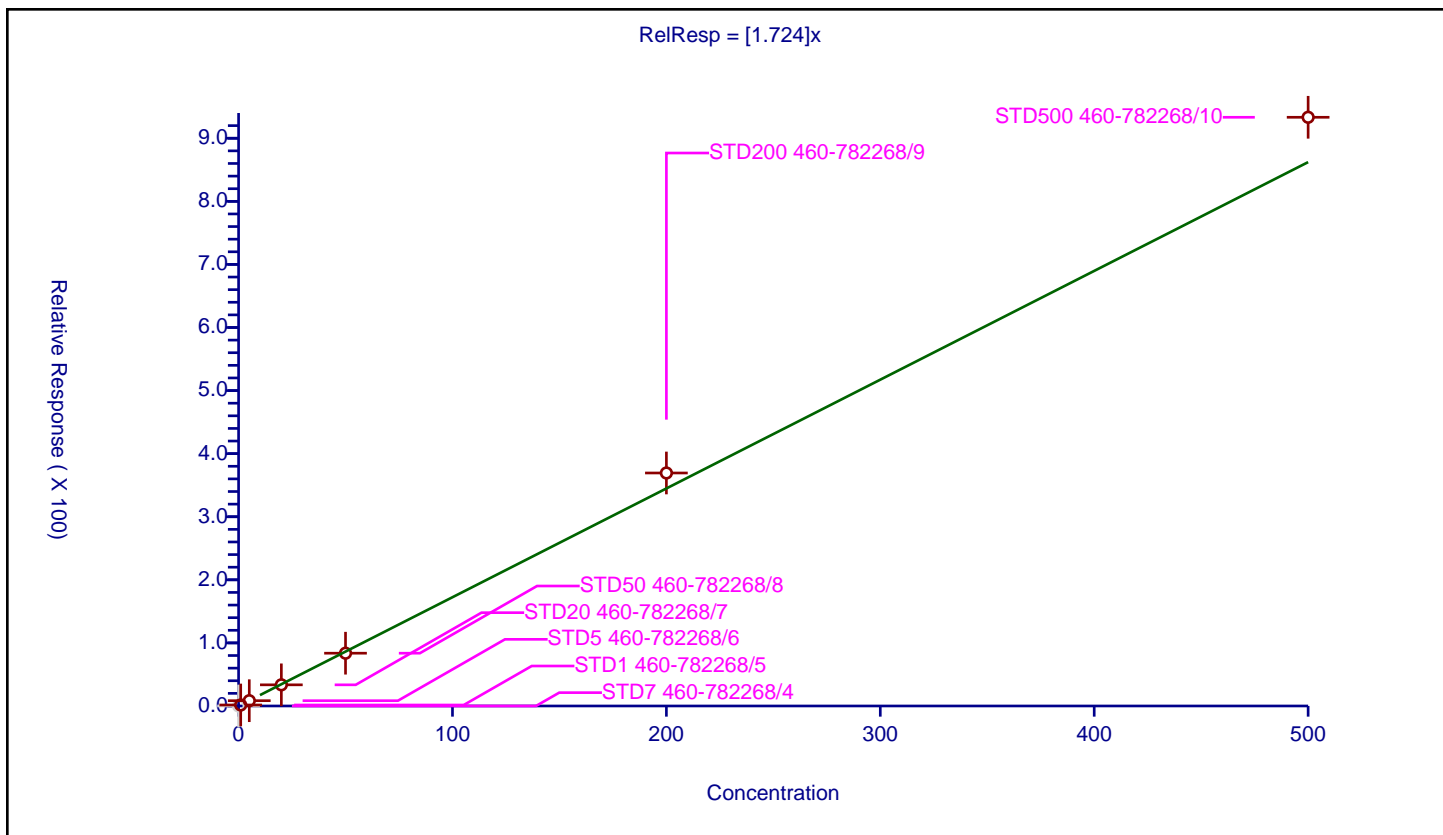
### Curve Coefficients

Intercept: 0  
 Slope: 1.724

### Error Coefficients

Standard Error: 4580000  
 Relative Standard Error: 6.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	1.604804	50.0	435131.0	1.604804	Y
3	STD5 460-782268/6	5.0	8.38277	50.0	413998.0	1.676554	Y
4	STD20 460-782268/7	20.0	33.550991	50.0	424597.0	1.67755	Y
5	STD50 460-782268/8	50.0	83.665437	50.0	442231.0	1.673309	Y
6	STD200 460-782268/9	200.0	369.342692	50.0	478041.0	1.846713	Y
7	STD500 460-782268/10	500.0	933.246523	50.0	513571.0	1.866493	Y



# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

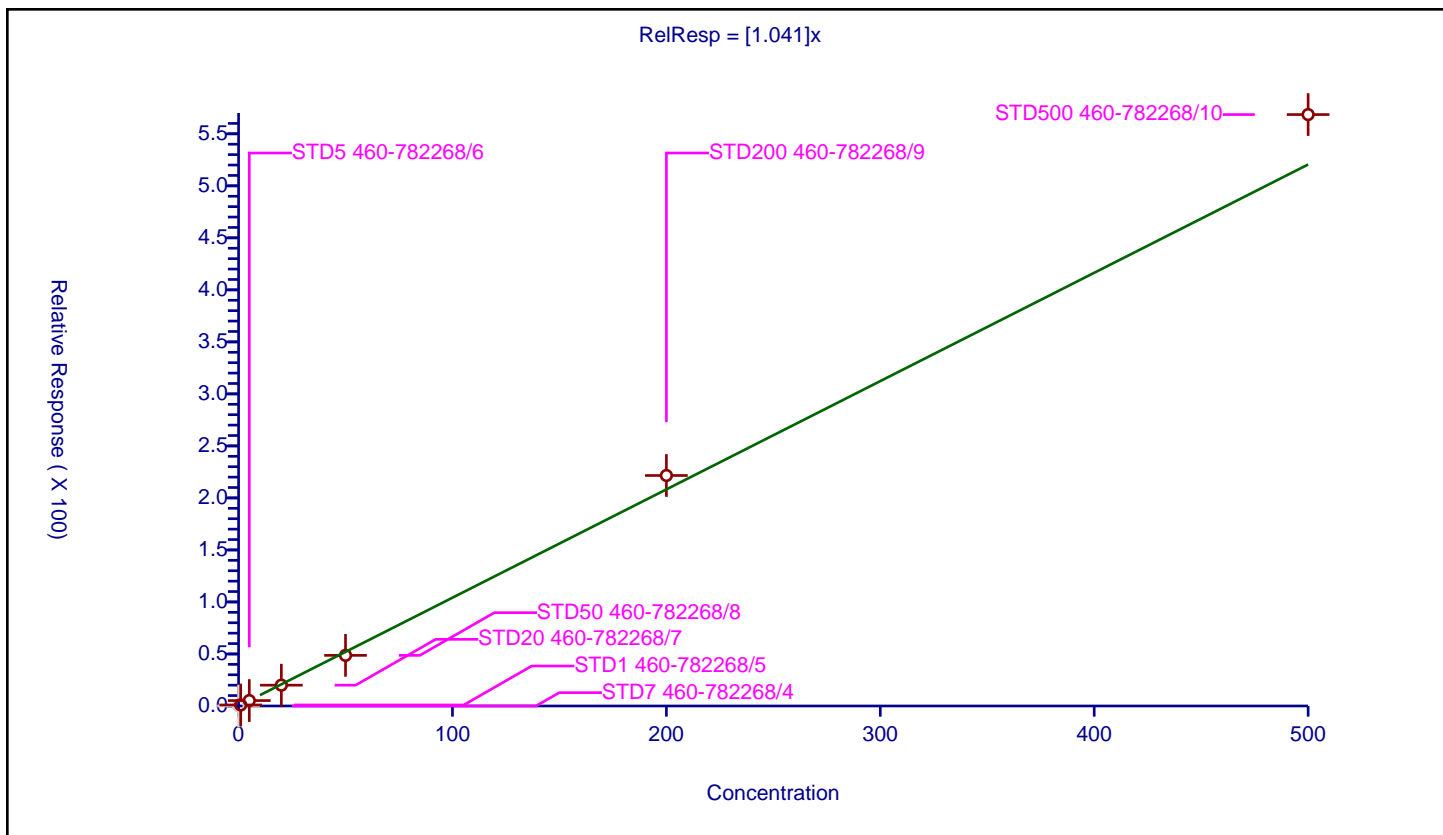
## Curve Coefficients

Intercept: 0  
 Slope: 1.041

## Error Coefficients

Standard Error: 2790000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.983727	50.0	435131.0	0.983727	Y
3	STD5 460-782268/6	5.0	5.22261	50.0	413998.0	1.044522	Y
4	STD20 460-782268/7	20.0	19.994842	50.0	424597.0	0.999742	Y
5	STD50 460-782268/8	50.0	48.65715	50.0	442231.0	0.973143	Y
6	STD200 460-782268/9	200.0	221.552545	50.0	478041.0	1.107763	Y
7	STD500 460-782268/10	500.0	568.514772	50.0	513571.0	1.13703	Y



# Calibration

/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

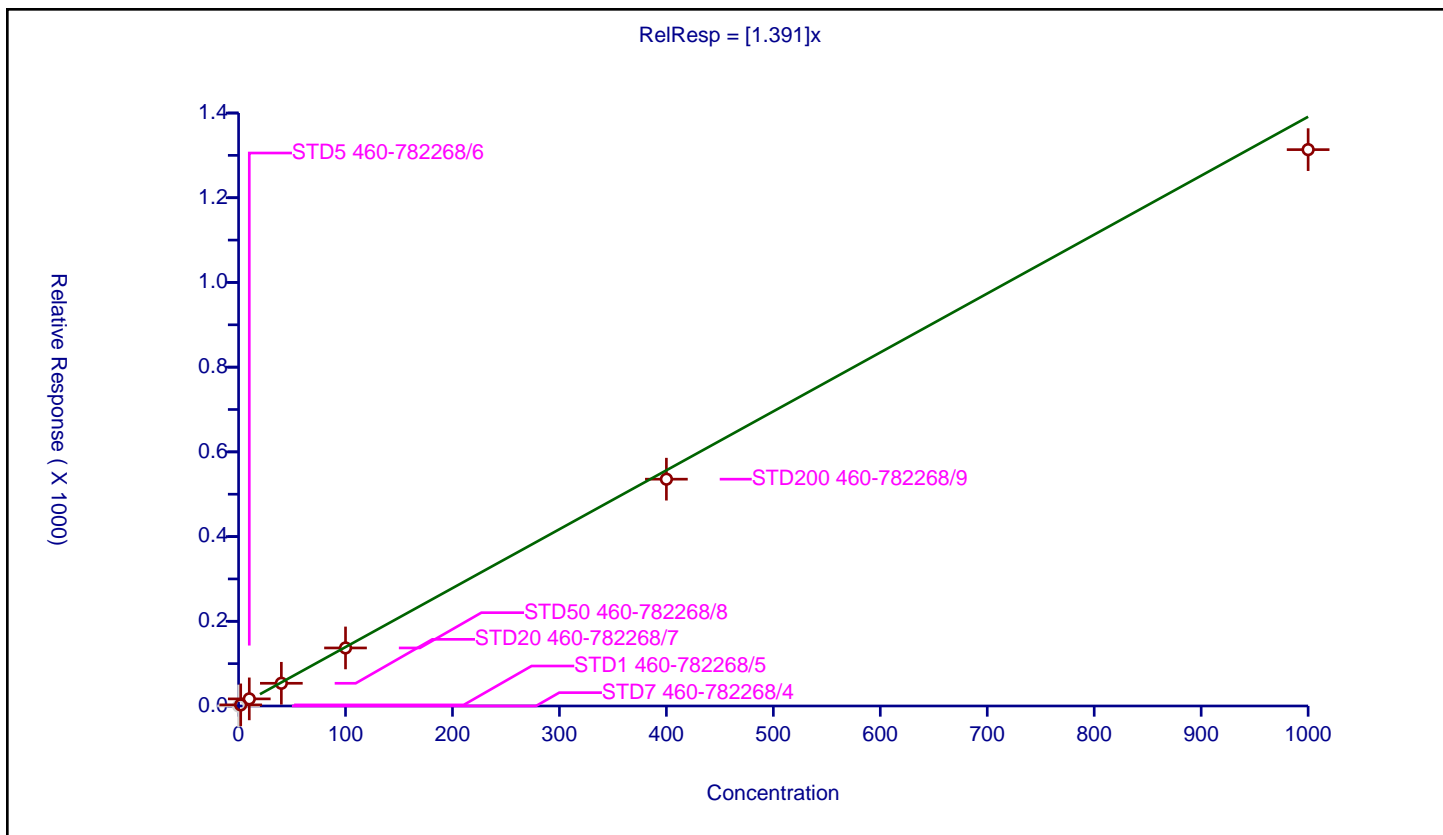
## Curve Coefficients

Intercept: 0  
 Slope: 1.391

## Error Coefficients

Standard Error: 896000  
 Relative Standard Error: 10.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	2.0	2.606823	250.0	218657.0	1.303411	Y
3	STD5 460-782268/6	10.0	16.802271	250.0	197756.0	1.680227	Y
4	STD20 460-782268/7	40.0	53.629094	250.0	230085.0	1.340727	Y
5	STD50 460-782268/8	100.0	137.029177	250.0	242899.0	1.370292	Y
6	STD200 460-782268/9	400.0	535.475462	250.0	299235.0	1.338689	Y
7	STD500 460-782268/10	1000.0	1313.579469	250.0	360478.0	1.313579	Y





## Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

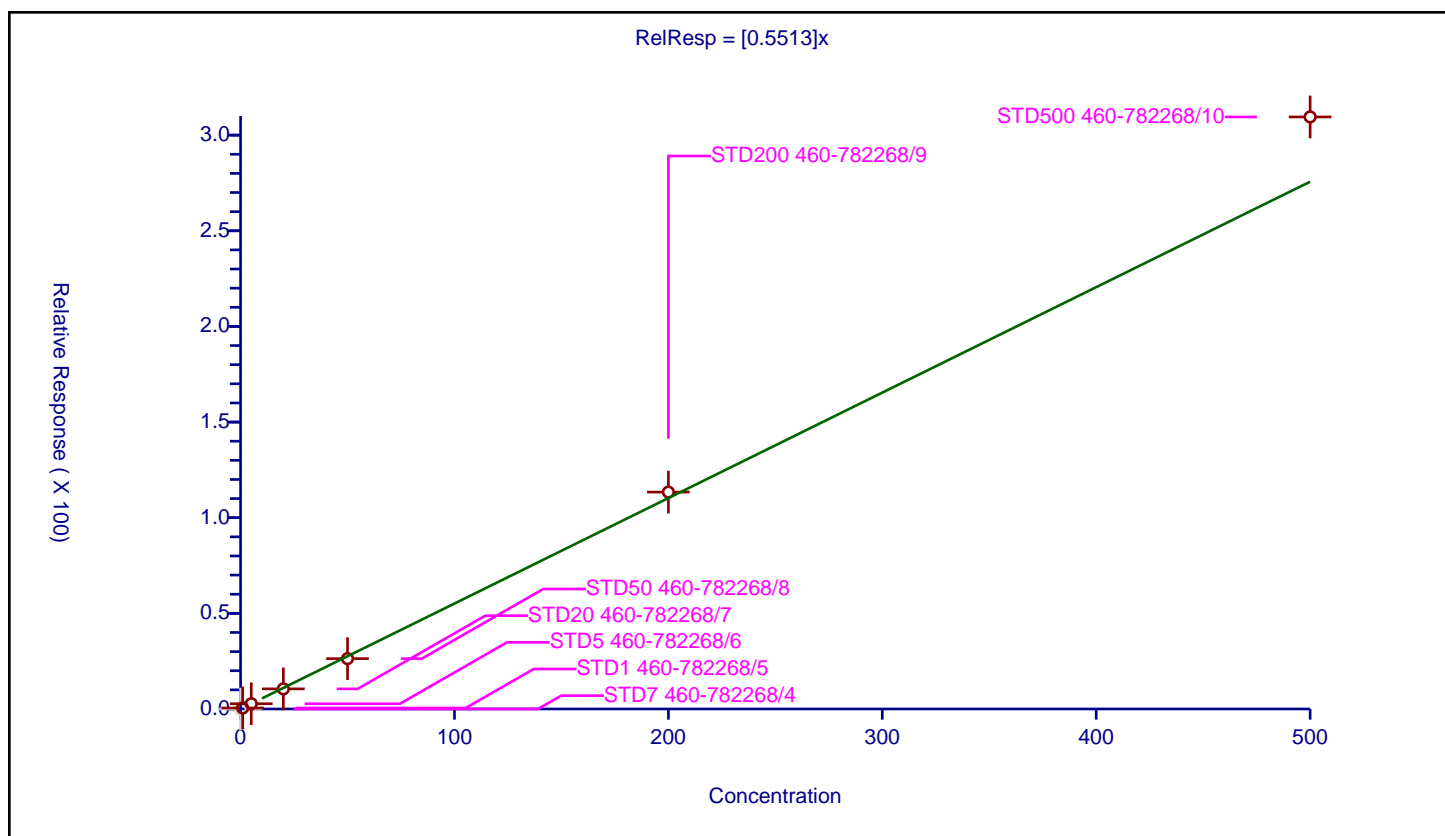
## Curve Coefficients

Intercept: 0  
Slope: 0.5513

## Error Coefficients

Standard Error: 1510000  
Relative Standard Error: 6.8  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.521452	50.0	435131.0	0.521452	Y
3	STD5 460-782268/6	5.0	2.739264	50.0	413998.0	0.547853	Y
4	STD20 460-782268/7	20.0	10.519858	50.0	424597.0	0.525993	Y
5	STD50 460-782268/8	50.0	26.329452	50.0	442231.0	0.526589	Y
6	STD200 460-782268/9	200.0	113.388914	50.0	478041.0	0.566945	Y
7	STD500 460-782268/10	500.0	309.513874	50.0	513571.0	0.619028	Y



# Calibration

/ Tert-butyl ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

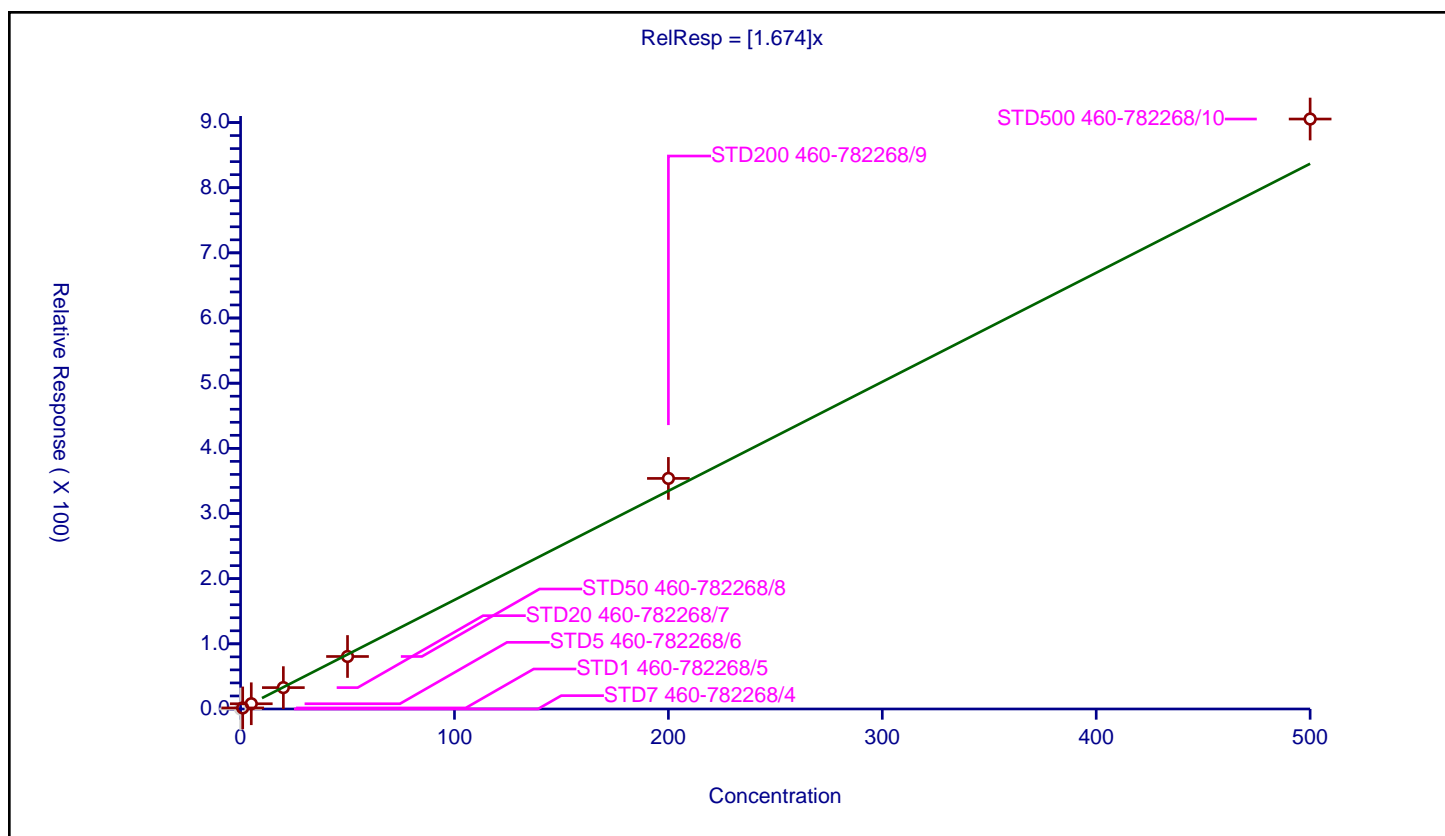
## Curve Coefficients

Intercept: 0  
 Slope: 1.674

## Error Coefficients

Standard Error: 4440000  
 Relative Standard Error: 5.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	1.597565	50.0	435131.0	1.597565	Y
3	STD5 460-782268/6	5.0	8.058372	50.0	413998.0	1.611674	Y
4	STD20 460-782268/7	20.0	32.819356	50.0	424597.0	1.640968	Y
5	STD50 460-782268/8	50.0	80.559481	50.0	442231.0	1.61119	Y
6	STD200 460-782268/9	200.0	353.850088	50.0	478041.0	1.76925	Y
7	STD500 460-782268/10	500.0	905.395359	50.0	513571.0	1.810791	Y



# Calibration

/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

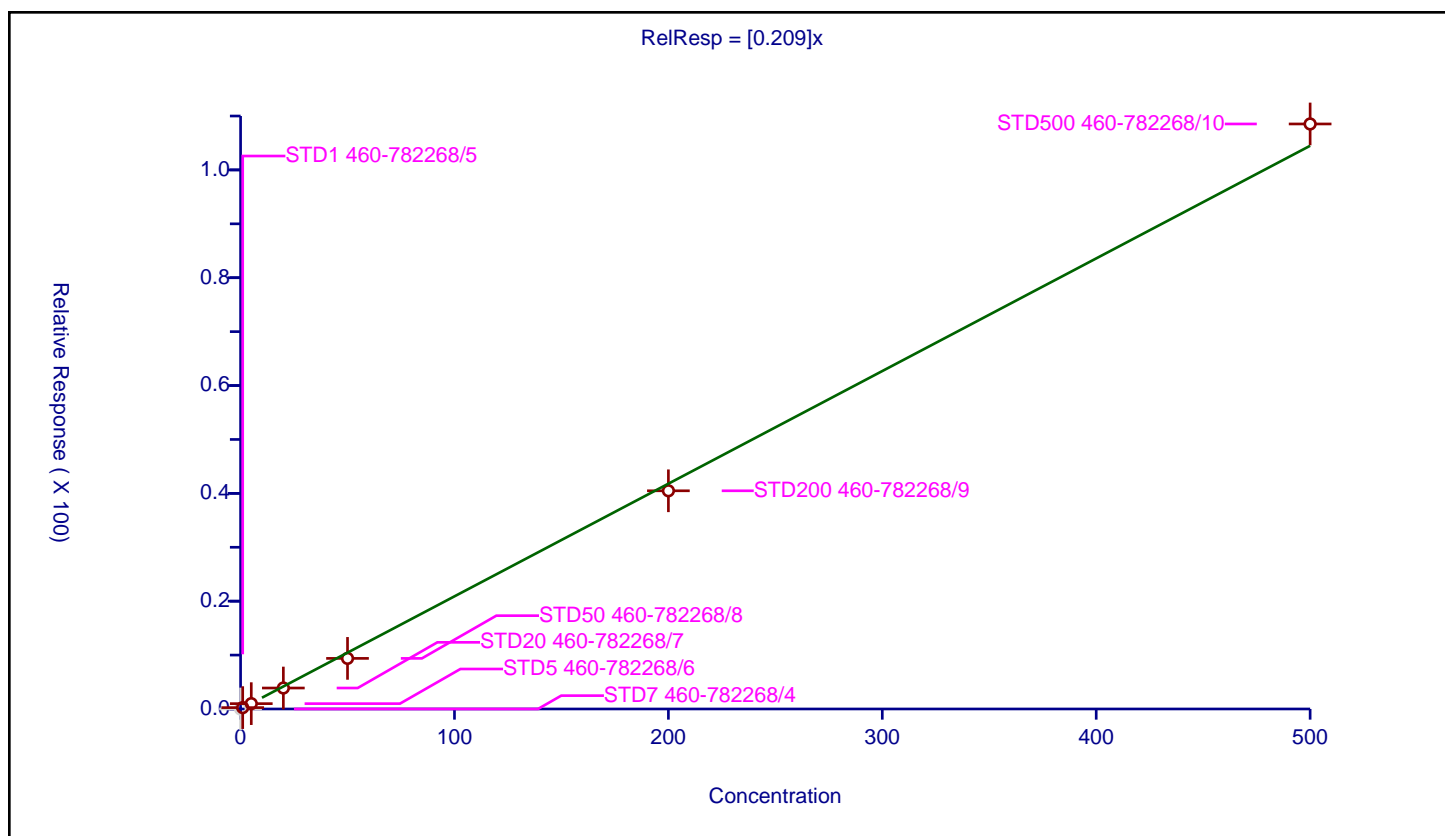
## Curve Coefficients

Intercept: 0  
 Slope: 0.209

## Error Coefficients

Standard Error: 529000  
 Relative Standard Error: 11.6  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.254176	50.0	435131.0	0.254176	Y
3	STD5 460-782268/6	5.0	0.989377	50.0	413998.0	0.197875	Y
4	STD20 460-782268/7	20.0	3.889924	50.0	424597.0	0.194496	Y
5	STD50 460-782268/8	50.0	9.387741	50.0	442231.0	0.187755	Y
6	STD200 460-782268/9	200.0	40.47749	50.0	478041.0	0.202387	Y
7	STD500 460-782268/10	500.0	108.526669	50.0	513571.0	0.217053	Y



## Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

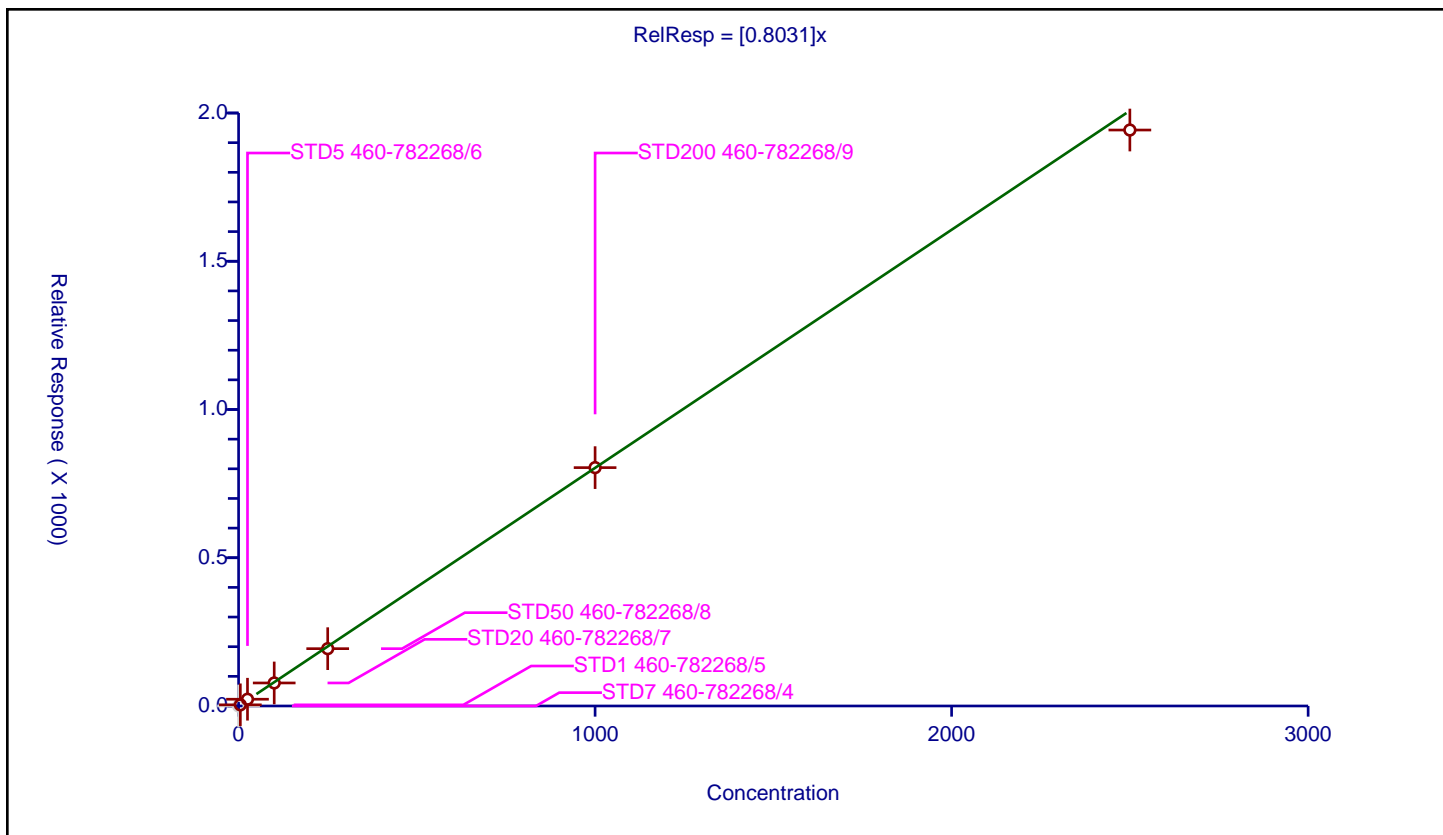
### Curve Coefficients

Intercept: 0  
 Slope: 0.8031

### Error Coefficients

Standard Error: 1330000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	5.0	3.879364	250.0	218657.0	0.775873	Y
3	STD5 460-782268/6	25.0	22.781862	250.0	197756.0	0.911274	Y
4	STD20 460-782268/7	100.0	77.690853	250.0	230085.0	0.776909	Y
5	STD50 460-782268/8	250.0	193.328297	250.0	242899.0	0.773313	Y
6	STD200 460-782268/9	1000.0	803.955921	250.0	299235.0	0.803956	Y
7	STD500 460-782268/10	2500.0	1942.636583	250.0	360478.0	0.777055	Y



## Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

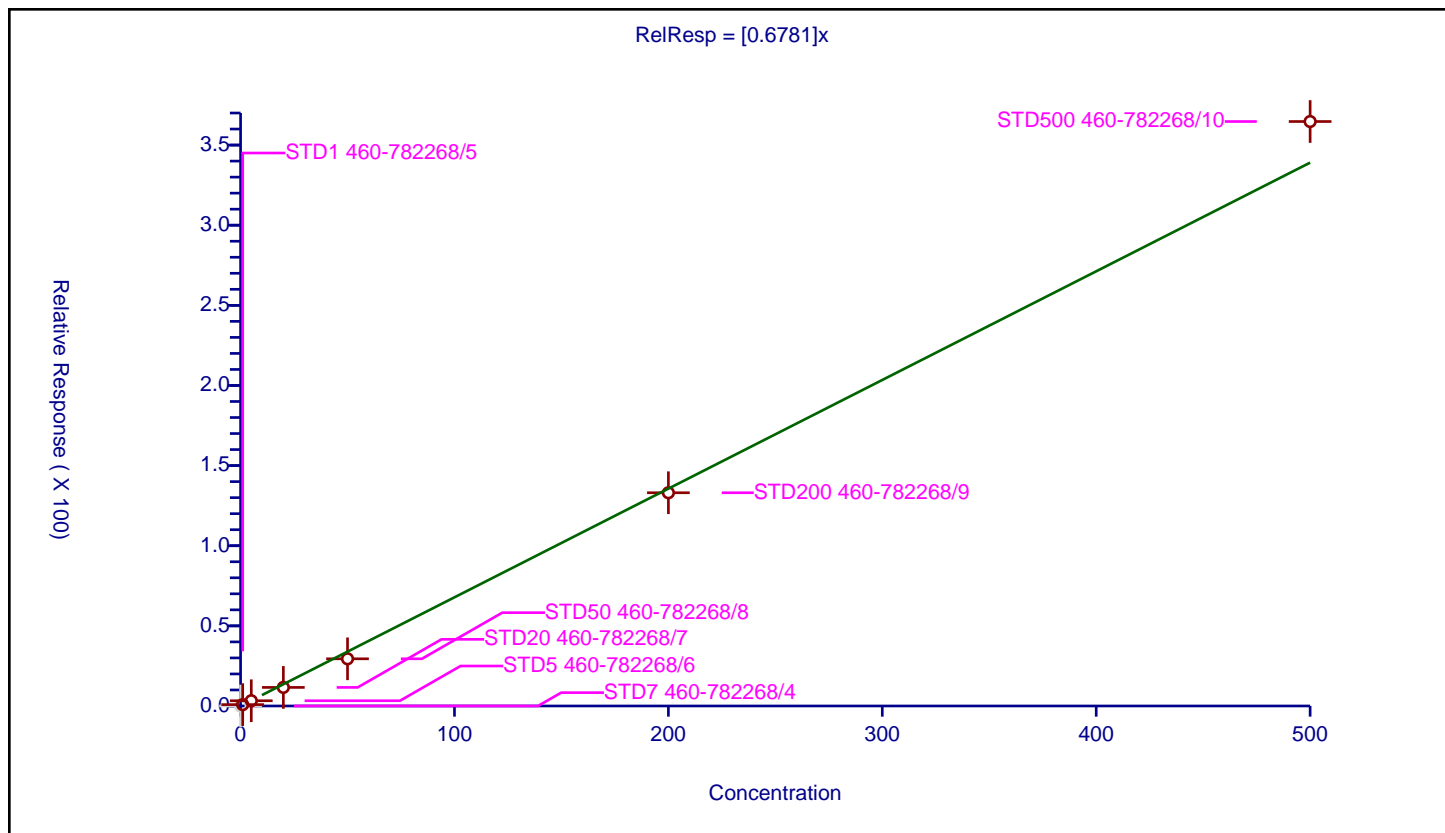
## Curve Coefficients

Intercept: 0  
Slope: 0.6781

## Error Coefficients

Standard Error: 1770000  
Relative Standard Error: 14.9  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.850778	50.0	435131.0	0.850778	Y
3	STD5 460-782268/6	5.0	3.273567	50.0	413998.0	0.654713	Y
4	STD20 460-782268/7	20.0	11.589342	50.0	424597.0	0.579467	Y
5	STD50 460-782268/8	50.0	29.44434	50.0	442231.0	0.588887	Y
6	STD200 460-782268/9	200.0	133.051454	50.0	478041.0	0.665257	Y
7	STD500 460-782268/10	500.0	364.687453	50.0	513571.0	0.729375	Y



# Calibration

/ Ethyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

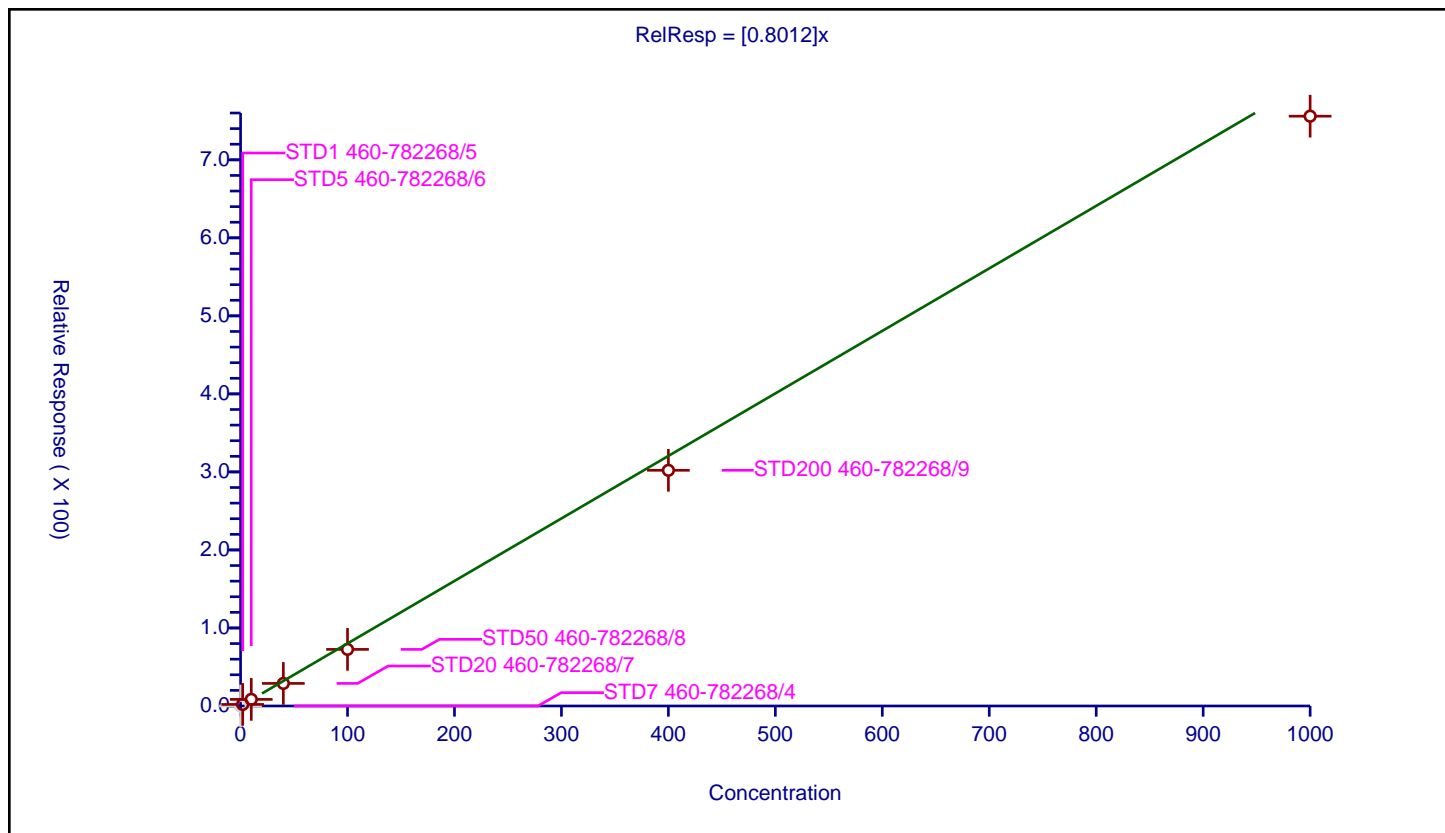
## Curve Coefficients

Intercept: 0  
 Slope: 0.8012

## Error Coefficients

Standard Error: 514000  
 Relative Standard Error: 13.5  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	2.0	2.005424	250.0	218657.0	1.002712	Y
3	STD5 460-782268/6	10.0	8.451071	250.0	197756.0	0.845107	Y
4	STD20 460-782268/7	40.0	28.919747	250.0	230085.0	0.722994	Y
5	STD50 460-782268/8	100.0	72.541468	250.0	242899.0	0.725415	Y
6	STD200 460-782268/9	400.0	302.065266	250.0	299235.0	0.755163	Y
7	STD500 460-782268/10	1000.0	755.937256	250.0	360478.0	0.755937	Y



# Calibration

/ Methyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

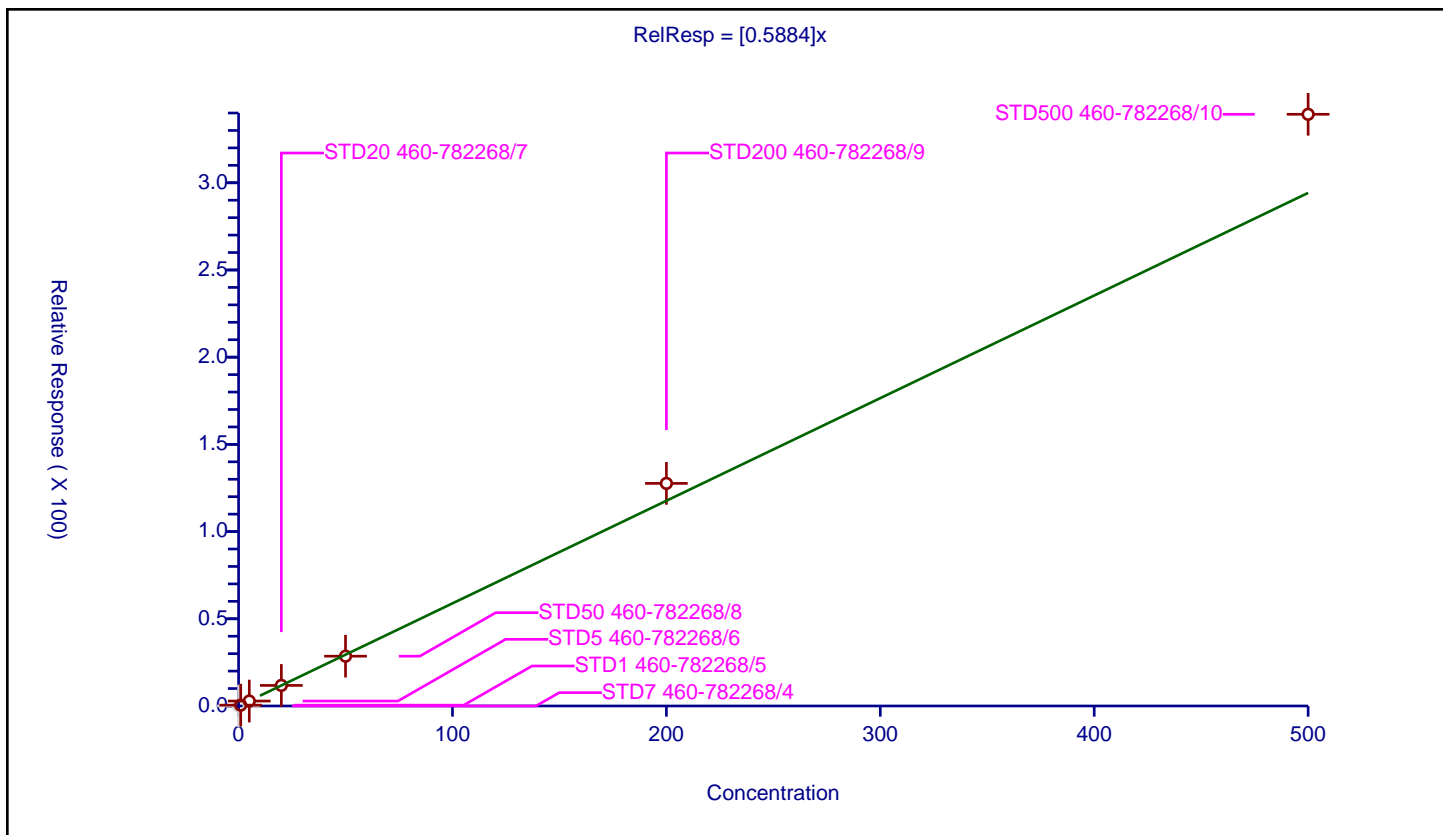
## Curve Coefficients

Intercept: 0  
 Slope: 0.5884

## Error Coefficients

Standard Error: 1660000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.485831	50.0	435131.0	0.485831	Y
3	STD5 460-782268/6	5.0	2.834796	50.0	413998.0	0.566959	Y
4	STD20 460-782268/7	20.0	11.790121	50.0	424597.0	0.589506	Y
5	STD50 460-782268/8	50.0	28.561318	50.0	442231.0	0.571226	Y
6	STD200 460-782268/9	200.0	127.635496	50.0	478041.0	0.638177	Y
7	STD500 460-782268/10	500.0	339.266917	50.0	513571.0	0.678534	Y



## Calibration

/ Propionitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

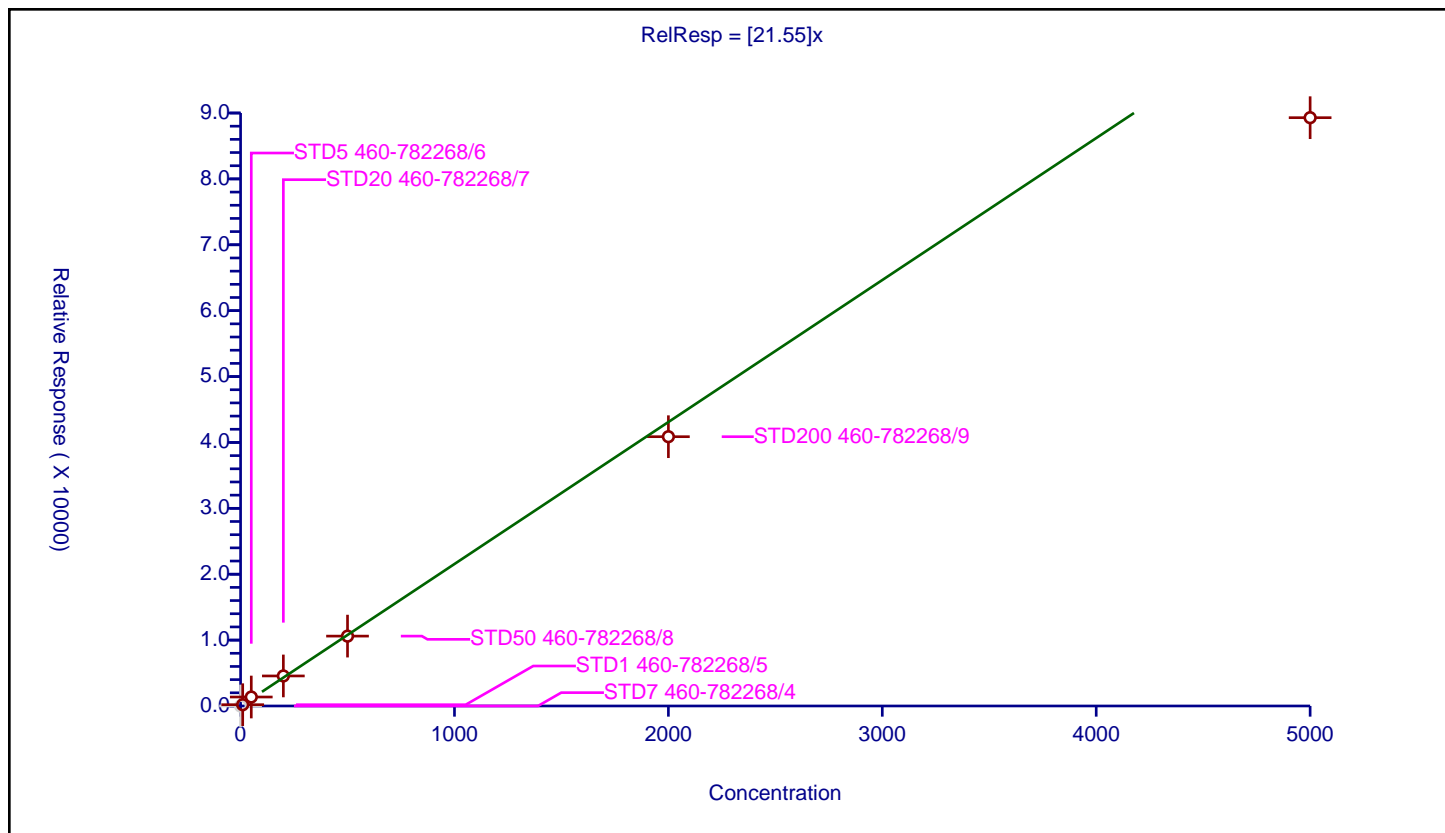
## Curve Coefficients

Intercept: 0  
Slope: 21.55

## Error Coefficients

Standard Error: 2460000  
Relative Standard Error: 15.0  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	34954.0	NaN	N
2	STD1 460-782268/5	10.0	197.38508	1000.0	38701.0	19.738508	Y
3	STD5 460-782268/6	50.0	1362.49495	1000.0	32177.0	27.249899	Y
4	STD20 460-782268/7	200.0	4560.855793	1000.0	37252.0	22.804279	Y
5	STD50 460-782268/8	500.0	10604.145615	1000.0	38595.0	21.208291	Y
6	STD200 460-782268/9	2000.0	40872.66703	1000.0	47686.0	20.436334	Y
7	STD500 460-782268/10	5000.0	89290.727328	1000.0	58818.0	17.858145	Y





# Calibration

/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

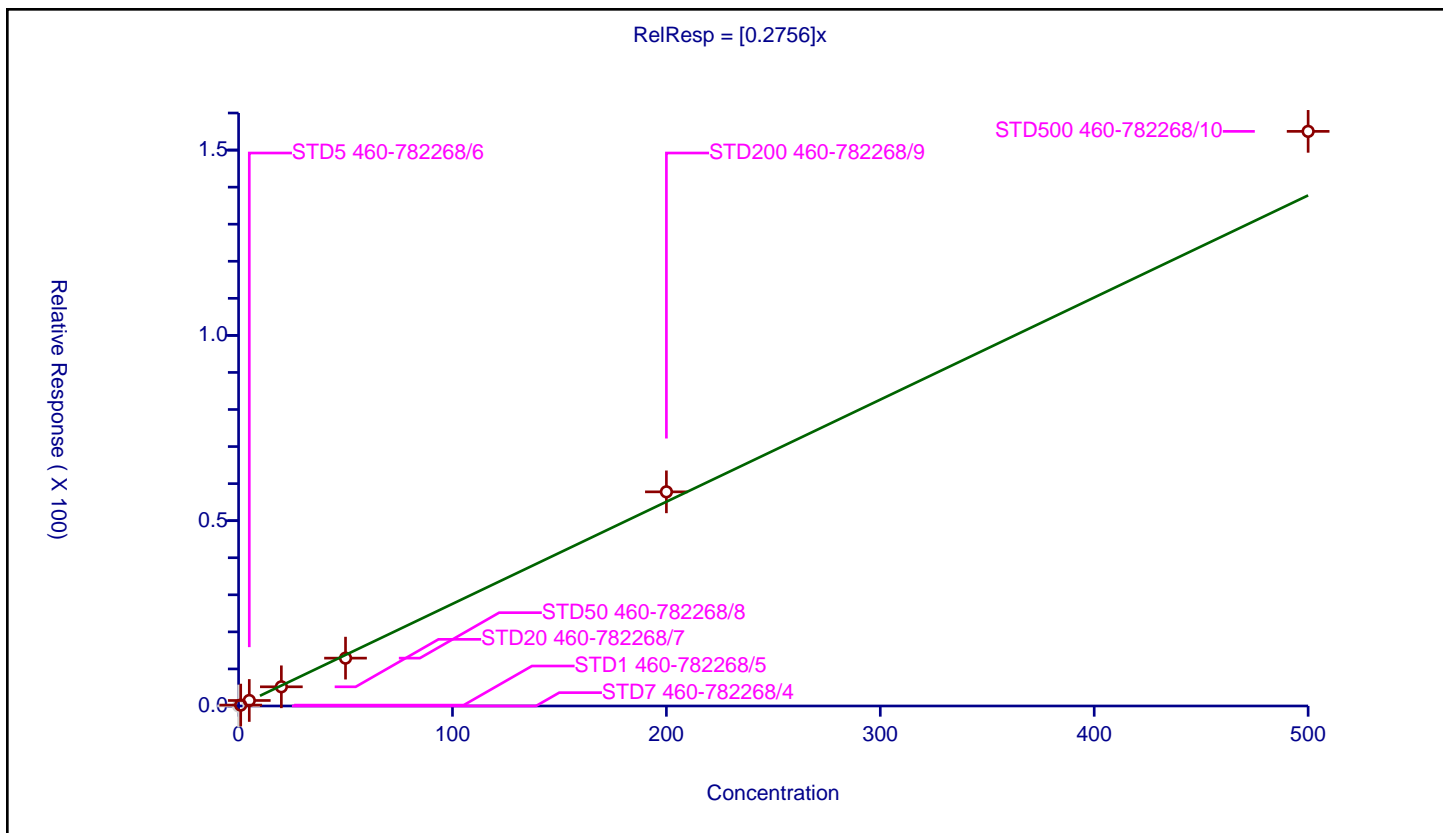
## Curve Coefficients

Intercept: 0  
 Slope: 0.2756

## Error Coefficients

Standard Error: 756000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.240043	50.0	435131.0	0.240043	Y
3	STD5 460-782268/6	5.0	1.485152	50.0	413998.0	0.29703	Y
4	STD20 460-782268/7	20.0	5.1795	50.0	424597.0	0.258975	Y
5	STD50 460-782268/8	50.0	12.91203	50.0	442231.0	0.258241	Y
6	STD200 460-782268/9	200.0	57.784165	50.0	478041.0	0.288921	Y
7	STD500 460-782268/10	500.0	155.048961	50.0	513571.0	0.310098	Y



# Calibration

/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

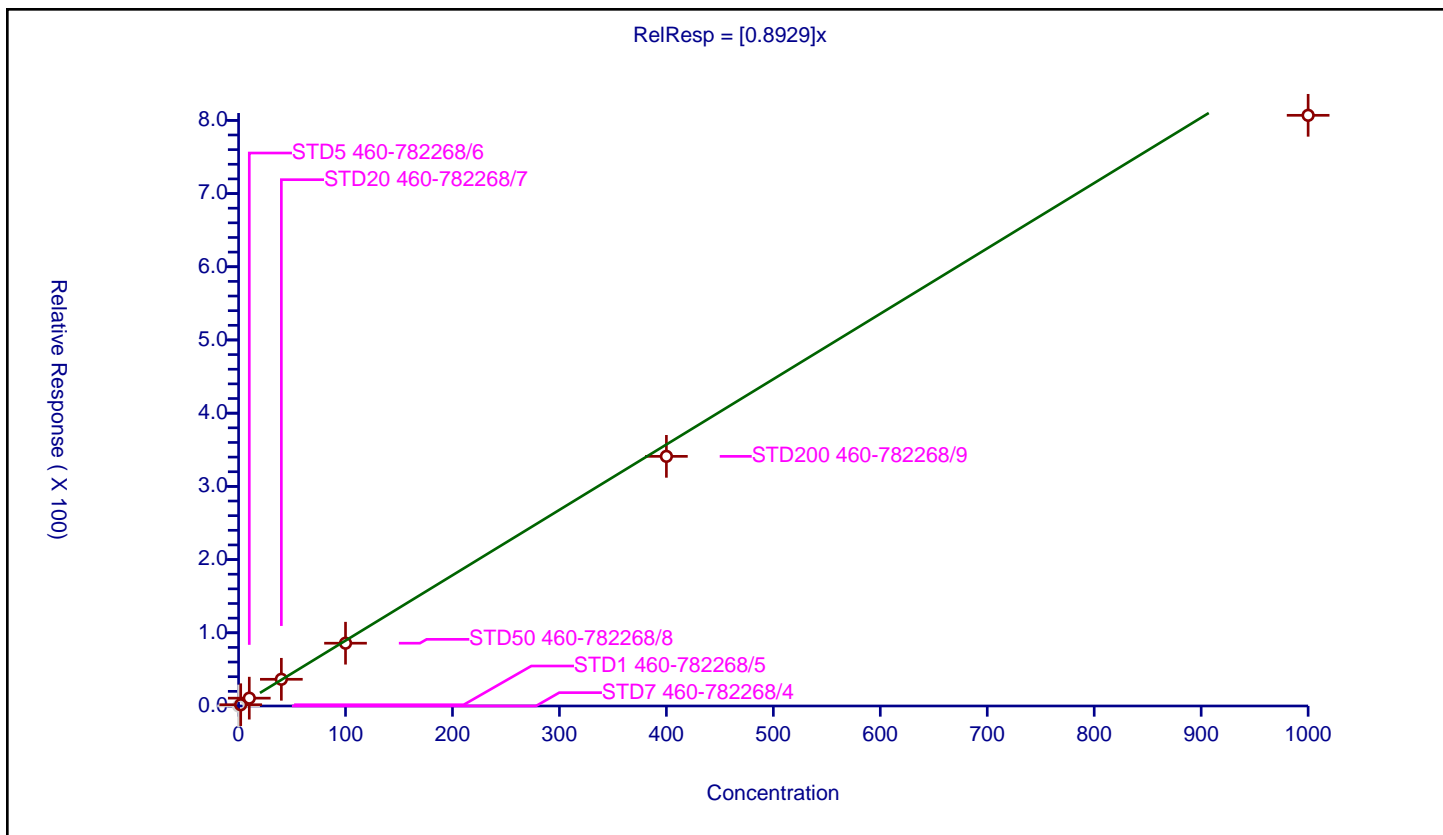
## Curve Coefficients

Intercept: 0  
 Slope: 0.8929

## Error Coefficients

Standard Error: 552000  
 Relative Standard Error: 10.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	2.0	1.718445	250.0	218657.0	0.859222	Y
3	STD5 460-782268/6	10.0	10.696262	250.0	197756.0	1.069626	Y
4	STD20 460-782268/7	40.0	36.468044	250.0	230085.0	0.911701	Y
5	STD50 460-782268/8	100.0	85.772276	250.0	242899.0	0.857723	Y
6	STD200 460-782268/9	400.0	341.012916	250.0	299235.0	0.852532	Y
7	STD500 460-782268/10	1000.0	806.863387	250.0	360478.0	0.806863	Y



# Calibration

/ Methacrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

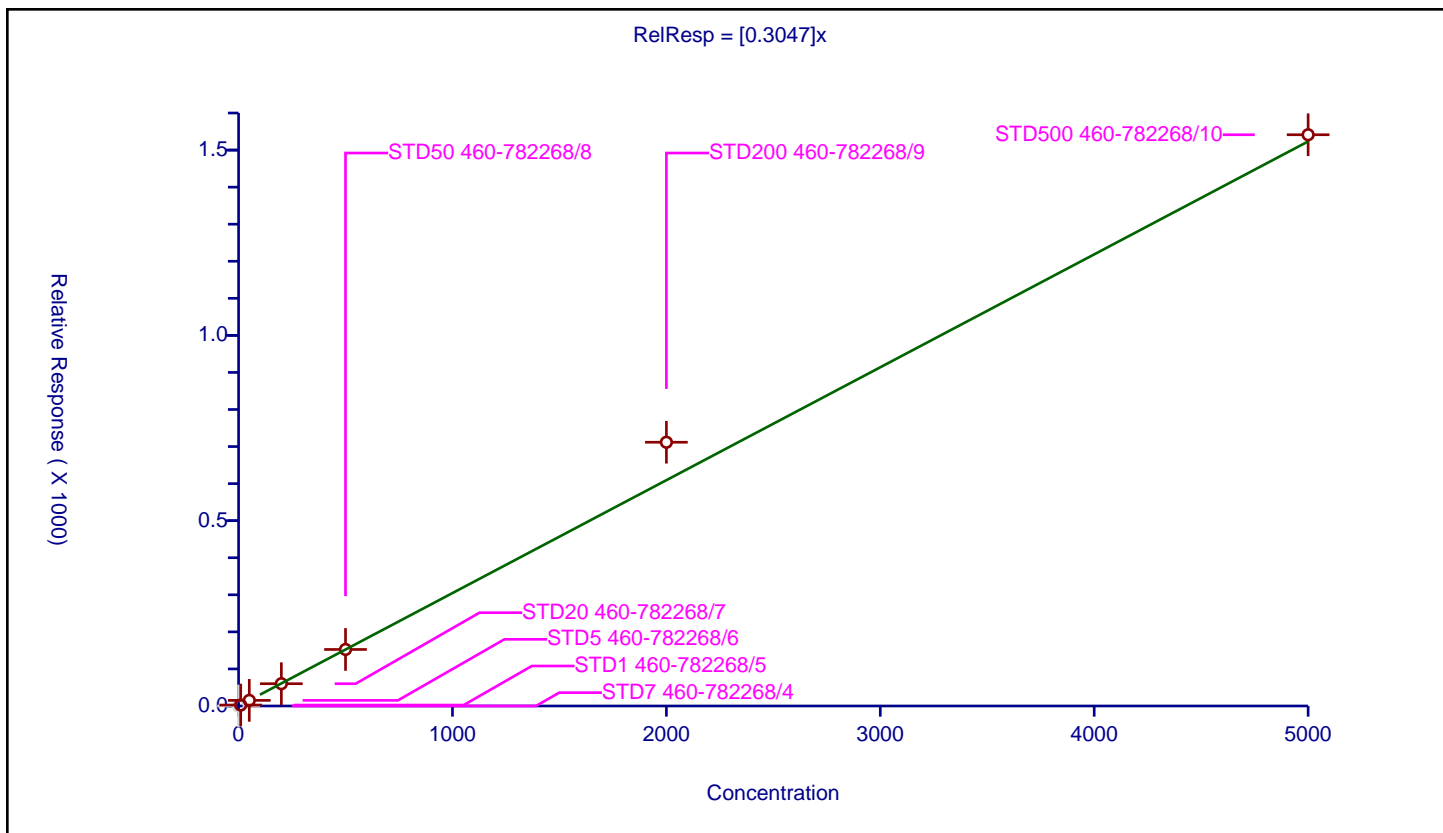
## Curve Coefficients

Intercept: 0  
 Slope: 0.3047

## Error Coefficients

Standard Error: 7730000  
 Relative Standard Error: 10.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	10.0	2.552335	50.0	435131.0	0.255233	Y
3	STD5 460-782268/6	50.0	15.154059	50.0	413998.0	0.303081	Y
4	STD20 460-782268/7	200.0	60.097928	50.0	424597.0	0.30049	Y
5	STD50 460-782268/8	500.0	152.497563	50.0	442231.0	0.304995	Y
6	STD200 460-782268/9	2000.0	711.668455	50.0	478041.0	0.355834	Y
7	STD500 460-782268/10	5000.0	1541.386391	50.0	513571.0	0.308277	Y



# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

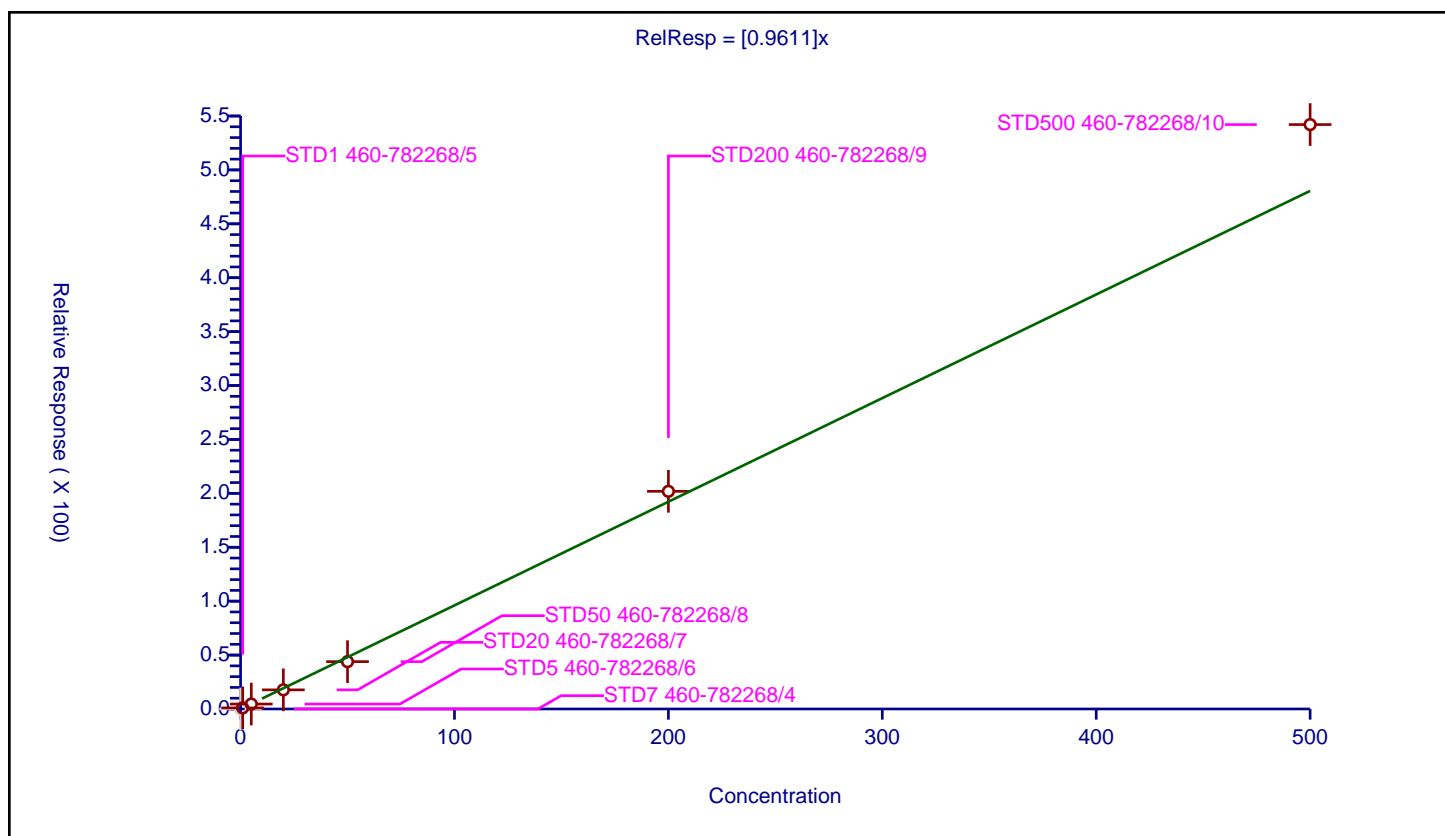
## Curve Coefficients

Intercept: 0  
 Slope: 0.9611

## Error Coefficients

Standard Error: 2640000  
 Relative Standard Error: 8.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.992115	50.0	435131.0	0.992115	Y
3	STD5 460-782268/6	5.0	4.575868	50.0	413998.0	0.915174	Y
4	STD20 460-782268/7	20.0	17.749419	50.0	424597.0	0.887471	Y
5	STD50 460-782268/8	50.0	43.917771	50.0	442231.0	0.878355	Y
6	STD200 460-782268/9	200.0	201.888227	50.0	478041.0	1.009441	Y
7	STD500 460-782268/10	500.0	542.050272	50.0	513571.0	1.084101	Y



# Calibration

/ Cyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

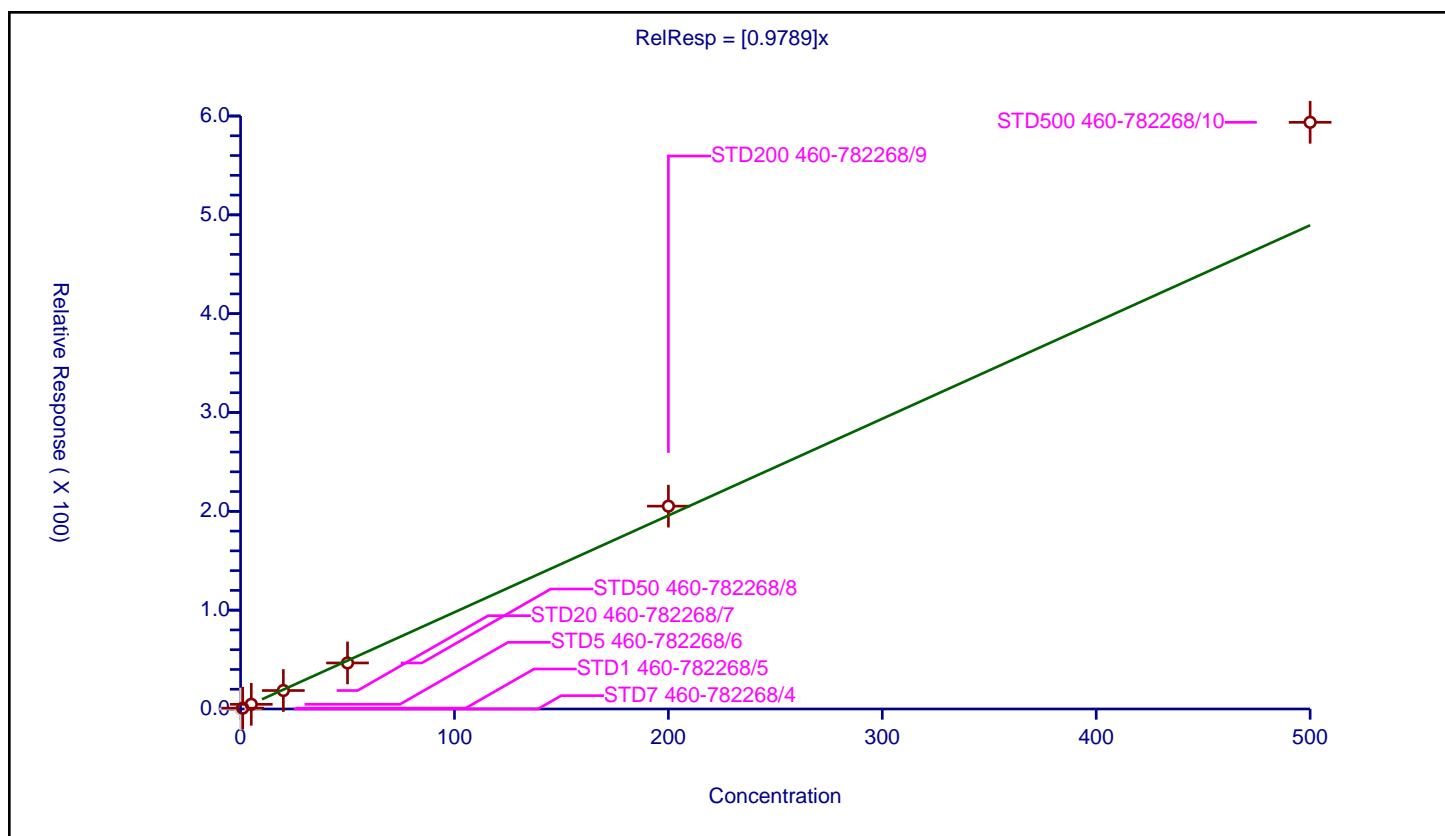
## Curve Coefficients

Intercept: 0  
 Slope: 0.9789

## Error Coefficients

Standard Error: 2870000  
 Relative Standard Error: 12.0  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.845722	50.0	435131.0	0.845722	Y
3	STD5 460-782268/6	5.0	4.738187	50.0	413998.0	0.947637	Y
4	STD20 460-782268/7	20.0	18.698319	50.0	424597.0	0.934916	Y
5	STD50 460-782268/8	50.0	46.583008	50.0	442231.0	0.93166	Y
6	STD200 460-782268/9	200.0	205.250073	50.0	478041.0	1.02625	Y
7	STD500 460-782268/10	500.0	593.634765	50.0	513571.0	1.18727	Y



# Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

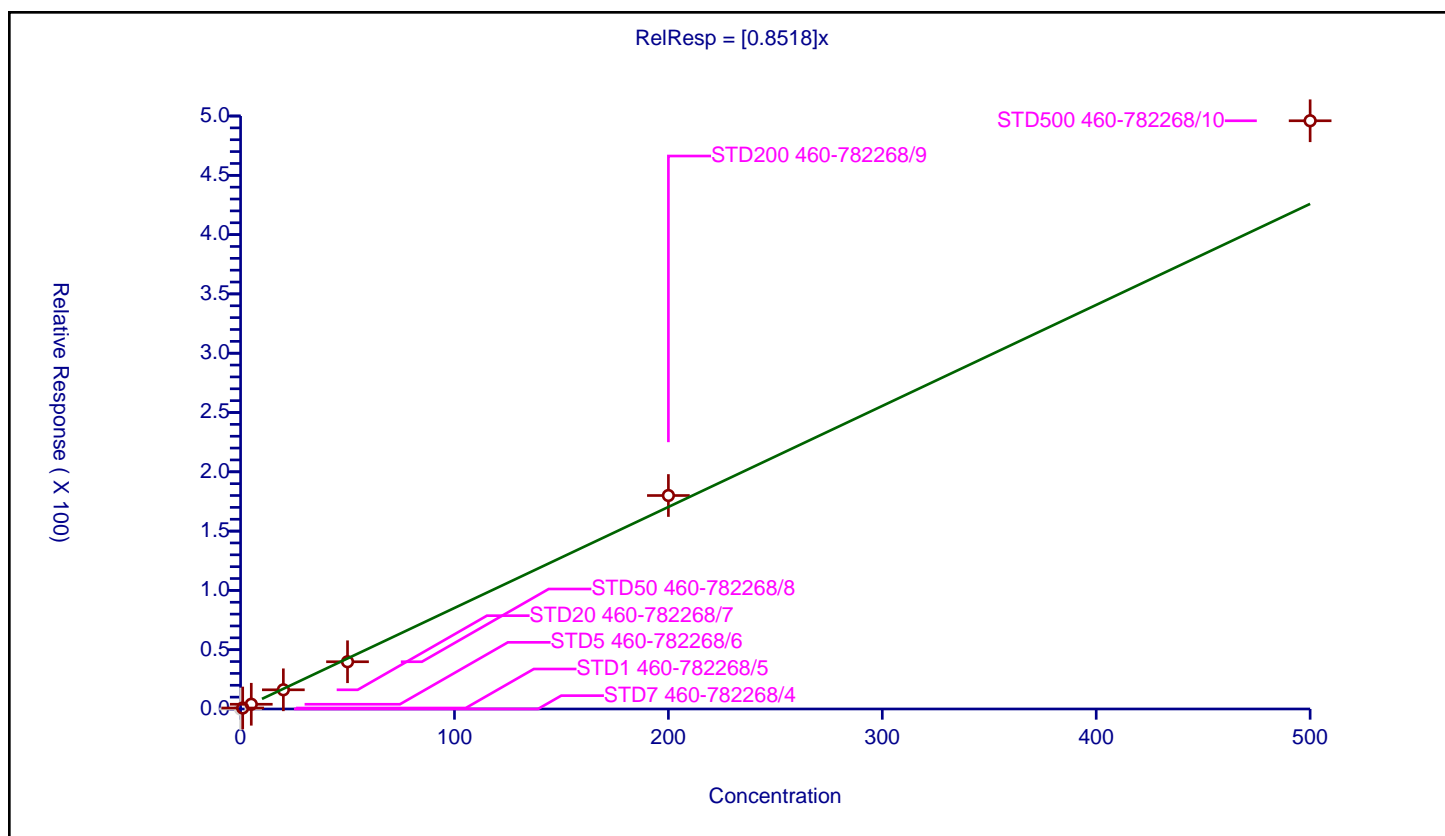
## Curve Coefficients

Intercept: 0  
 Slope: 0.8518

## Error Coefficients

Standard Error: 2410000  
 Relative Standard Error: 9.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.813893	50.0	435131.0	0.813893	Y
3	STD5 460-782268/6	5.0	3.998328	50.0	413998.0	0.799666	Y
4	STD20 460-782268/7	20.0	16.173454	50.0	424597.0	0.808673	Y
5	STD50 460-782268/8	50.0	39.825453	50.0	442231.0	0.796509	Y
6	STD200 460-782268/9	200.0	180.009141	50.0	478041.0	0.900046	Y
7	STD500 460-782268/10	500.0	496.004642	50.0	513571.0	0.992009	Y



# Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

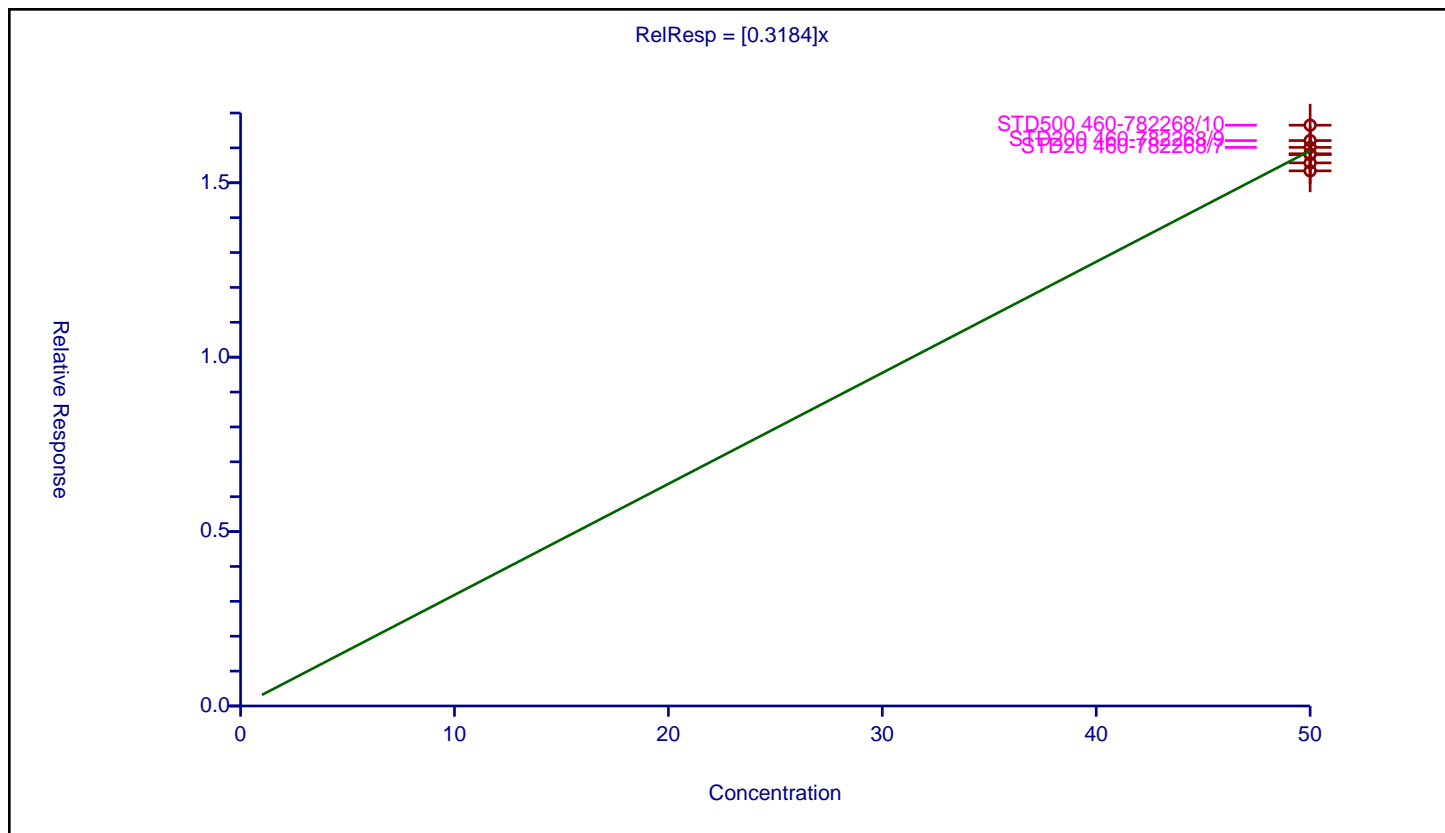
## Curve Coefficients

Intercept: 0  
Slope: 0.3184

## Error Coefficients

Standard Error: 155000  
Relative Standard Error: 2.7  
Correlation Coefficient: 0.00000000000000000000  
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	50.0	15.807906	50.0	433881.0	0.316158	Y
2	STD1 460-782268/5	50.0	15.570368	50.0	435131.0	0.311407	Y
3	STD5 460-782268/6	50.0	15.342103	50.0	413998.0	0.306842	Y
4	STD20 460-782268/7	50.0	16.014597	50.0	424597.0	0.320292	Y
5	STD50 460-782268/8	50.0	15.831884	50.0	442231.0	0.316638	Y
6	STD200 460-782268/9	50.0	16.210011	50.0	478041.0	0.3242	Y
7	STD500 460-782268/10	50.0	16.650668	50.0	513571.0	0.333013	Y



## Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

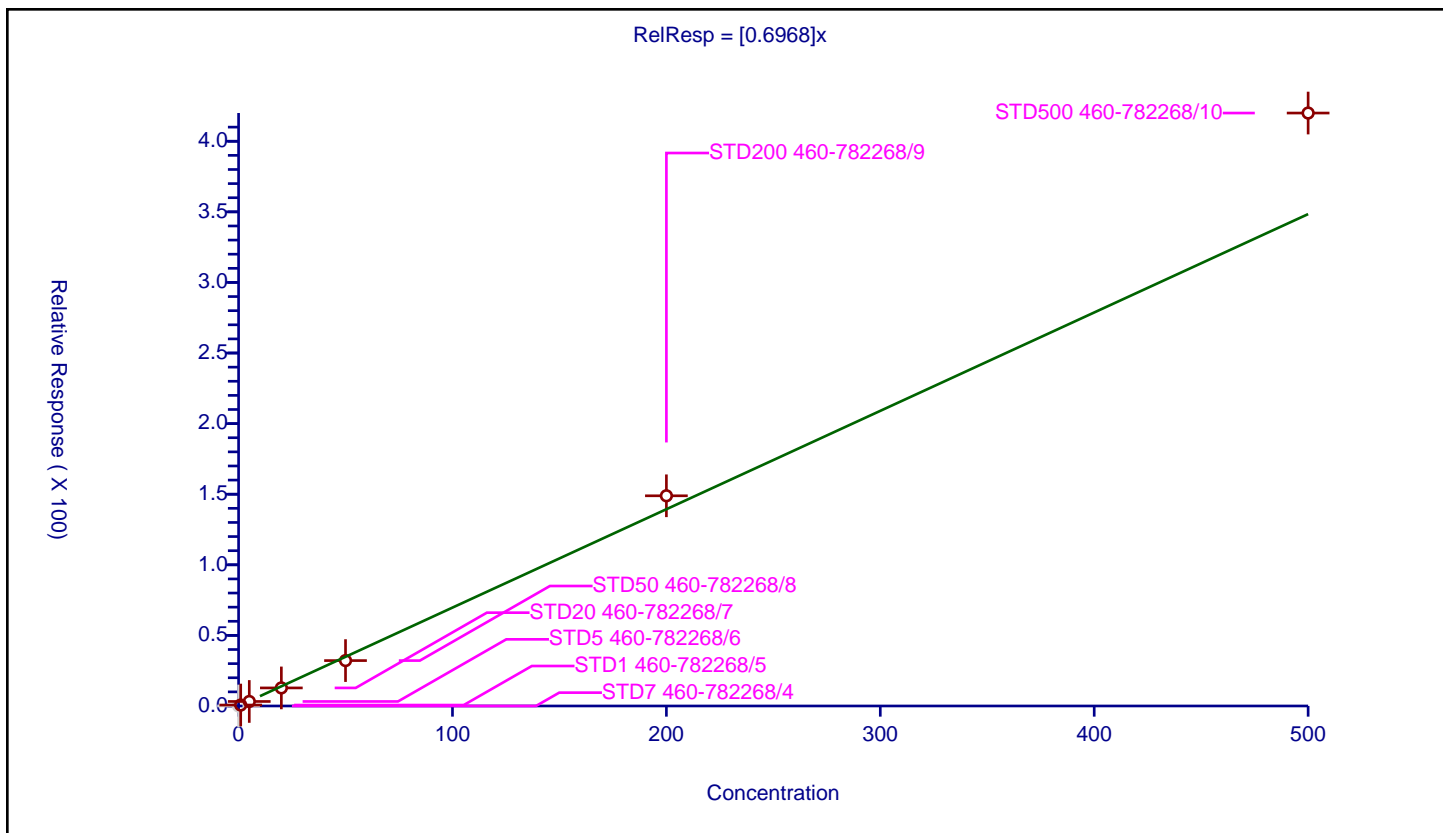
### Curve Coefficients

Intercept: 0  
 Slope: 0.6968

### Error Coefficients

Standard Error: 2040000  
 Relative Standard Error: 11.6  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.67428	50.0	435131.0	0.67428	Y
3	STD5 460-782268/6	5.0	3.197479	50.0	413998.0	0.639496	Y
4	STD20 460-782268/7	20.0	12.794014	50.0	424597.0	0.639701	Y
5	STD50 460-782268/8	50.0	32.147678	50.0	442231.0	0.642954	Y
6	STD200 460-782268/9	200.0	148.889217	50.0	478041.0	0.744446	Y
7	STD500 460-782268/10	500.0	419.983994	50.0	513571.0	0.839968	Y





# Calibration

/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

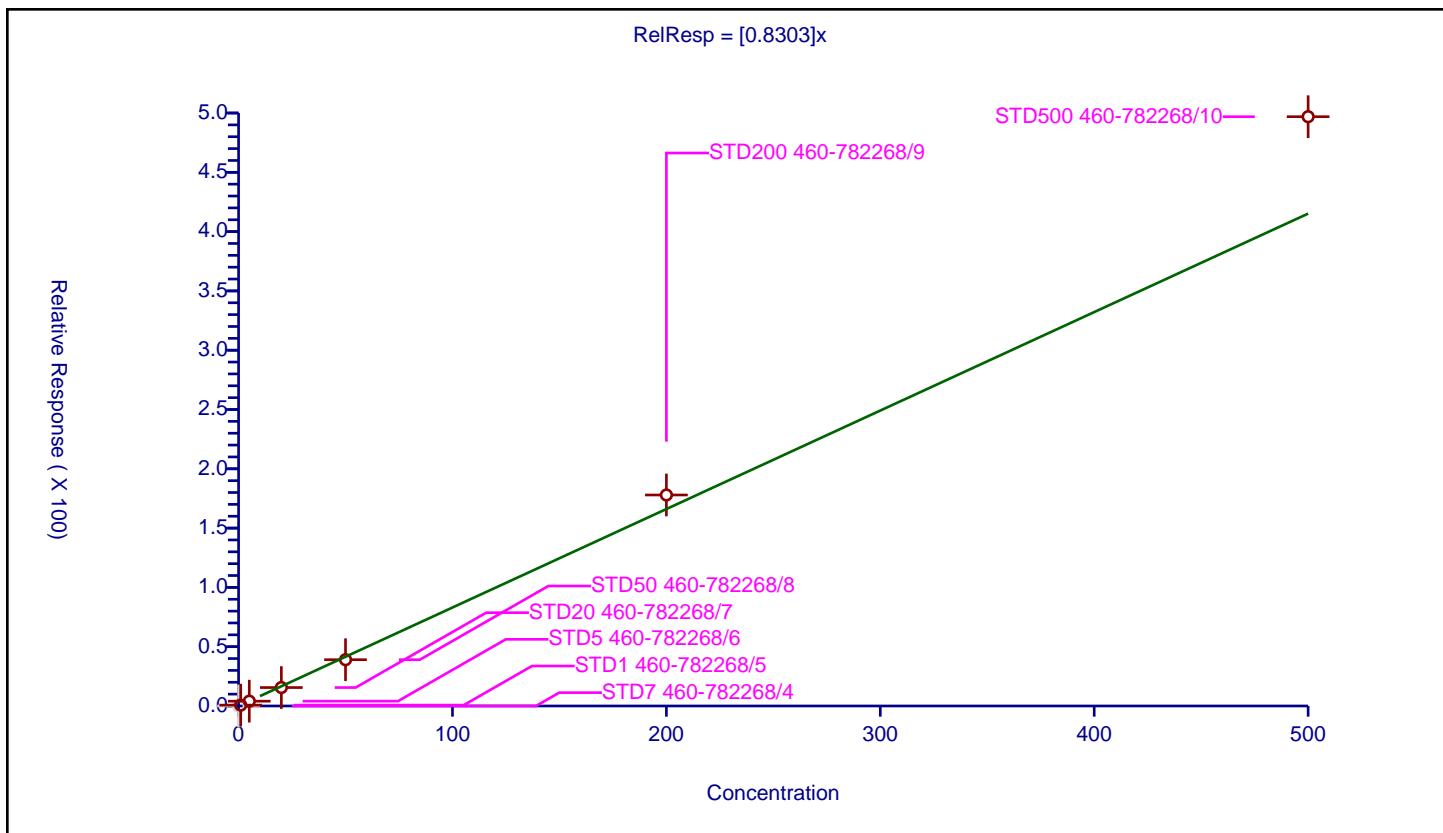
## Curve Coefficients

Intercept: 0  
 Slope: 0.8303

## Error Coefficients

Standard Error: 2410000  
 Relative Standard Error: 11.6  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.728861	50.0	435131.0	0.728861	Y
3	STD5 460-782268/6	5.0	4.059078	50.0	413998.0	0.811816	Y
4	STD20 460-782268/7	20.0	15.552394	50.0	424597.0	0.77762	Y
5	STD50 460-782268/8	50.0	39.015808	50.0	442231.0	0.780316	Y
6	STD200 460-782268/9	200.0	177.923442	50.0	478041.0	0.889617	Y
7	STD500 460-782268/10	500.0	496.907828	50.0	513571.0	0.993816	Y



## Calibration

/ Isobutyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

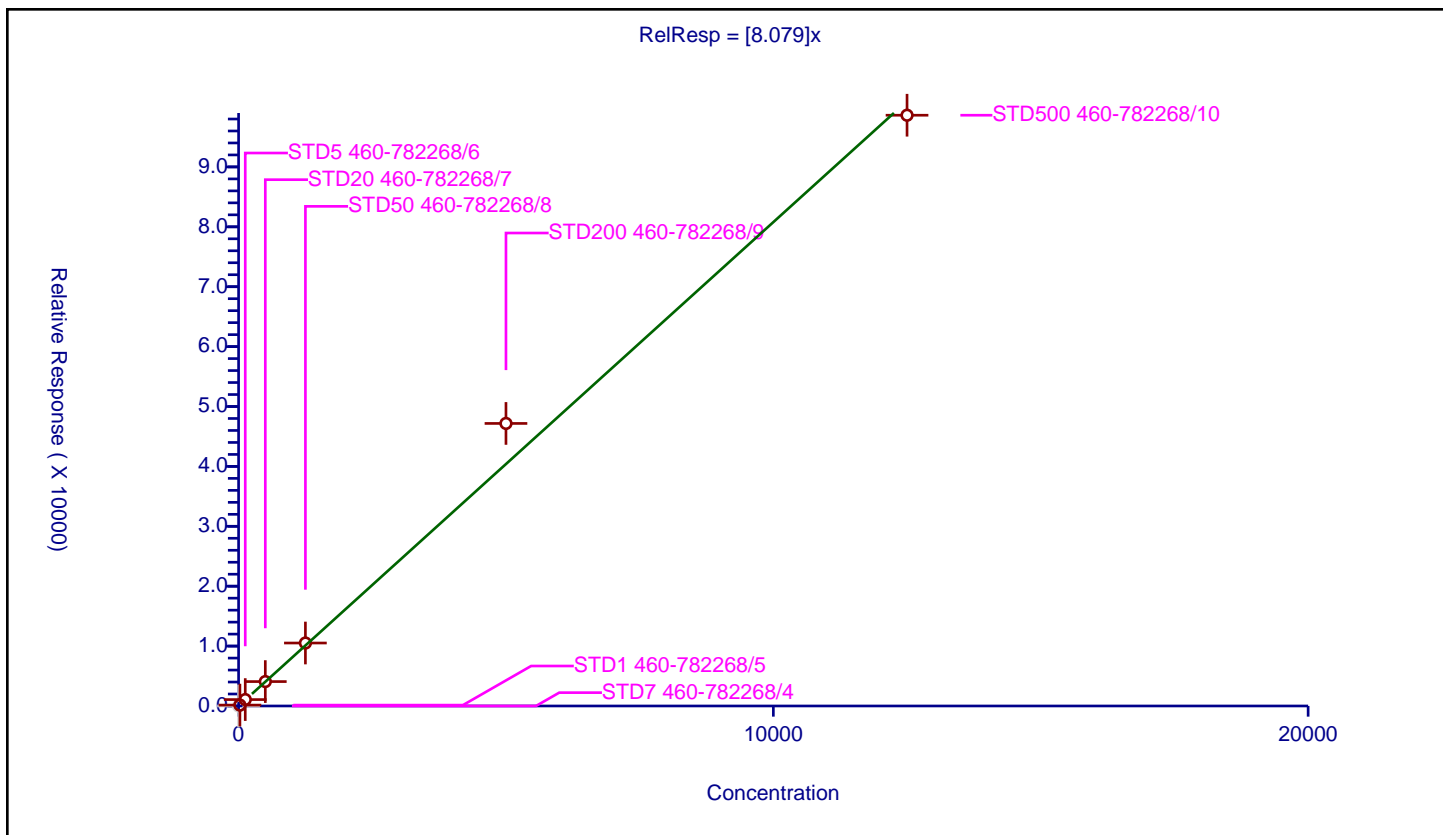
### Curve Coefficients

Intercept: 0  
 Slope: 8.079

### Error Coefficients

Standard Error: 2740000  
 Relative Standard Error: 14.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	34954.0	NaN	N
2	STD1 460-782268/5	25.0	150.099481	1000.0	38701.0	6.003979	Y
3	STD5 460-782268/6	125.0	1072.567362	1000.0	32177.0	8.580539	Y
4	STD20 460-782268/7	500.0	4076.264362	1000.0	37252.0	8.152529	Y
5	STD50 460-782268/8	1250.0	10512.242518	1000.0	38595.0	8.409794	Y
6	STD200 460-782268/9	5000.0	47172.587342	1000.0	47686.0	9.434517	Y
7	STD500 460-782268/10	12500.0	98630.402258	1000.0	58818.0	7.890432	Y



## Calibration

/ Isooctane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

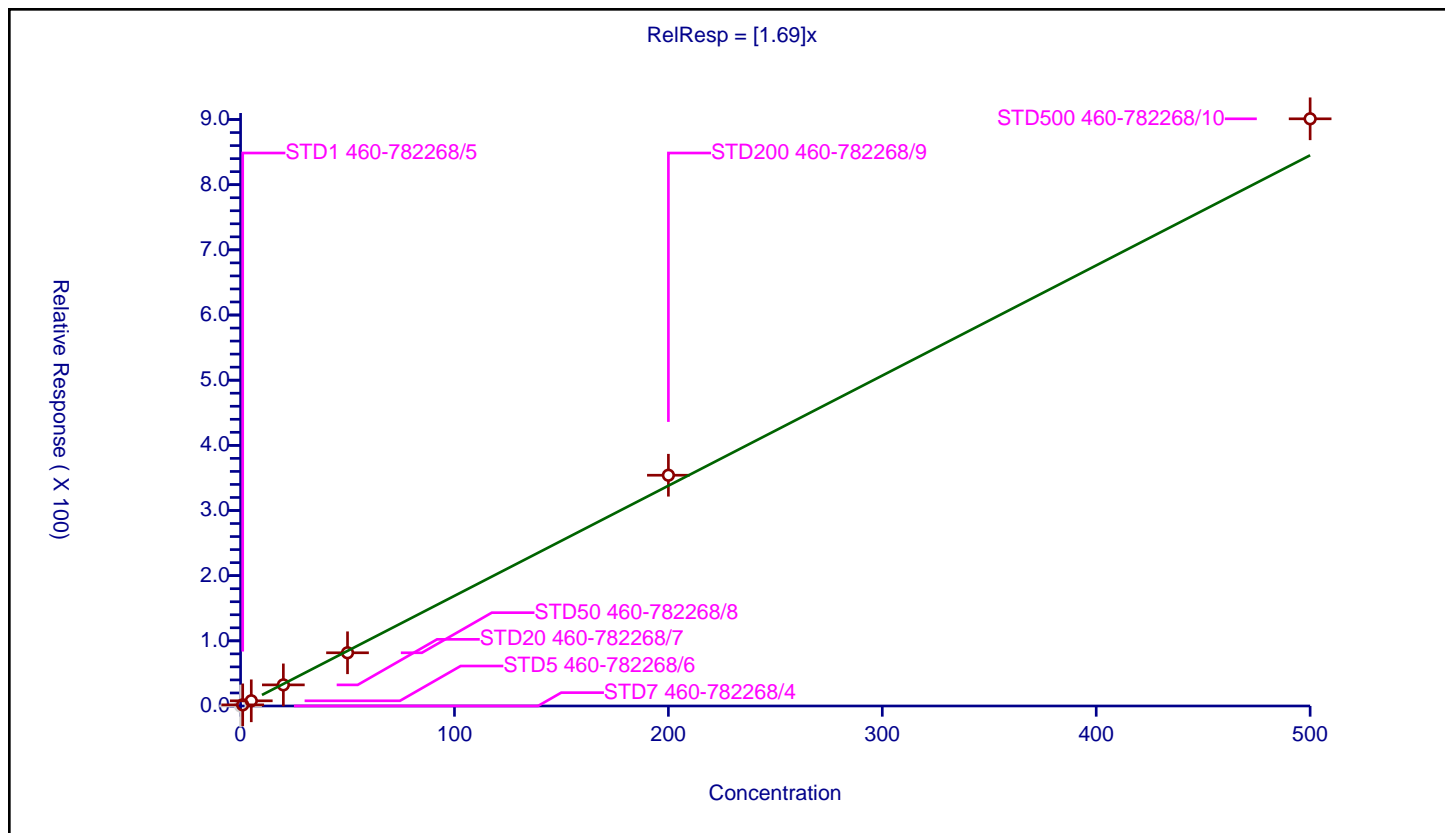
## Curve Coefficients

Intercept: 0  
Slope: 1.69

## Error Coefficients

Standard Error: 4420000  
Relative Standard Error: 5.2  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	1.727411	50.0	435131.0	1.727411	Y
3	STD5 460-782268/6	5.0	7.939773	50.0	413998.0	1.587955	Y
4	STD20 460-782268/7	20.0	32.405552	50.0	424597.0	1.620278	Y
5	STD50 460-782268/8	50.0	81.653593	50.0	442231.0	1.633072	Y
6	STD200 460-782268/9	200.0	354.145042	50.0	478041.0	1.770725	Y
7	STD500 460-782268/10	500.0	901.100335	50.0	513571.0	1.802201	Y



# Calibration

/ Benzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

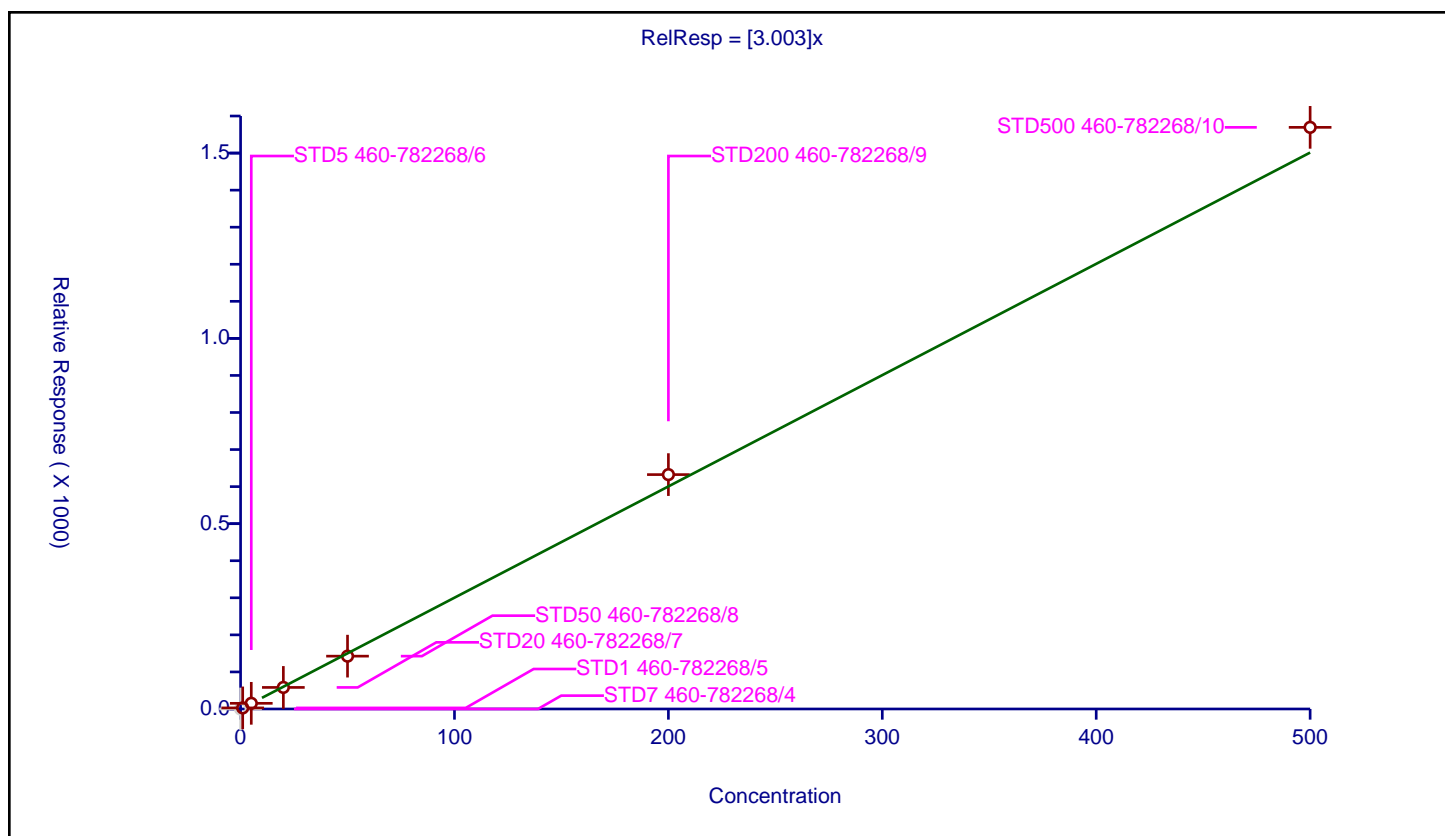
## Curve Coefficients

Intercept: 0  
 Slope: 3.003

## Error Coefficients

Standard Error: 6150000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	2.898452	50.0	345443.0	2.898452	Y
3	STD5 460-782268/6	5.0	15.283126	50.0	324626.0	3.056625	Y
4	STD20 460-782268/7	20.0	58.178162	50.0	337368.0	2.908908	Y
5	STD50 460-782268/8	50.0	142.548673	50.0	355742.0	2.850973	Y
6	STD200 460-782268/9	200.0	632.40208	50.0	389529.0	3.16201	Y
7	STD500 460-782268/10	500.0	1569.427252	50.0	407963.0	3.138855	Y



# Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

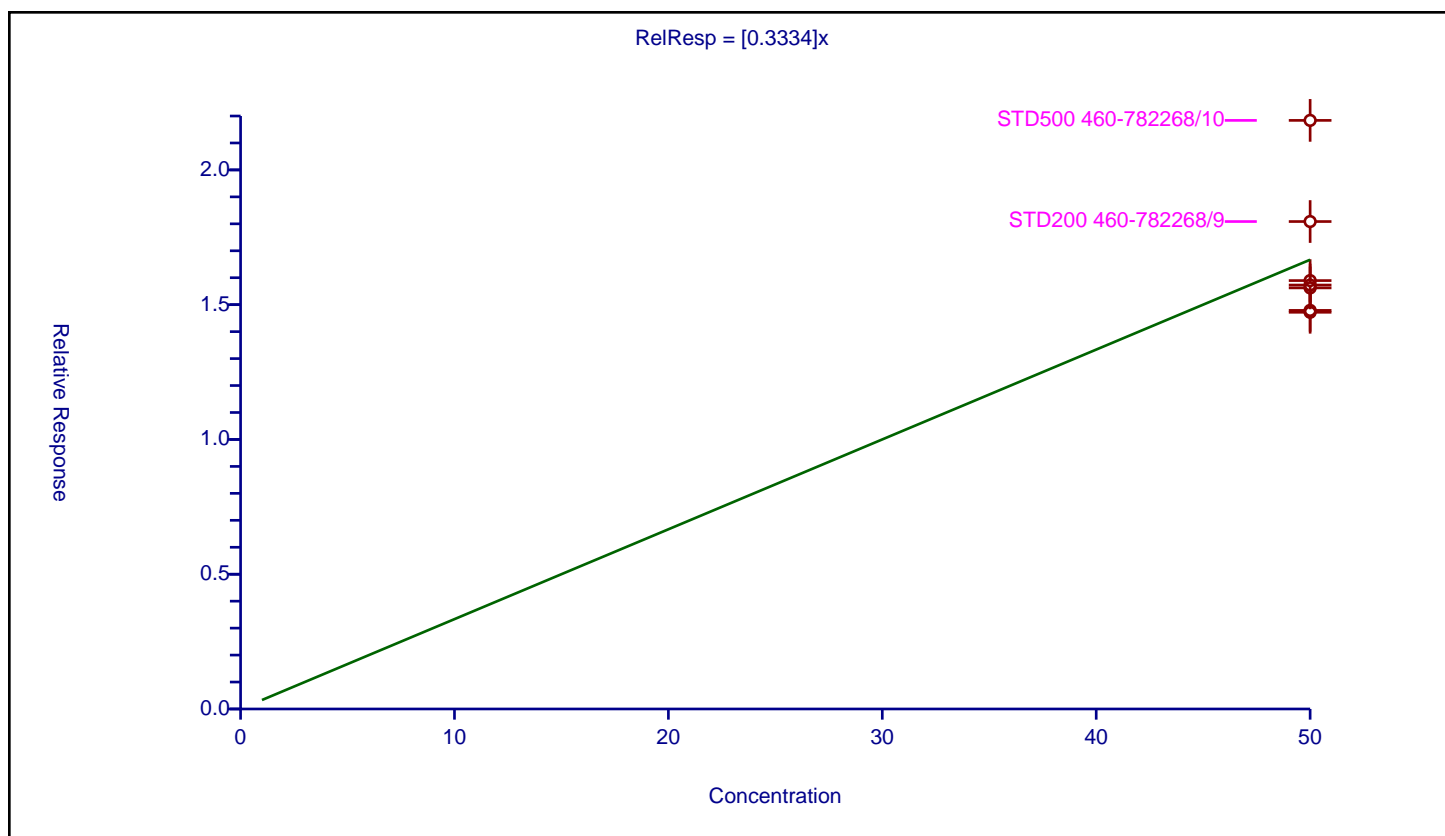
## Curve Coefficients

Intercept: 0  
 Slope: 0.3334

## Error Coefficients

Standard Error: 167000  
 Relative Standard Error: 15.2  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	50.0	14.788156	50.0	433881.0	0.295763	Y
2	STD1 460-782268/5	50.0	15.622422	50.0	435131.0	0.312448	Y
3	STD5 460-782268/6	50.0	14.717945	50.0	413998.0	0.294359	Y
4	STD20 460-782268/7	50.0	15.894248	50.0	424597.0	0.317885	Y
5	STD50 460-782268/8	50.0	15.728997	50.0	442231.0	0.31458	Y
6	STD200 460-782268/9	50.0	18.085373	50.0	478041.0	0.361707	Y
7	STD500 460-782268/10	50.0	21.83739	50.0	513571.0	0.436748	Y



# Calibration

/ Isopropyl acetate

Curve Type: Quadratic  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

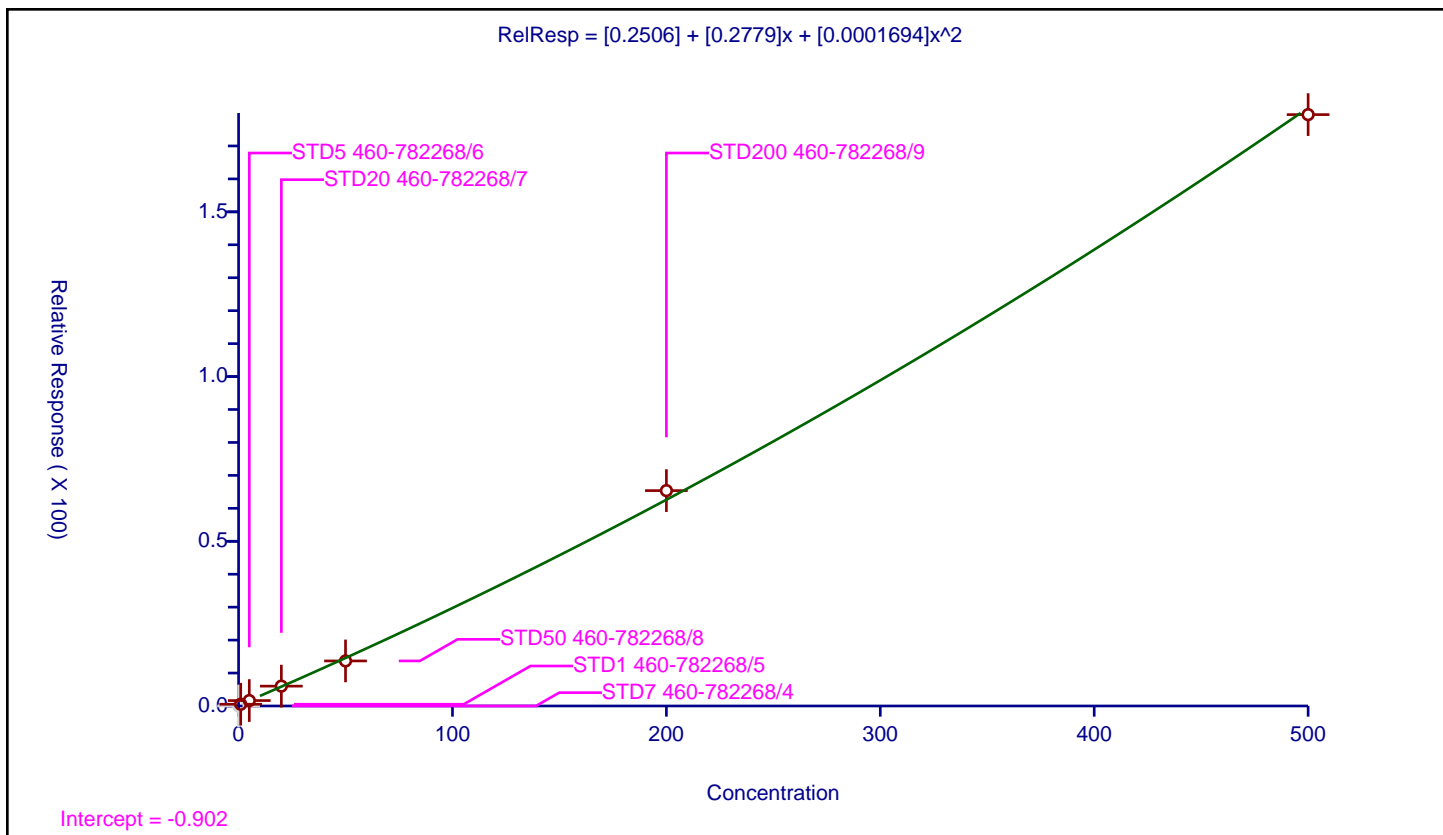
## Curve Coefficients

Intercept: 0.2506  
 Slope: 0.2779  
 Second Order: 0.0001694

## Error Coefficients

Standard Error: 1130000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.528462	50.0	435131.0	0.528462	Y
3	STD5 460-782268/6	5.0	1.646868	50.0	413998.0	0.329374	Y
4	STD20 460-782268/7	20.0	6.030424	50.0	424597.0	0.301521	Y
5	STD50 460-782268/8	50.0	13.678033	50.0	442231.0	0.273561	Y
6	STD200 460-782268/9	200.0	65.376819	50.0	478041.0	0.326884	Y
7	STD500 460-782268/10	500.0	179.514128	50.0	513571.0	0.359028	Y



# Calibration

/ Tert-amyl methyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

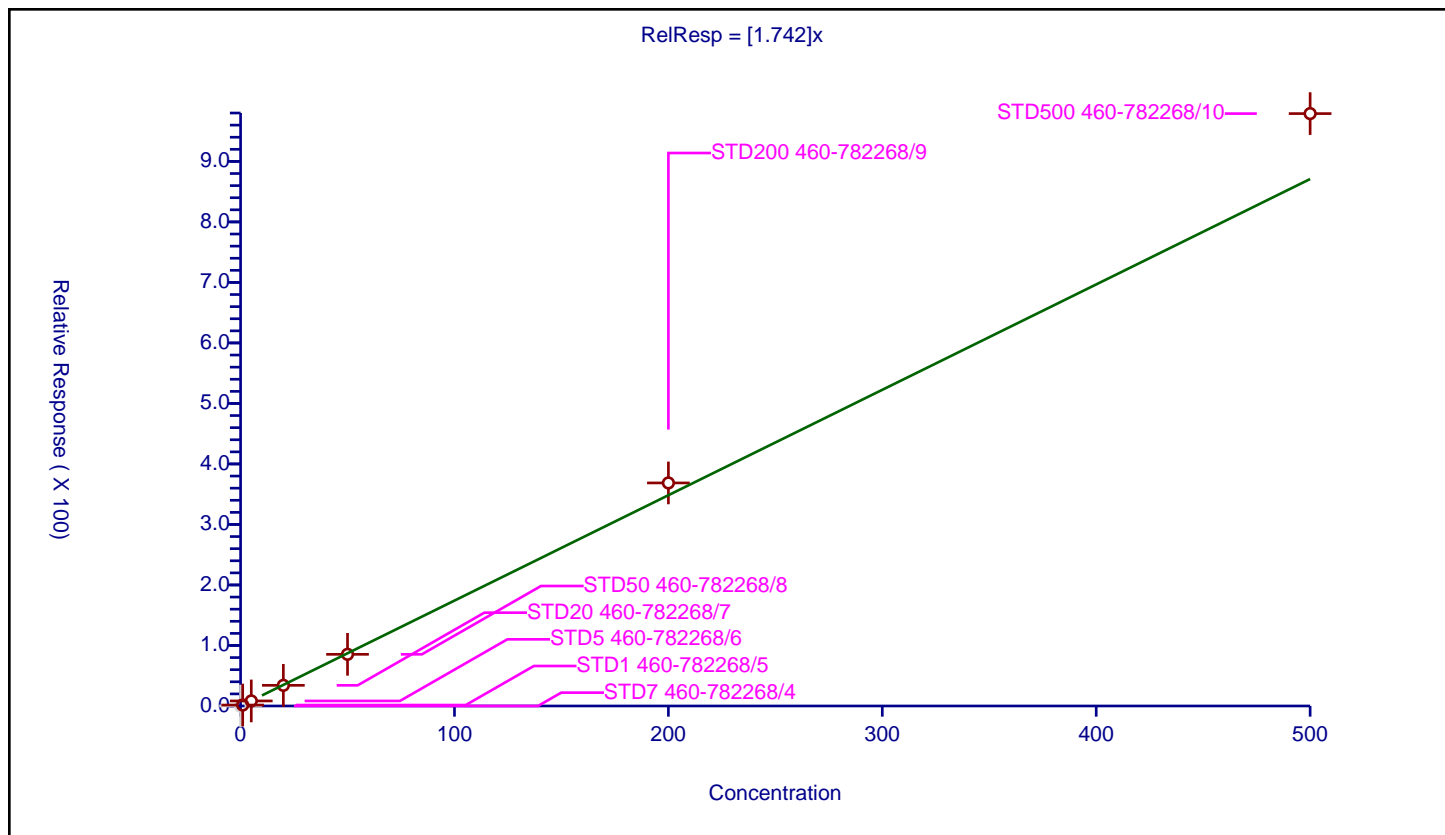
## Curve Coefficients

Intercept: 0  
 Slope: 1.742

## Error Coefficients

Standard Error: 4780000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	1.567574	50.0	435131.0	1.567574	Y
3	STD5 460-782268/6	5.0	8.338929	50.0	413998.0	1.667786	Y
4	STD20 460-782268/7	20.0	34.12742	50.0	424597.0	1.706371	Y
5	STD50 460-782268/8	50.0	85.378569	50.0	442231.0	1.707571	Y
6	STD200 460-782268/9	200.0	368.630933	50.0	478041.0	1.843155	Y
7	STD500 460-782268/10	500.0	979.035421	50.0	513571.0	1.958071	Y



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

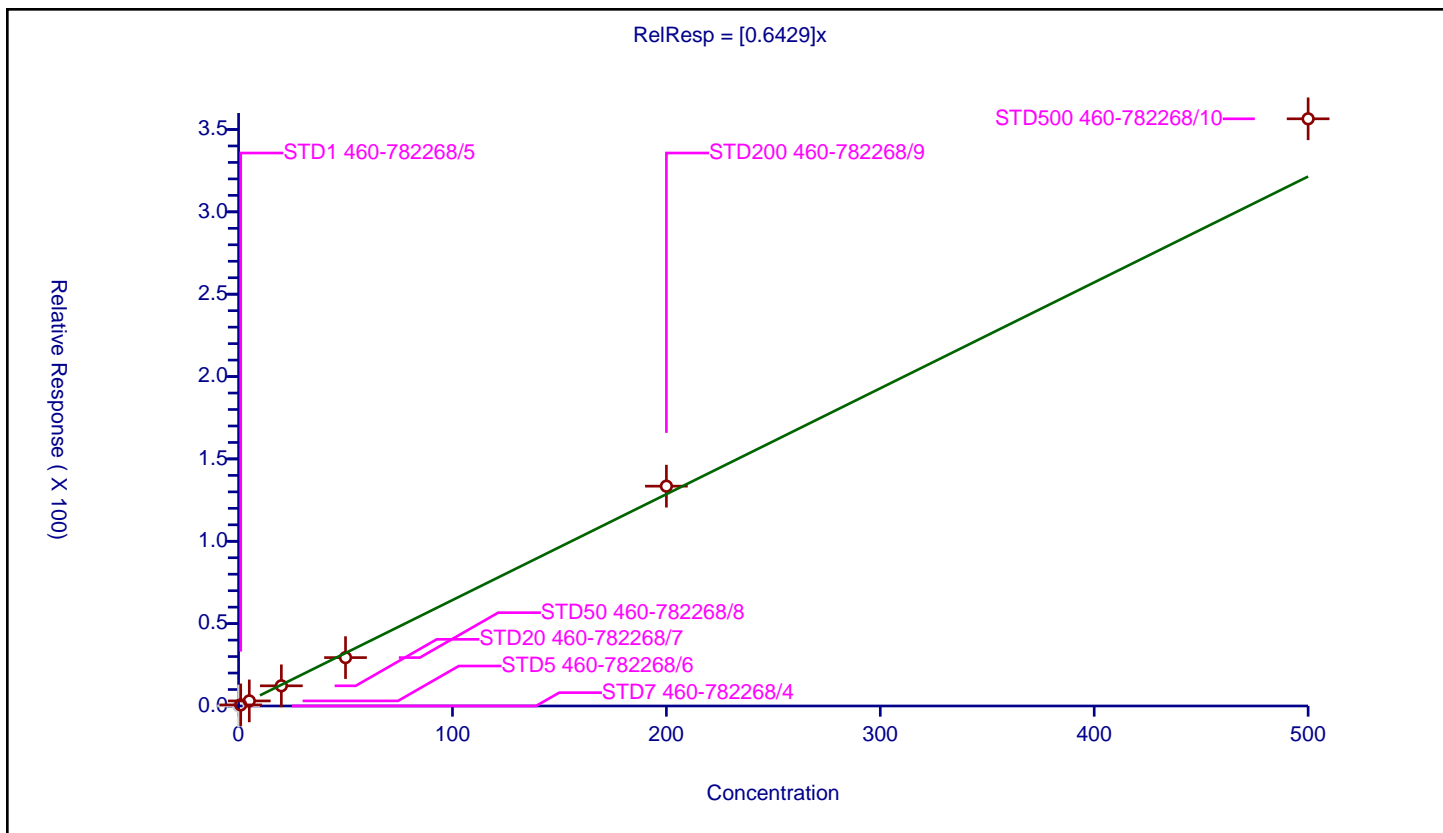
## Curve Coefficients

Intercept: 0  
 Slope: 0.6429

## Error Coefficients

Standard Error: 1740000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.658537	50.0	435131.0	0.658537	Y
3	STD5 460-782268/6	5.0	3.091561	50.0	413998.0	0.618312	Y
4	STD20 460-782268/7	20.0	12.255032	50.0	424597.0	0.612752	Y
5	STD50 460-782268/8	50.0	29.382382	50.0	442231.0	0.587648	Y
6	STD200 460-782268/9	200.0	133.456858	50.0	478041.0	0.667284	Y
7	STD500 460-782268/10	500.0	356.479143	50.0	513571.0	0.712958	Y





## Calibration

/ n-Heptane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

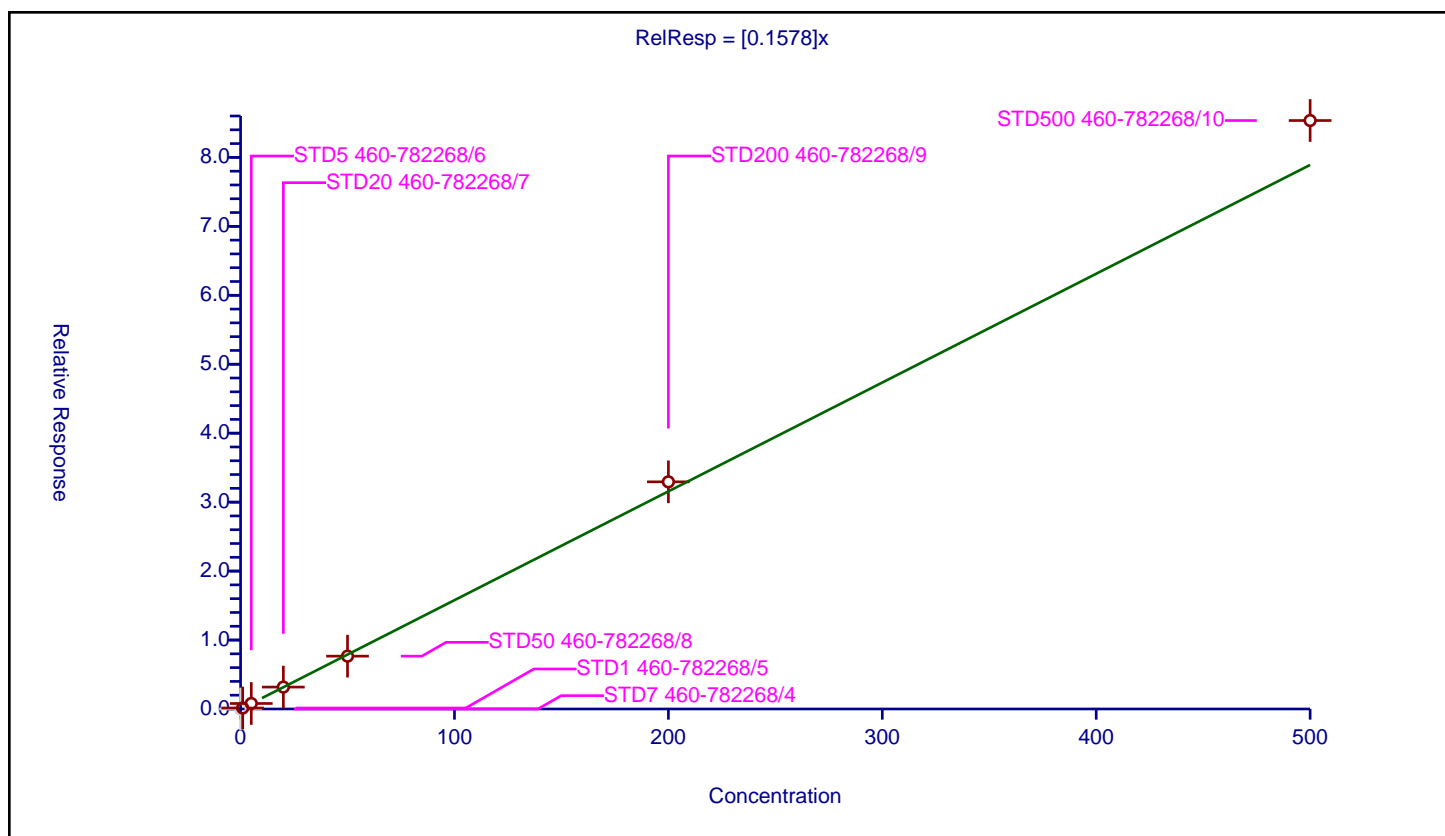
## Curve Coefficients

Intercept: 0  
Slope: 0.1578

## Error Coefficients

Standard Error: 418000  
Relative Standard Error: 6.8  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.139383	50.0	435131.0	0.139383	Y
3	STD5 460-782268/6	5.0	0.799521	50.0	413998.0	0.159904	Y
4	STD20 460-782268/7	20.0	3.177601	50.0	424597.0	0.15888	Y
5	STD50 460-782268/8	50.0	7.664433	50.0	442231.0	0.153289	Y
6	STD200 460-782268/9	200.0	32.944664	50.0	478041.0	0.164723	Y
7	STD500 460-782268/10	500.0	85.348082	50.0	513571.0	0.170696	Y



# Calibration

/ n-Butanol

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

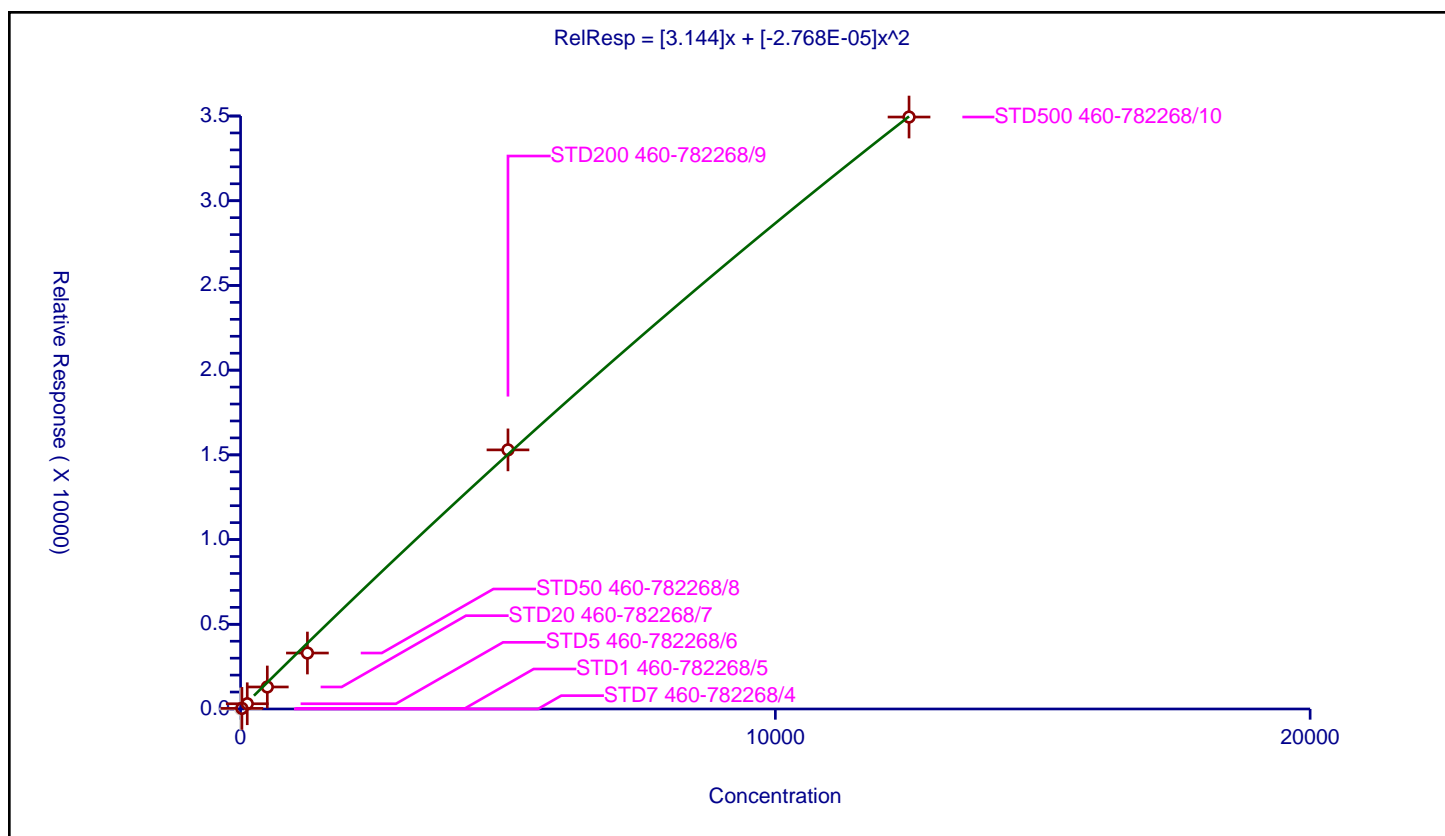
## Curve Coefficients

Intercept: 0  
 Slope: 3.144  
 Second Order: -2.768E-05

## Error Coefficients

Standard Error: 1070000  
 Relative Standard Error: 31.9  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	34954.0	NaN	N
2	STD1 460-782268/5	25.0	34.831141	1000.0	38701.0	1.393246	Y
3	STD5 460-782268/6	125.0	308.978463	1000.0	32177.0	2.471828	Y
4	STD20 460-782268/7	500.0	1299.366477	1000.0	37252.0	2.598733	Y
5	STD50 460-782268/8	1250.0	3302.733515	1000.0	38595.0	2.642187	Y
6	STD200 460-782268/9	5000.0	15293.985656	1000.0	47686.0	3.058797	Y
7	STD500 460-782268/10	12500.0	34940.086368	1000.0	58818.0	2.795207	Y



# Calibration

/ Trichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

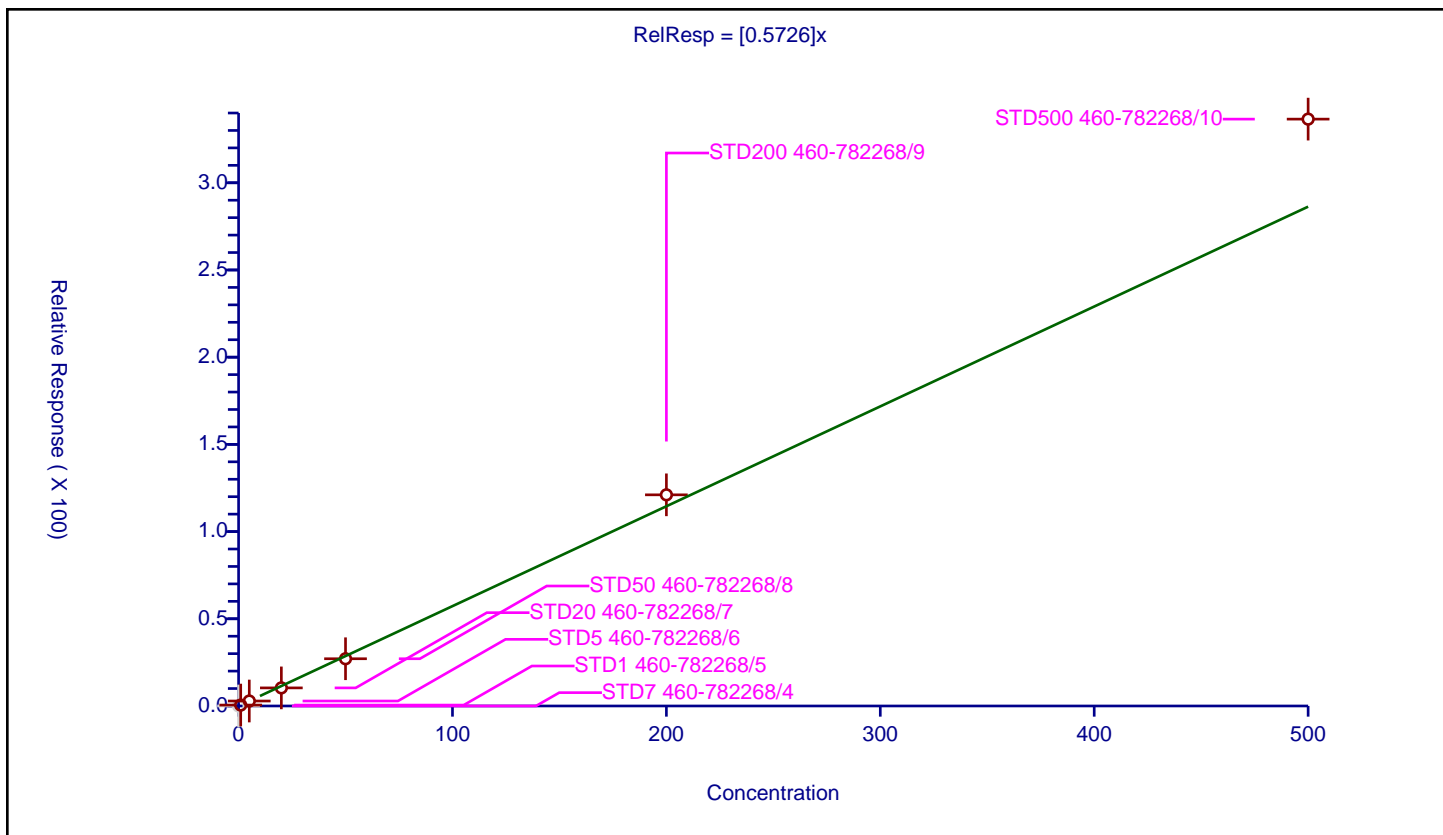
## Curve Coefficients

Intercept: 0  
 Slope: 0.5726

## Error Coefficients

Standard Error: 1630000  
 Relative Standard Error: 10.2  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.526853	50.0	435131.0	0.526853	Y
3	STD5 460-782268/6	5.0	2.849048	50.0	413998.0	0.56981	Y
4	STD20 460-782268/7	20.0	10.377134	50.0	424597.0	0.518857	Y
5	STD50 460-782268/8	50.0	27.085505	50.0	442231.0	0.54171	Y
6	STD200 460-782268/9	200.0	121.070996	50.0	478041.0	0.605355	Y
7	STD500 460-782268/10	500.0	336.493104	50.0	513571.0	0.672986	Y



# Calibration

/ Ethyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

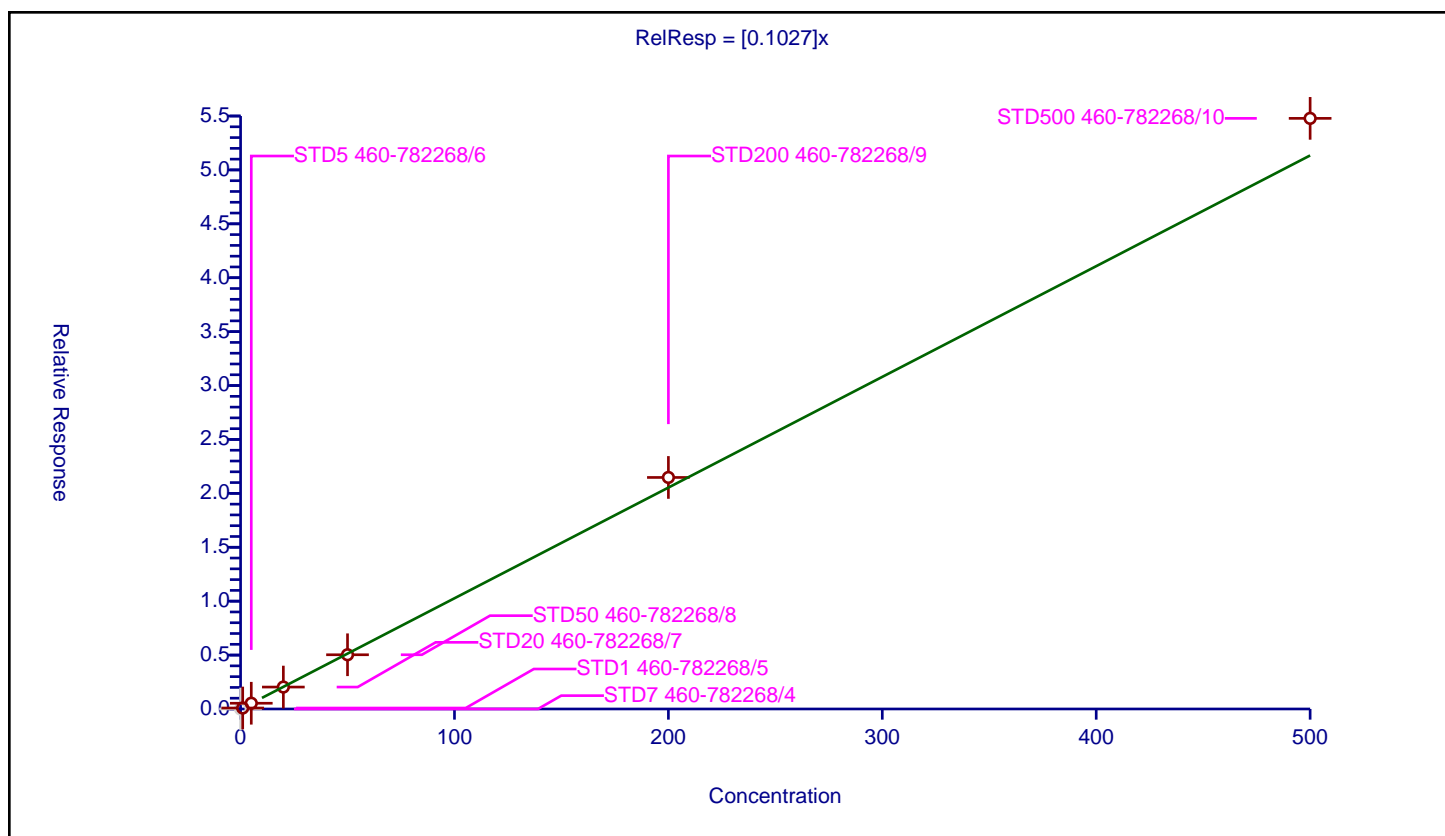
## Curve Coefficients

Intercept: 0  
 Slope: 0.1027

## Error Coefficients

Standard Error: 269000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.090088	50.0	435131.0	0.090088	Y
3	STD5 460-782268/6	5.0	0.533698	50.0	413998.0	0.10674	Y
4	STD20 460-782268/7	20.0	2.0344	50.0	424597.0	0.10172	Y
5	STD50 460-782268/8	50.0	5.03029	50.0	442231.0	0.100606	Y
6	STD200 460-782268/9	200.0	21.475355	50.0	478041.0	0.107377	Y
7	STD500 460-782268/10	500.0	54.781131	50.0	513571.0	0.109562	Y



# Calibration

/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

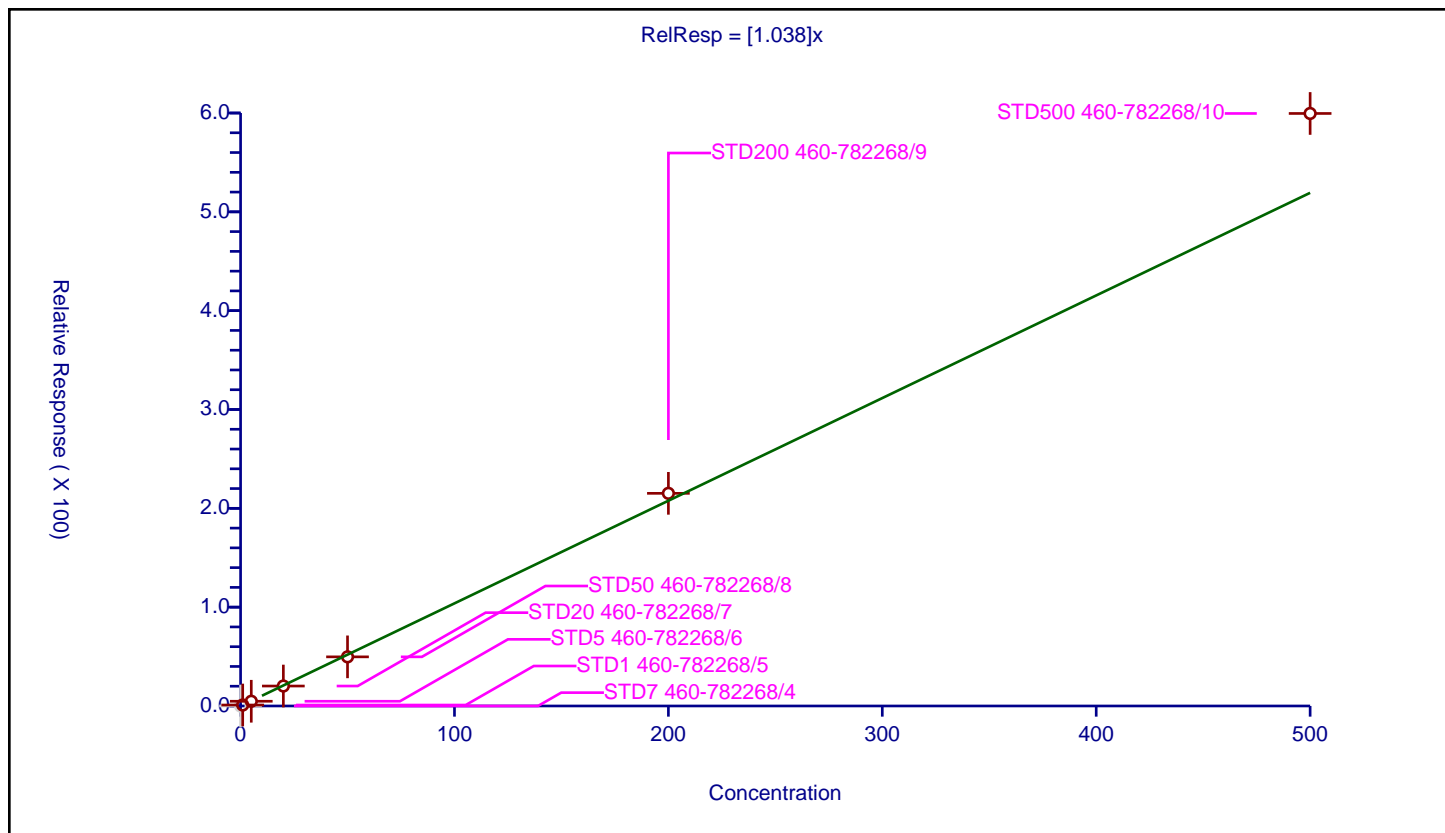
## Curve Coefficients

Intercept: 0  
 Slope: 1.038

## Error Coefficients

Standard Error: 2910000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.995792	50.0	435131.0	0.995792	Y
3	STD5 460-782268/6	5.0	4.779733	50.0	413998.0	0.955947	Y
4	STD20 460-782268/7	20.0	20.201155	50.0	424597.0	1.010058	Y
5	STD50 460-782268/8	50.0	49.715986	50.0	442231.0	0.99432	Y
6	STD200 460-782268/9	200.0	215.163135	50.0	478041.0	1.075816	Y
7	STD500 460-782268/10	500.0	599.528887	50.0	513571.0	1.199058	Y



# Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

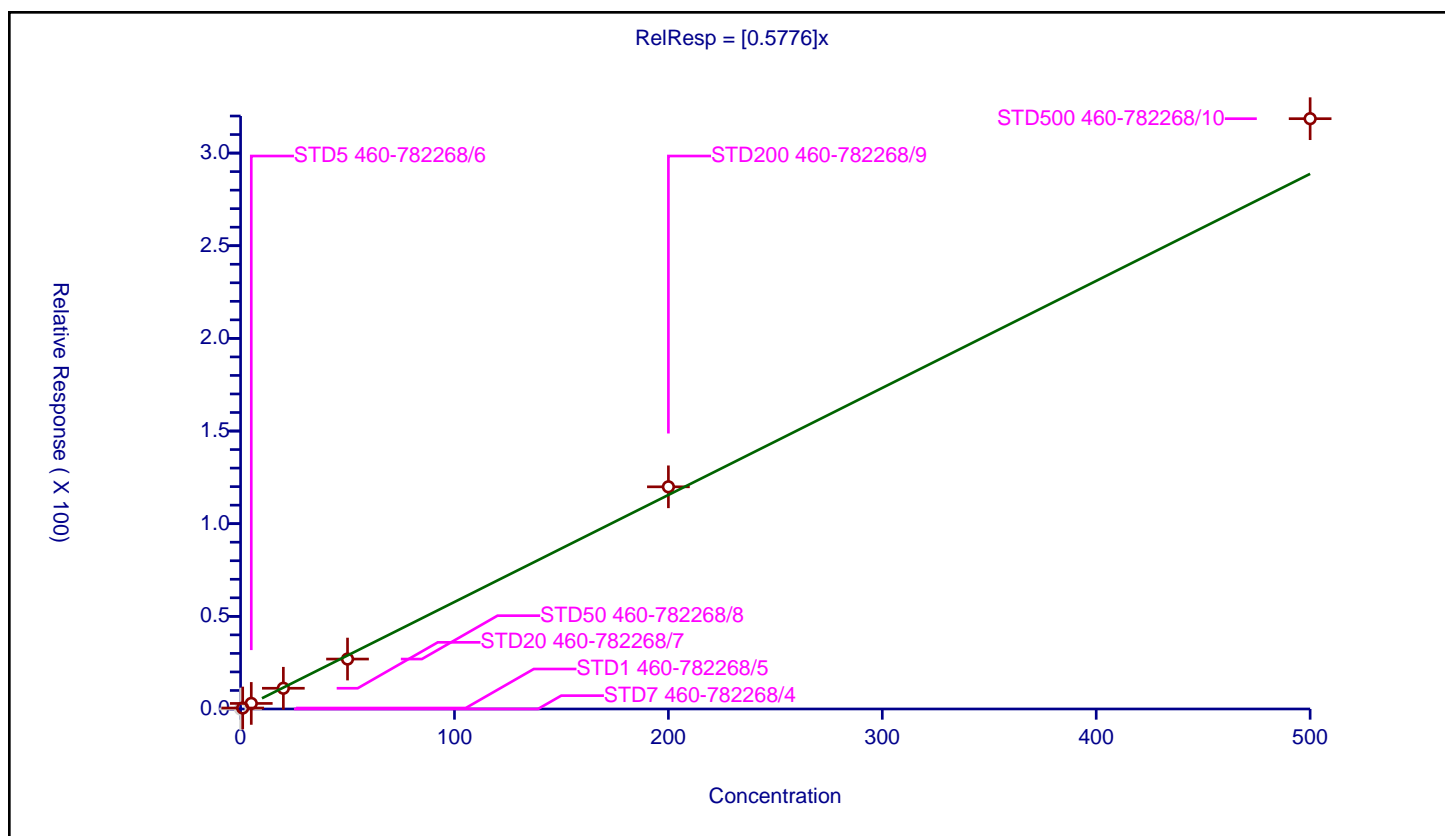
## Curve Coefficients

Intercept: 0  
 Slope: 0.5776

## Error Coefficients

Standard Error: 1550000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.529611	50.0	435131.0	0.529611	Y
3	STD5 460-782268/6	5.0	3.004845	50.0	413998.0	0.600969	Y
4	STD20 460-782268/7	20.0	11.184723	50.0	424597.0	0.559236	Y
5	STD50 460-782268/8	50.0	26.947907	50.0	442231.0	0.538958	Y
6	STD200 460-782268/9	200.0	119.900908	50.0	478041.0	0.599505	Y
7	STD500 460-782268/10	500.0	318.564716	50.0	513571.0	0.637129	Y



# Calibration

/ Methyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

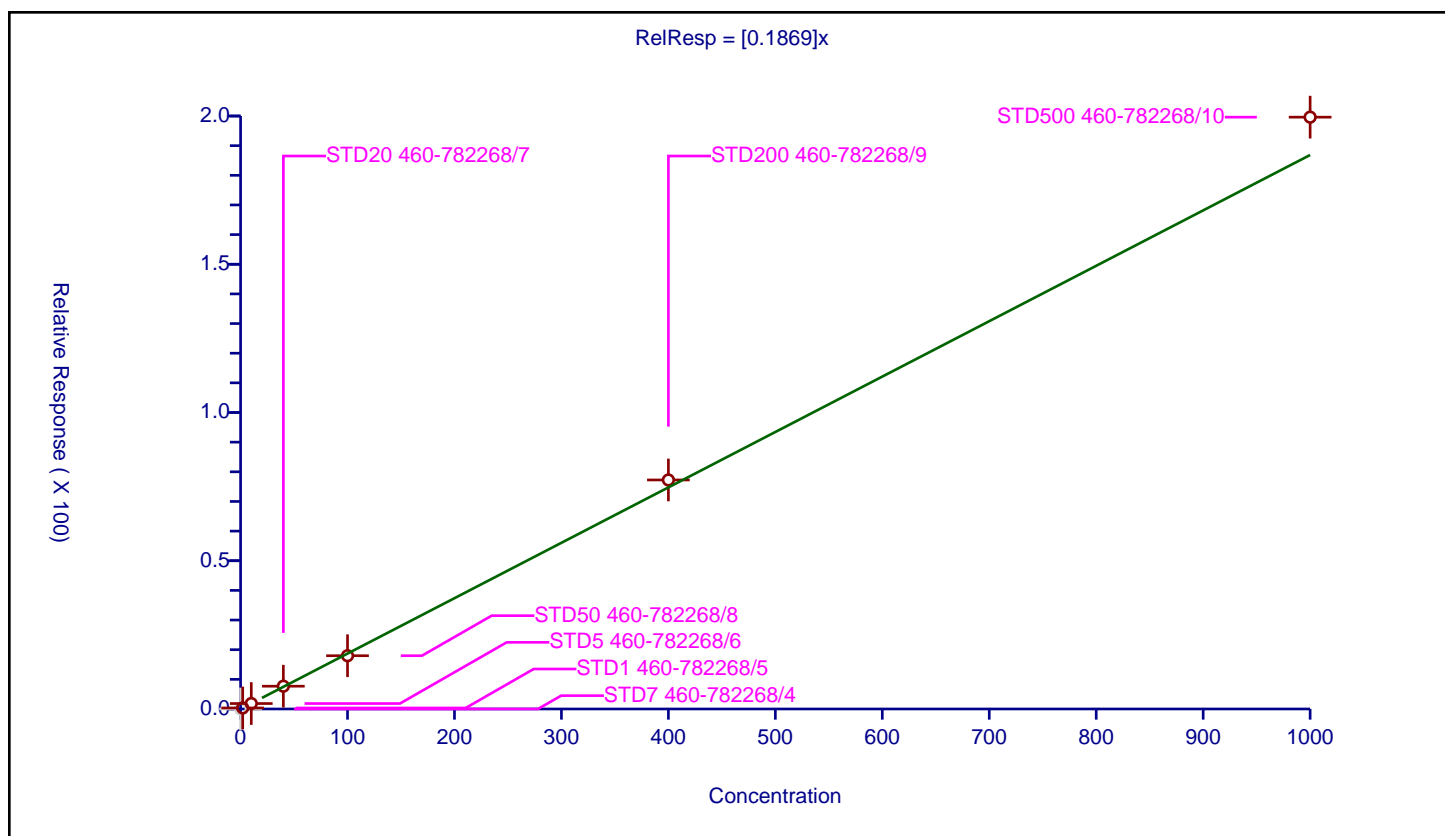
## Curve Coefficients

Intercept: 0  
 Slope: 0.1869

## Error Coefficients

Standard Error: 978000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	2.0	0.345988	50.0	435131.0	0.172994	Y
3	STD5 460-782268/6	10.0	1.835154	50.0	413998.0	0.183515	Y
4	STD20 460-782268/7	40.0	7.689173	50.0	424597.0	0.192229	Y
5	STD50 460-782268/8	100.0	17.96448	50.0	442231.0	0.179645	Y
6	STD200 460-782268/9	400.0	77.246826	50.0	478041.0	0.193117	Y
7	STD500 460-782268/10	1000.0	199.615146	50.0	513571.0	0.199615	Y



# Calibration

/ 1,4-Dioxane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

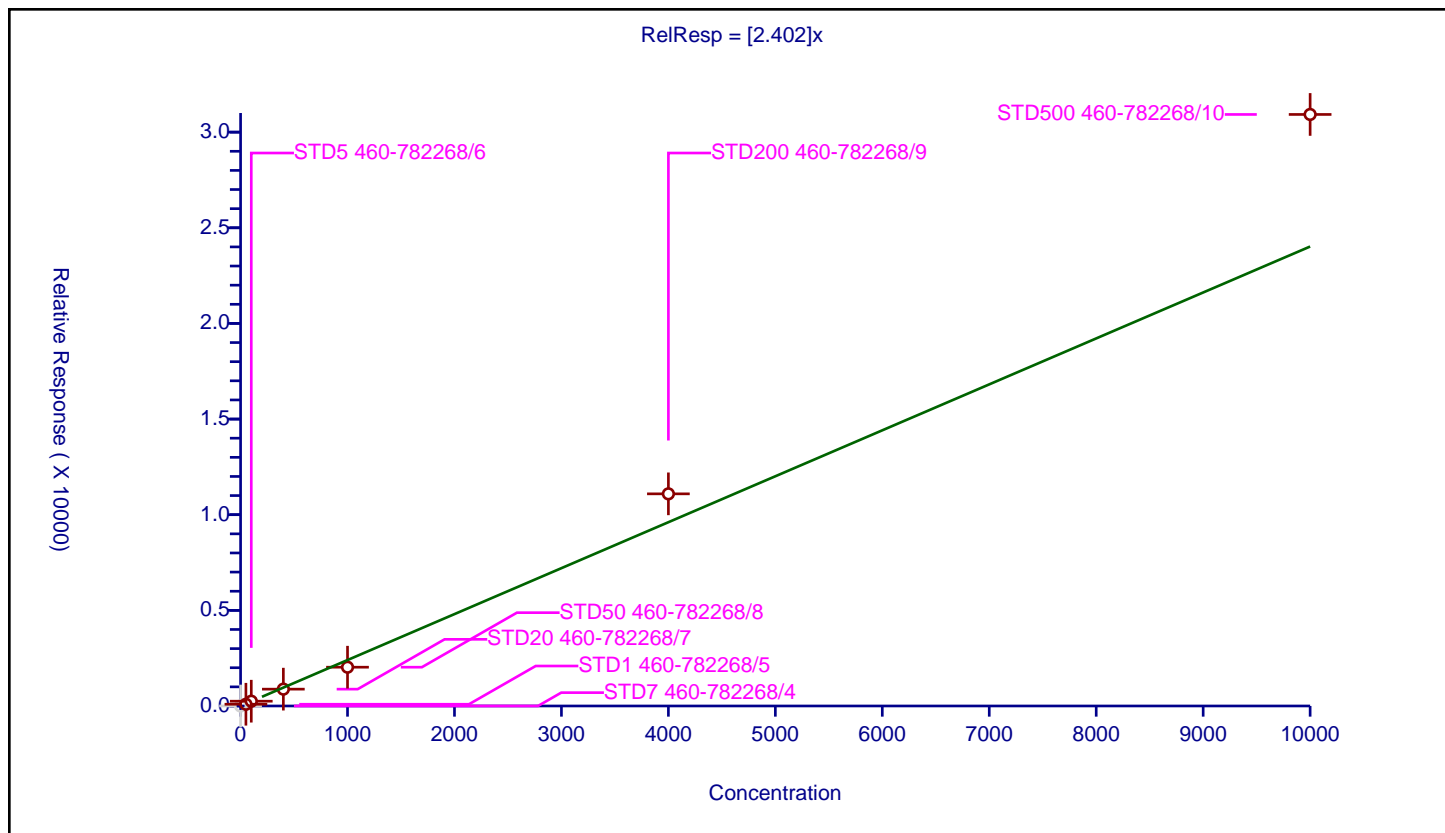
## Curve Coefficients

Intercept: 0  
 Slope: 2.402

## Error Coefficients

Standard Error: 330000  
 Relative Standard Error: 19.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	1000.0	26862.0	NaN	N
2	STD1 460-782268/5	50.000062	90.923202	1000.0	25769.0	1.818462	Y
3	STD5 460-782268/6	100.0	249.896429	1000.0	24138.0	2.498964	Y
4	STD20 460-782268/7	400.0	880.39069	1000.0	25391.0	2.200977	Y
5	STD50 460-782268/8	1000.0	2028.117752	1000.0	28025.0	2.028118	Y
6	STD200 460-782268/9	4000.0	11090.37235	1000.0	23204.0	2.772593	Y
7	STD500 460-782268/10	10000.0	30925.318368	1000.0	23165.0	3.092532	Y





# Calibration

/ n-Propyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

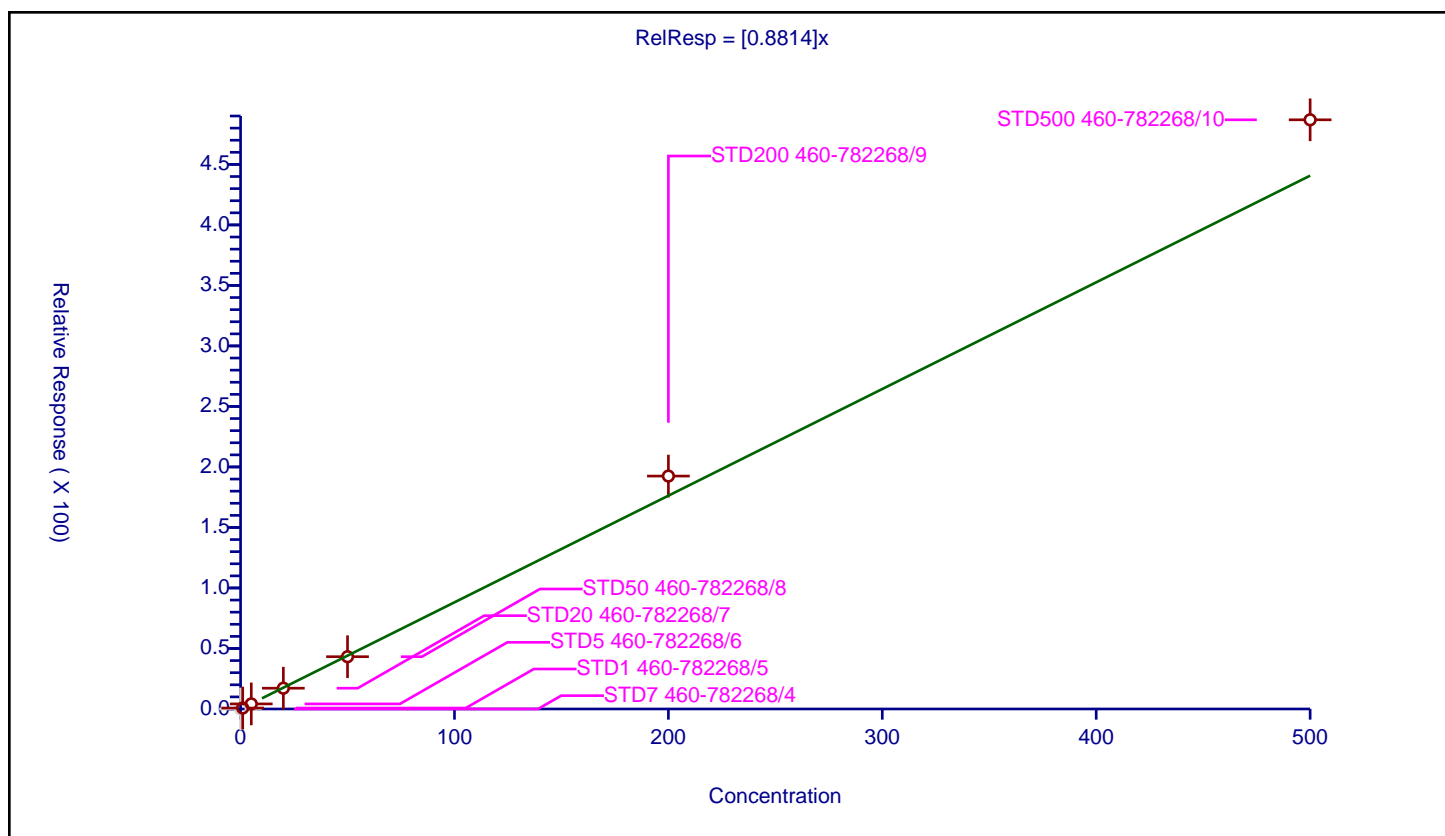
## Curve Coefficients

Intercept: 0  
 Slope: 0.8814

## Error Coefficients

Standard Error: 2390000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.791716	50.0	435131.0	0.791716	Y
3	STD5 460-782268/6	5.0	4.189151	50.0	413998.0	0.83783	Y
4	STD20 460-782268/7	20.0	17.177583	50.0	424597.0	0.858879	Y
5	STD50 460-782268/8	50.0	43.19168	50.0	442231.0	0.863834	Y
6	STD200 460-782268/9	200.0	192.46937	50.0	478041.0	0.962347	Y
7	STD500 460-782268/10	500.0	486.881658	50.0	513571.0	0.973763	Y



## Calibration

/ Dibromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

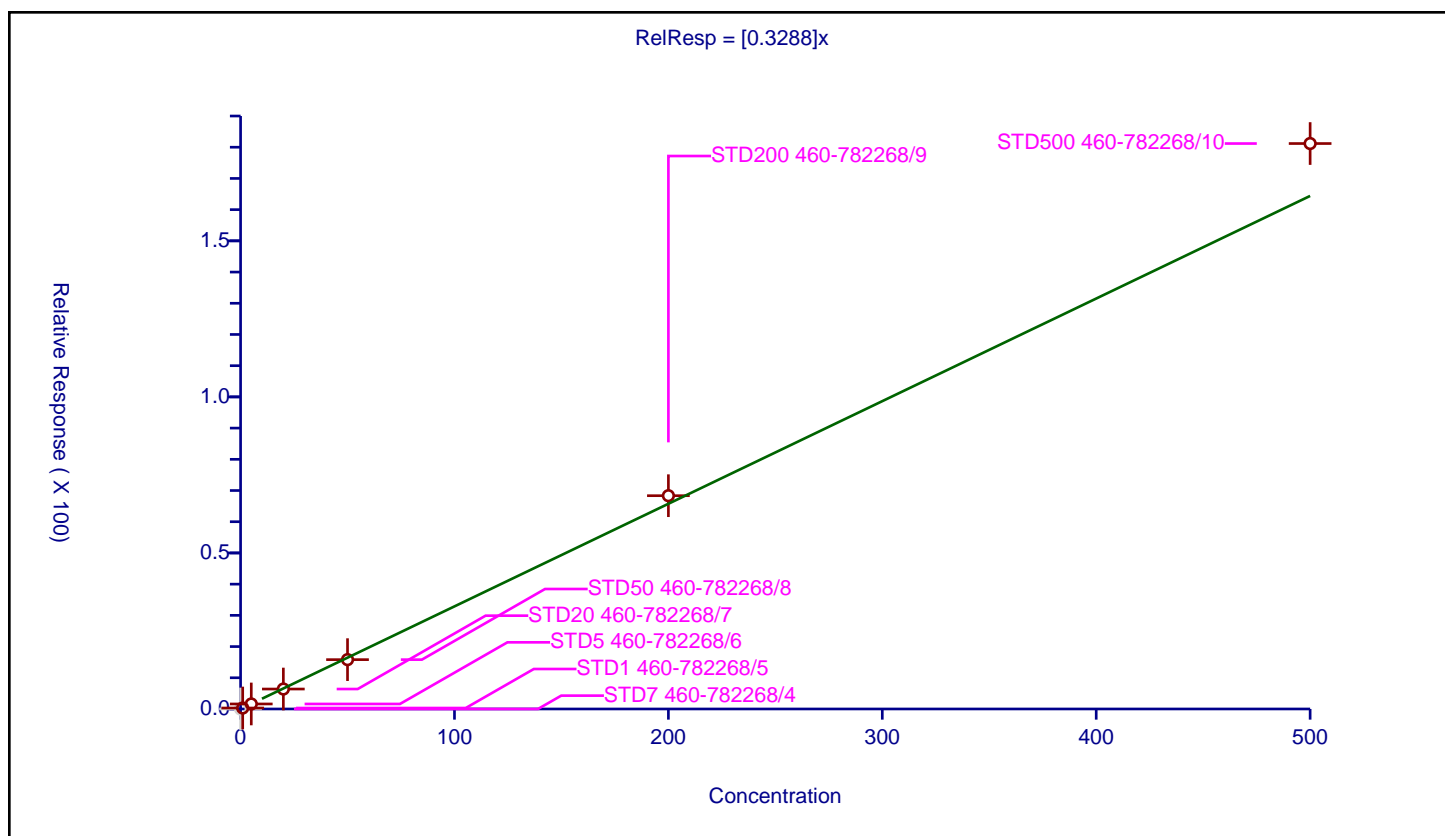
## Curve Coefficients

Intercept: 0  
Slope: 0.3288

## Error Coefficients

Standard Error: 885000  
Relative Standard Error: 5.9  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.310826	50.0	435131.0	0.310826	Y
3	STD5 460-782268/6	5.0	1.609307	50.0	413998.0	0.321861	Y
4	STD20 460-782268/7	20.0	6.392768	50.0	424597.0	0.319638	Y
5	STD50 460-782268/8	50.0	15.814133	50.0	442231.0	0.316283	Y
6	STD200 460-782268/9	200.0	68.341837	50.0	478041.0	0.341709	Y
7	STD500 460-782268/10	500.0	181.182446	50.0	513571.0	0.362365	Y



## Calibration

/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

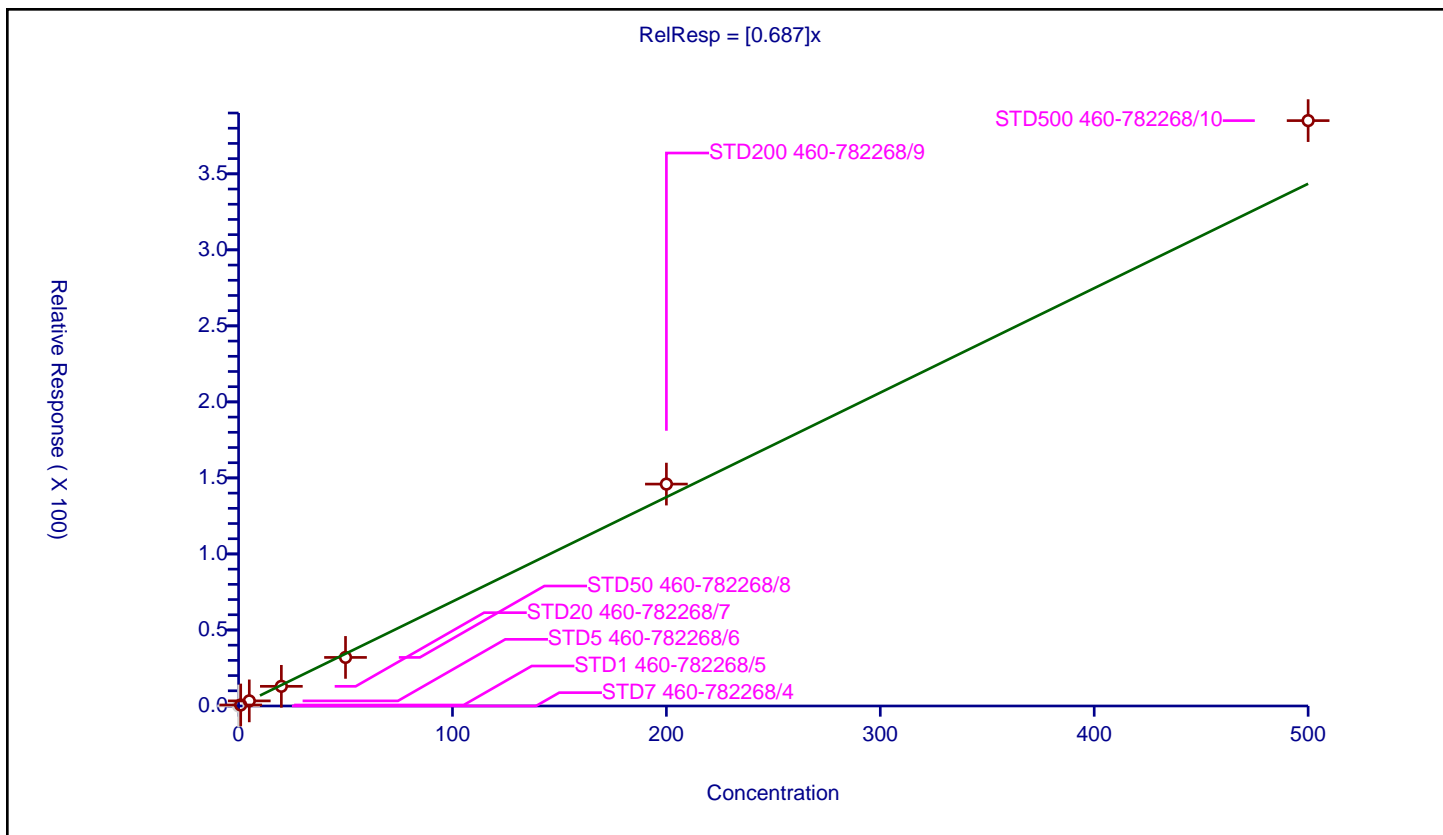
### Curve Coefficients

Intercept: 0  
 Slope: 0.687

### Error Coefficients

Standard Error: 1880000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0	0.665891	50.0	435131.0	0.665891	Y
3	STD5 460-782268/6	5.0	3.353398	50.0	413998.0	0.67068	Y
4	STD20 460-782268/7	20.0	12.928966	50.0	424597.0	0.646448	Y
5	STD50 460-782268/8	50.0	31.945522	50.0	442231.0	0.63891	Y
6	STD200 460-782268/9	200.0	145.956832	50.0	478041.0	0.729784	Y
7	STD500 460-782268/10	500.0	385.002074	50.0	513571.0	0.770004	Y



# Calibration

/ 2-Nitropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

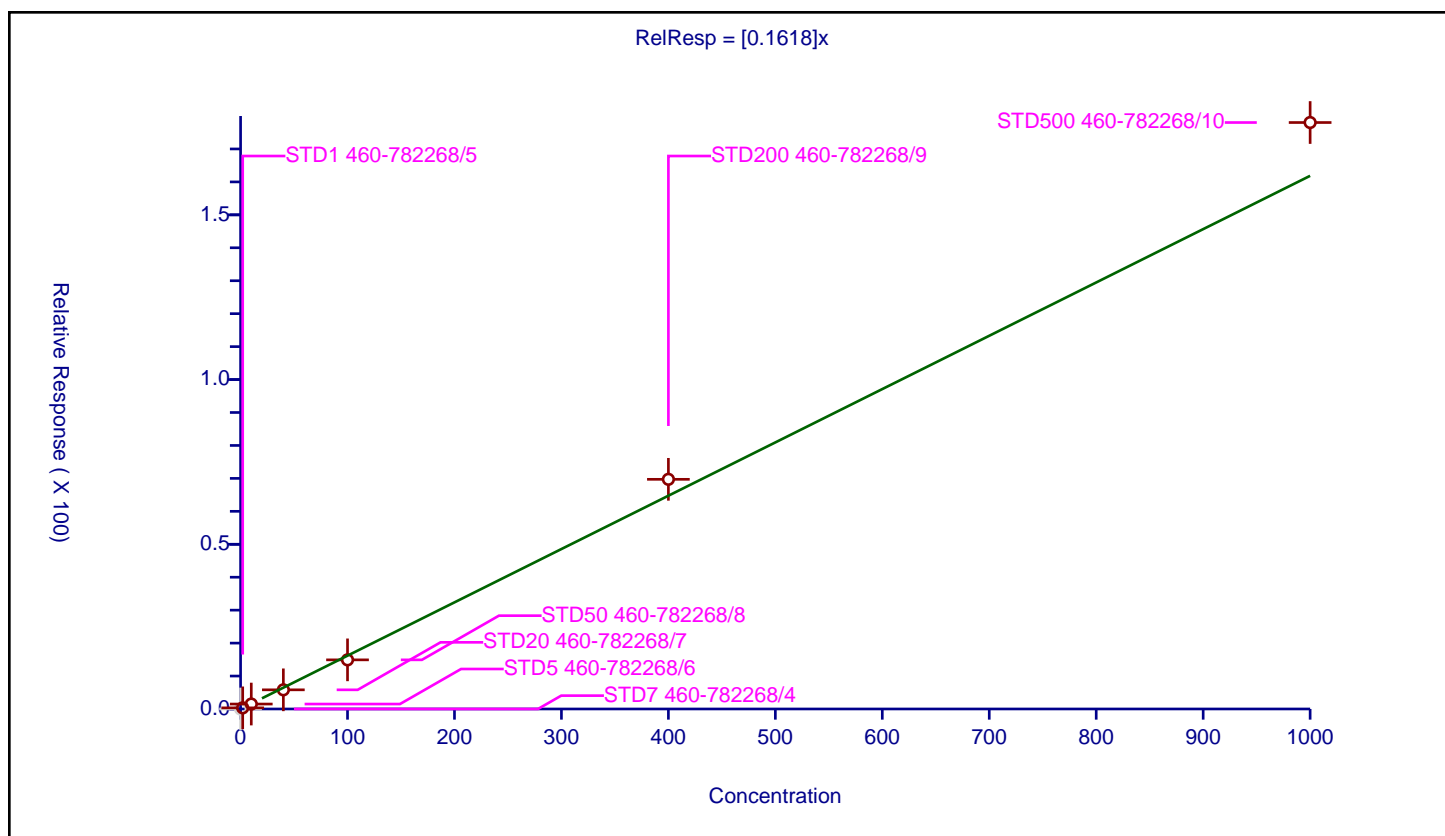
## Curve Coefficients

Intercept: 0  
 Slope: 0.1618

## Error Coefficients

Standard Error: 873000  
 Relative Standard Error: 9.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	2.0	0.347941	50.0	435131.0	0.173971	Y
3	STD5 460-782268/6	10.0	1.503268	50.0	413998.0	0.150327	Y
4	STD20 460-782268/7	40.0	5.812099	50.0	424597.0	0.145302	Y
5	STD50 460-782268/8	100.0	14.912794	50.0	442231.0	0.149128	Y
6	STD200 460-782268/9	400.0	69.719334	50.0	478041.0	0.174298	Y
7	STD500 460-782268/10	1000.0	178.025823	50.0	513571.0	0.178026	Y



# Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

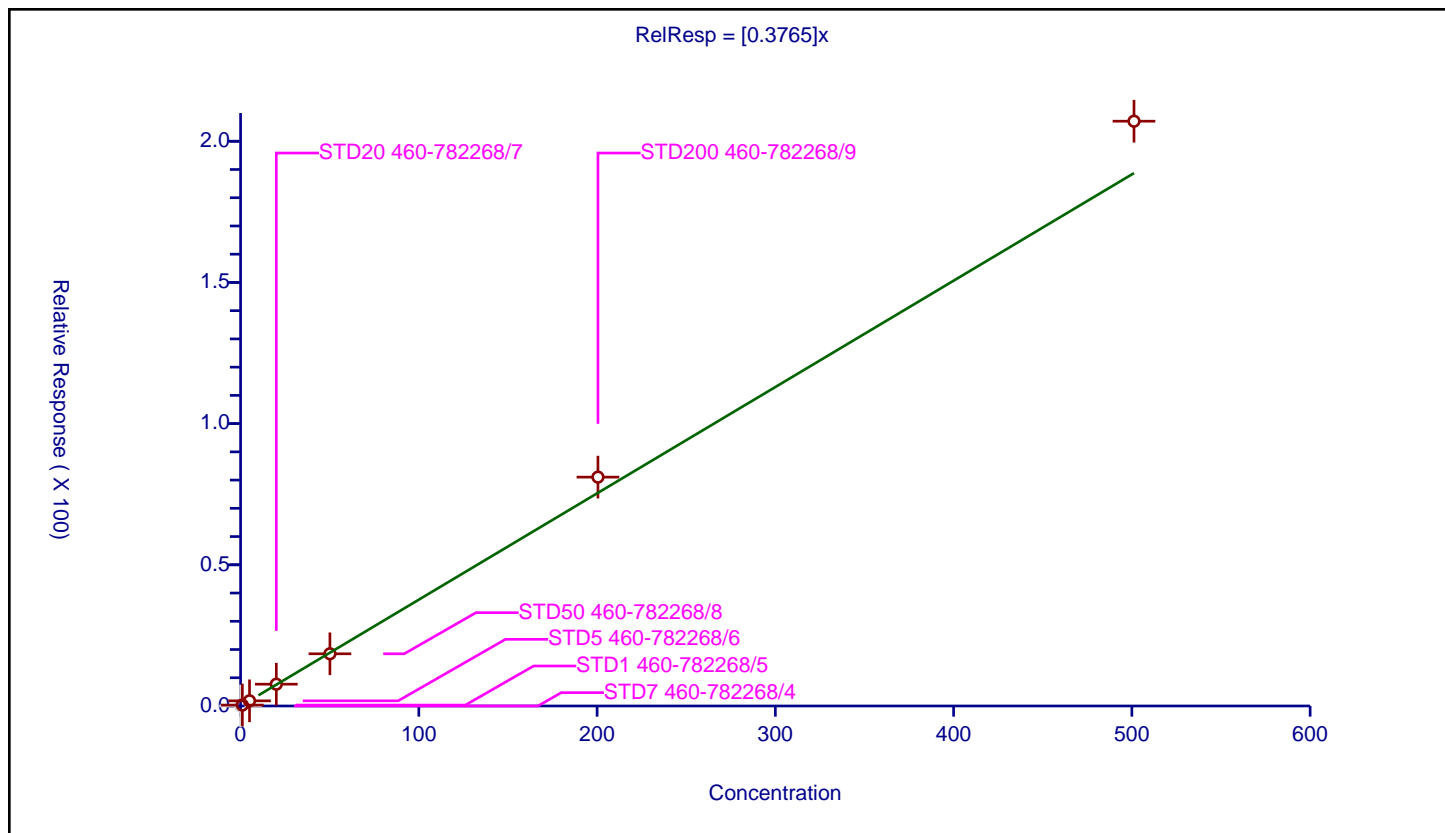
## Curve Coefficients

Intercept: 0  
 Slope: 0.3765

## Error Coefficients

Standard Error: 1020000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	433881.0	NaN	N
2	STD1 460-782268/5	1.0024	0.324155	50.0	435131.0	0.323379	Y
3	STD5 460-782268/6	5.012	1.825009	50.0	413998.0	0.364128	Y
4	STD20 460-782268/7	20.048	7.724148	50.0	424597.0	0.385283	Y
5	STD50 460-782268/8	50.12	18.486266	50.0	442231.0	0.36884	Y
6	STD200 460-782268/9	200.48	81.05288	50.0	478041.0	0.404294	Y
7	STD500 460-782268/10	501.2	207.104178	50.0	513571.0	0.413217	Y



# Calibration

/ Epichlorohydrin

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

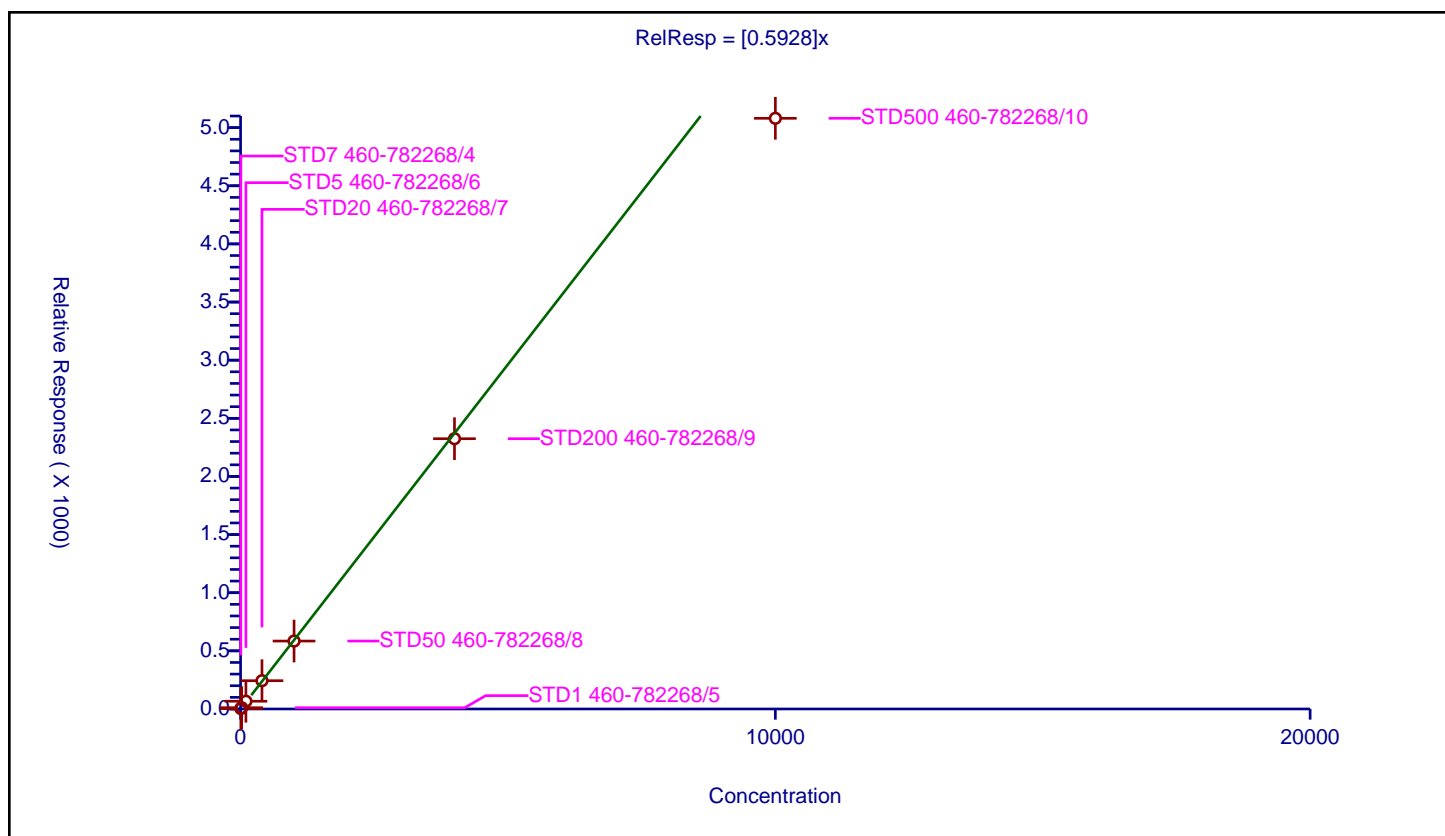
## Curve Coefficients

Intercept: 0  
 Slope: 0.5928

## Error Coefficients

Standard Error: 3210000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	5.000009	3.264269	250.0	210384.0	0.652853	Y
2	STD1 460-782268/5	20.000035	10.976095	250.0	218657.0	0.548804	Y
3	STD5 460-782268/6	100.000173	66.666751	250.0	197756.0	0.666666	Y
4	STD20 460-782268/7	400.000692	243.118847	250.0	230085.0	0.607796	Y
5	STD50 460-782268/8	1000.00173	584.334435	250.0	242899.0	0.584333	Y
6	STD200 460-782268/9	4000.00692	2324.687119	250.0	299235.0	0.581171	Y
7	STD500 460-782268/10	10000.0173	5080.25039	250.0	360478.0	0.508024	Y



# Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

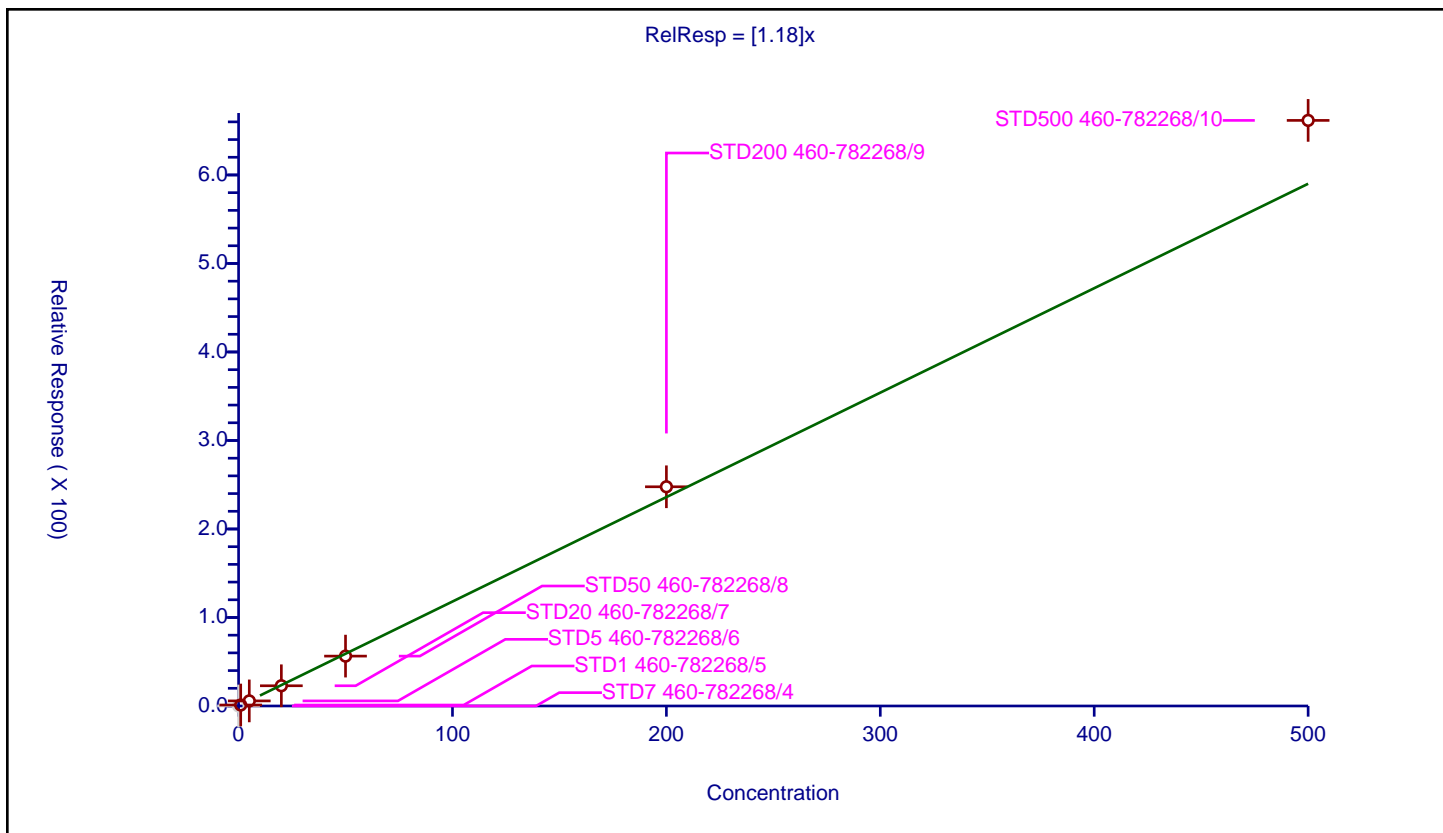
## Curve Coefficients

Intercept: 0  
 Slope: 1.18

## Error Coefficients

Standard Error: 2570000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	1.100905	50.0	345443.0	1.100905	Y
3	STD5 460-782268/6	5.0	5.737526	50.0	324626.0	1.147505	Y
4	STD20 460-782268/7	20.0	22.86183	50.0	337368.0	1.143092	Y
5	STD50 460-782268/8	50.0	56.36866	50.0	355742.0	1.127373	Y
6	STD200 460-782268/9	200.0	247.687335	50.0	389529.0	1.238437	Y
7	STD500 460-782268/10	500.0	661.651302	50.0	407963.0	1.323303	Y



# Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

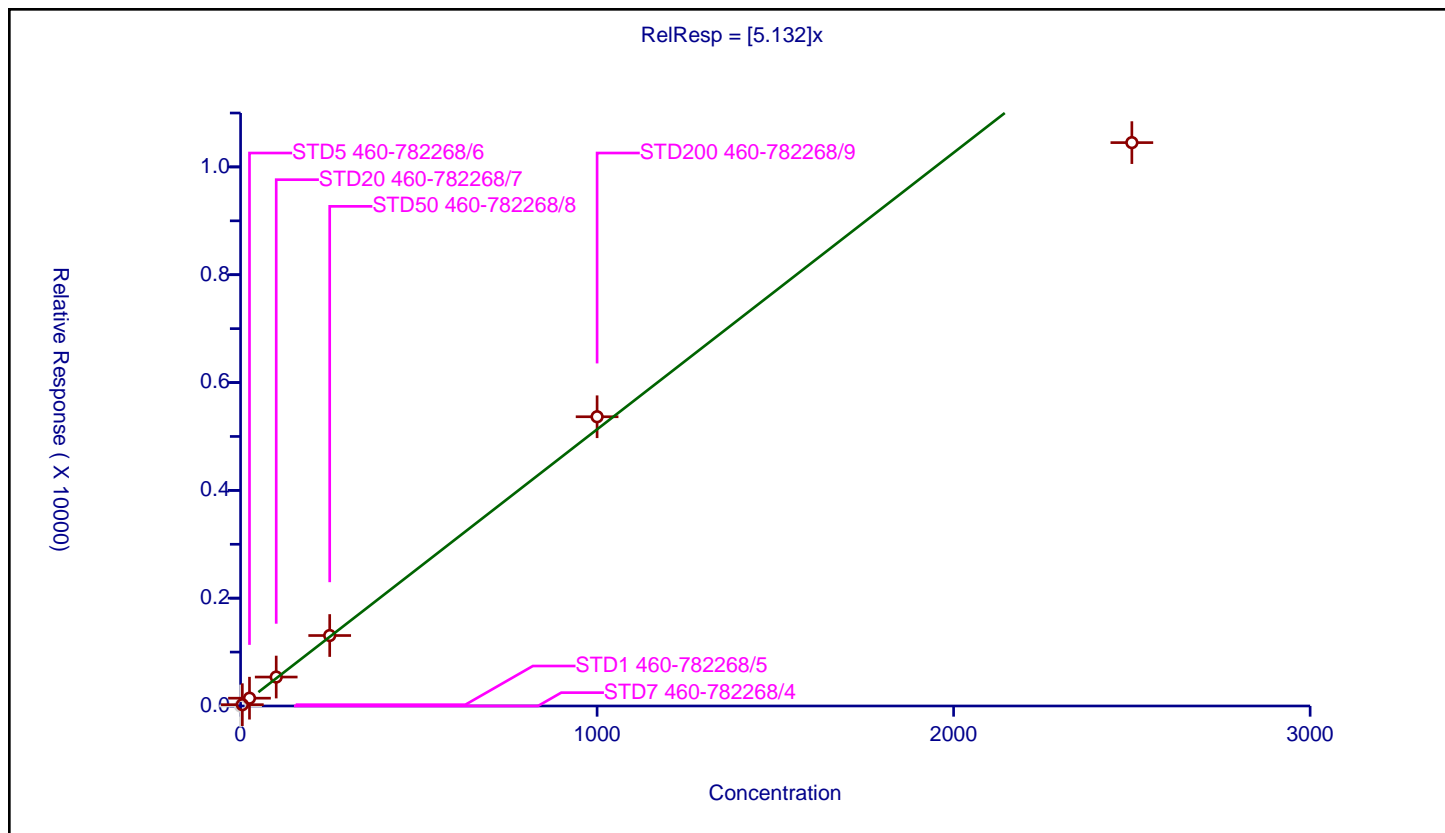
## Curve Coefficients

Intercept: 0  
 Slope: 5.132

## Error Coefficients

Standard Error: 7350000  
 Relative Standard Error: 10.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	5.0	24.296044	250.0	218657.0	4.859209	Y
3	STD5 460-782268/6	25.0	144.637837	250.0	197756.0	5.785513	Y
4	STD20 460-782268/7	100.0	537.139535	250.0	230085.0	5.371395	Y
5	STD50 460-782268/8	250.0	1307.136917	250.0	242899.0	5.228548	Y
6	STD200 460-782268/9	1000.0	5365.737631	250.0	299235.0	5.365738	Y
7	STD500 460-782268/10	2500.0	10450.886046	250.0	360478.0	4.180354	Y





# Calibration

/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

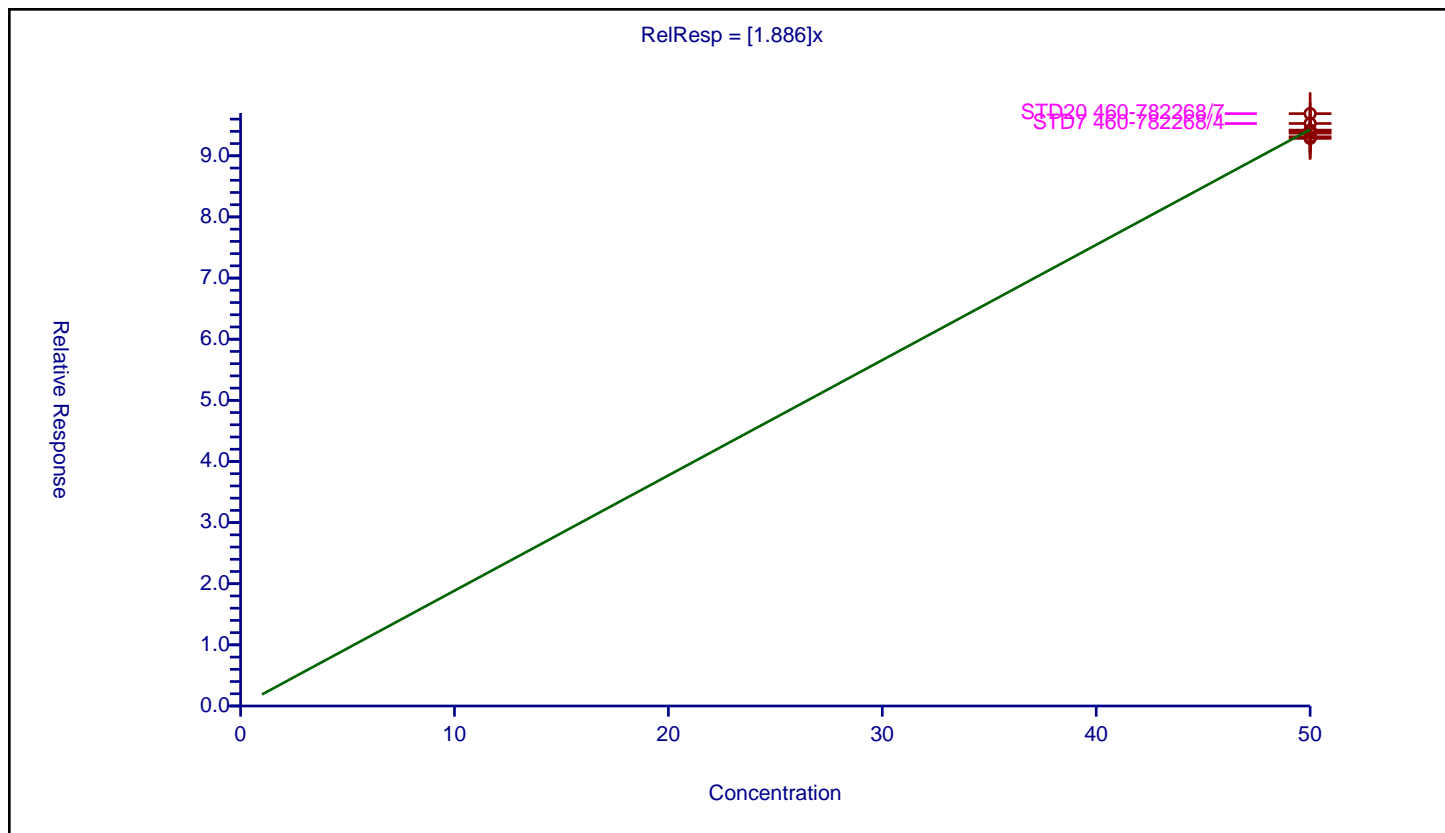
## Curve Coefficients

Intercept: 0  
 Slope: 1.886

## Error Coefficients

Standard Error: 728000  
 Relative Standard Error: 1.5  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	50.0	95.28599	50.0	337547.0	1.90572	Y
2	STD1 460-782268/5	50.0	94.204977	50.0	345443.0	1.8841	Y
3	STD5 460-782268/6	50.0	94.040219	50.0	324626.0	1.880804	Y
4	STD20 460-782268/7	50.0	96.899973	50.0	337368.0	1.937999	Y
5	STD50 460-782268/8	50.0	93.115938	50.0	355742.0	1.862319	Y
6	STD200 460-782268/9	50.0	92.851623	50.0	389529.0	1.857032	Y
7	STD500 460-782268/10	50.0	93.706905	50.0	407963.0	1.874138	Y



# Calibration

/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

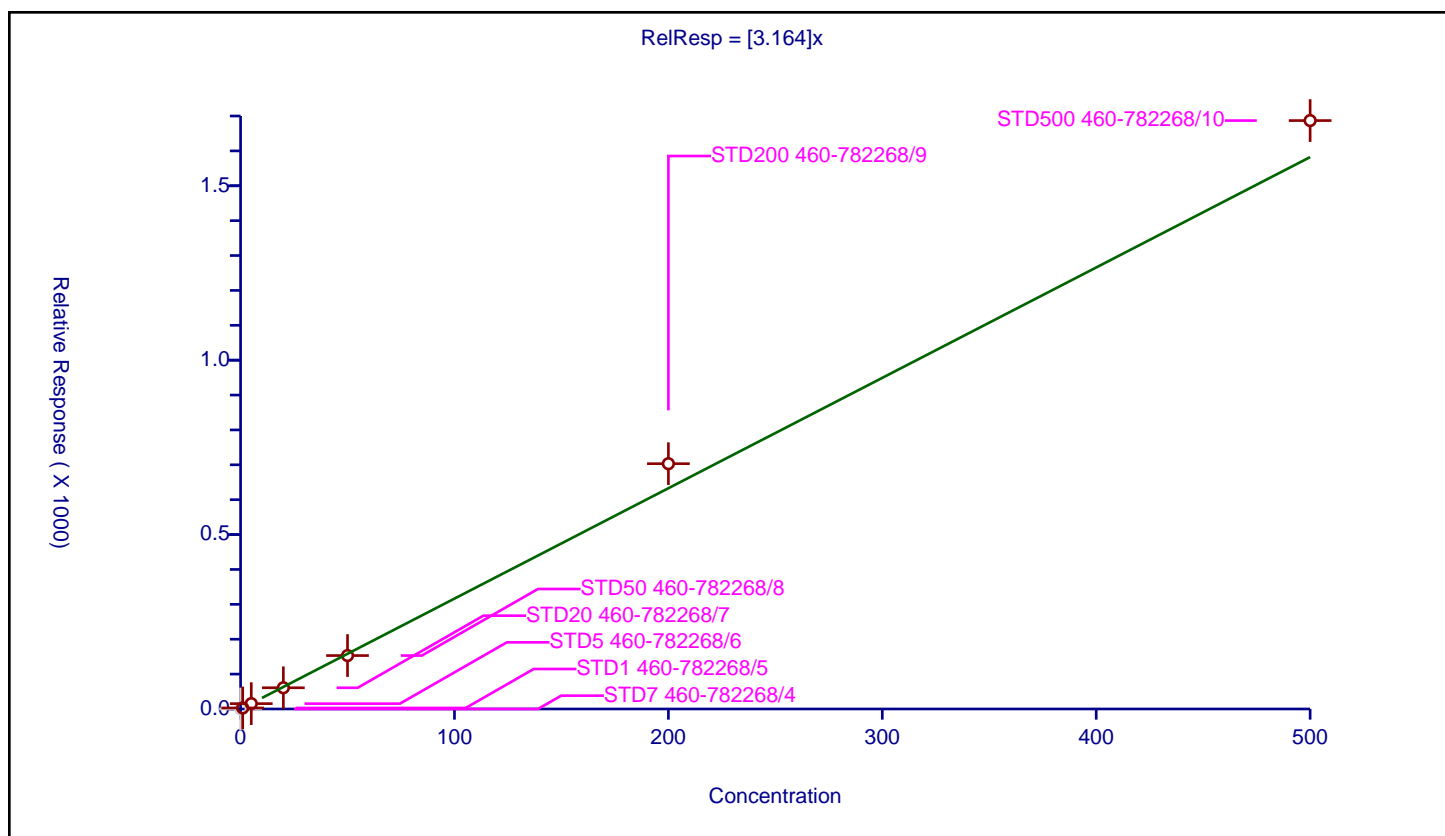
## Curve Coefficients

Intercept: 0  
 Slope: 3.164

## Error Coefficients

Standard Error: 6640000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	2.927545	50.0	345443.0	2.927545	Y
3	STD5 460-782268/6	5.0	15.332105	50.0	324626.0	3.066421	Y
4	STD20 460-782268/7	20.0	60.795333	50.0	337368.0	3.039767	Y
5	STD50 460-782268/8	50.0	153.150176	50.0	355742.0	3.063004	Y
6	STD200 460-782268/9	200.0	703.211314	50.0	389529.0	3.516057	Y
7	STD500 460-782268/10	500.0	1686.898322	50.0	407963.0	3.373797	Y



# Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

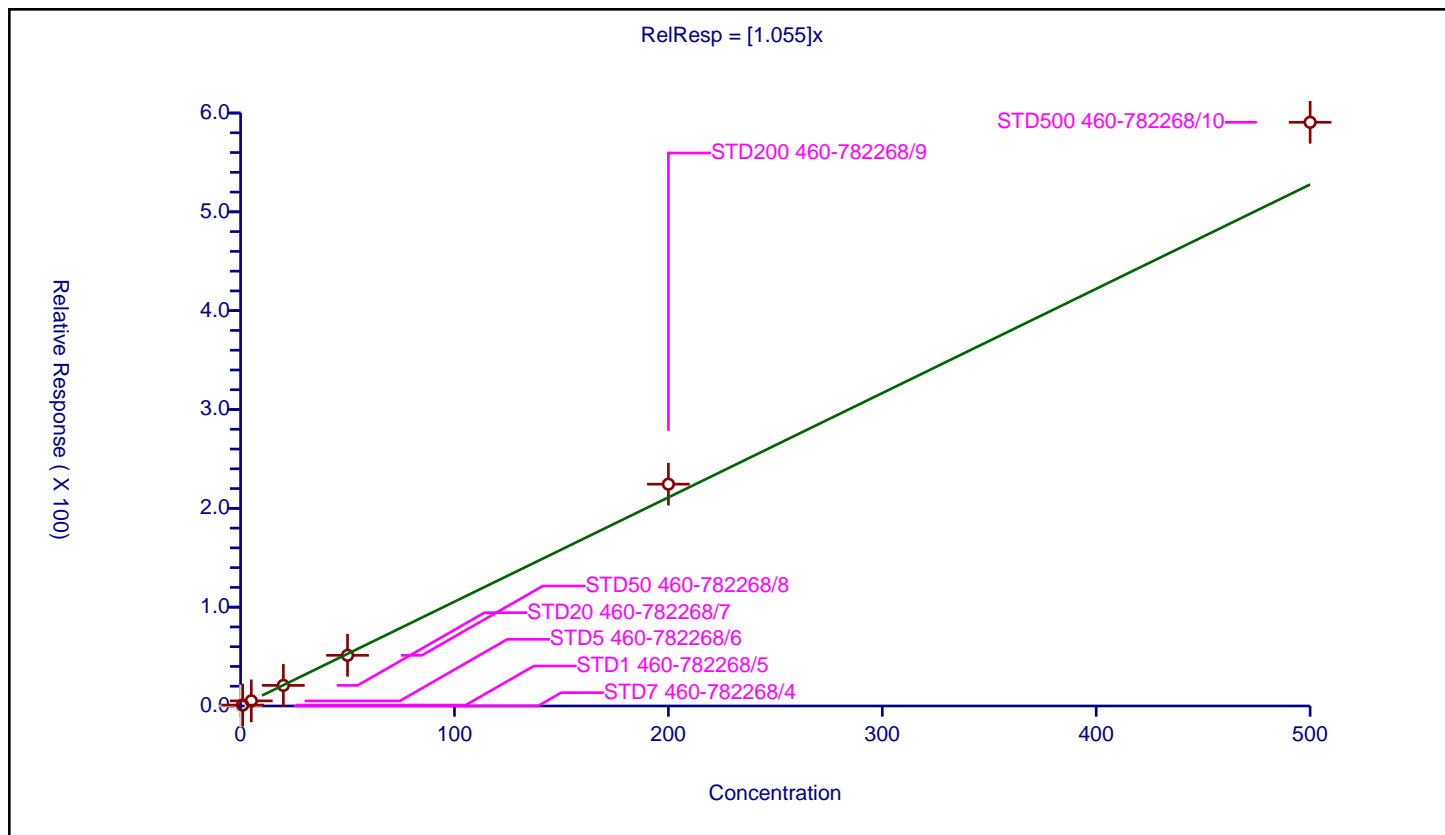
## Curve Coefficients

Intercept: 0  
 Slope: 1.055

## Error Coefficients

Standard Error: 2300000  
 Relative Standard Error: 8.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.925478	50.0	345443.0	0.925478	Y
3	STD5 460-782268/6	5.0	5.17688	50.0	324626.0	1.035376	Y
4	STD20 460-782268/7	20.0	20.853638	50.0	337368.0	1.042682	Y
5	STD50 460-782268/8	50.0	51.255685	50.0	355742.0	1.025114	Y
6	STD200 460-782268/9	200.0	224.449528	50.0	389529.0	1.122248	Y
7	STD500 460-782268/10	500.0	590.605275	50.0	407963.0	1.181211	Y



# Calibration

/ Ethyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

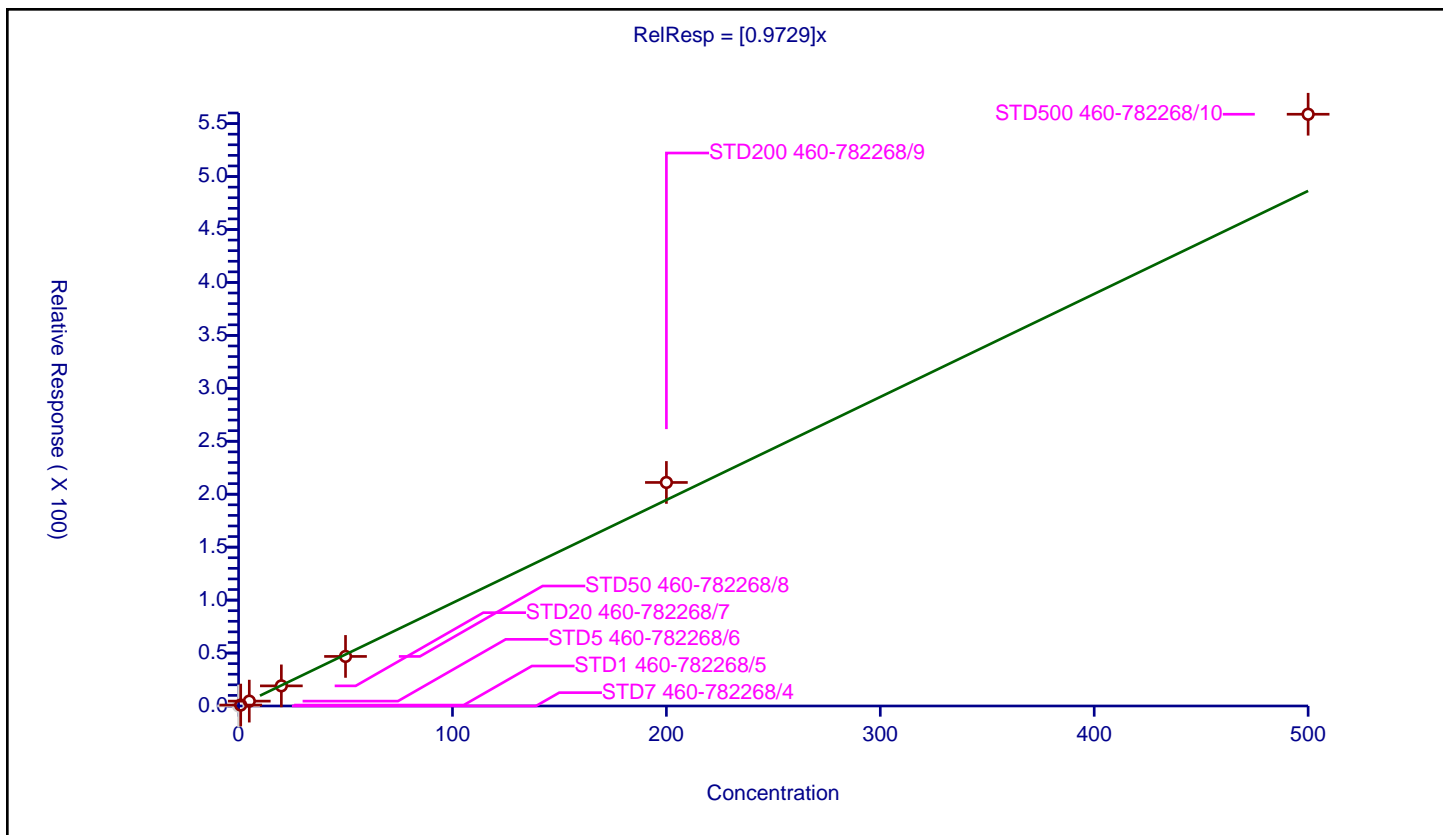
## Curve Coefficients

Intercept: 0  
 Slope: 0.9729

## Error Coefficients

Standard Error: 2170000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.860489	50.0	345443.0	0.860489	Y
3	STD5 460-782268/6	5.0	4.586047	50.0	324626.0	0.917209	Y
4	STD20 460-782268/7	20.0	19.000617	50.0	337368.0	0.950031	Y
5	STD50 460-782268/8	50.0	46.81567	50.0	355742.0	0.936313	Y
6	STD200 460-782268/9	200.0	211.104308	50.0	389529.0	1.055522	Y
7	STD500 460-782268/10	500.0	558.847861	50.0	407963.0	1.117696	Y



# Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

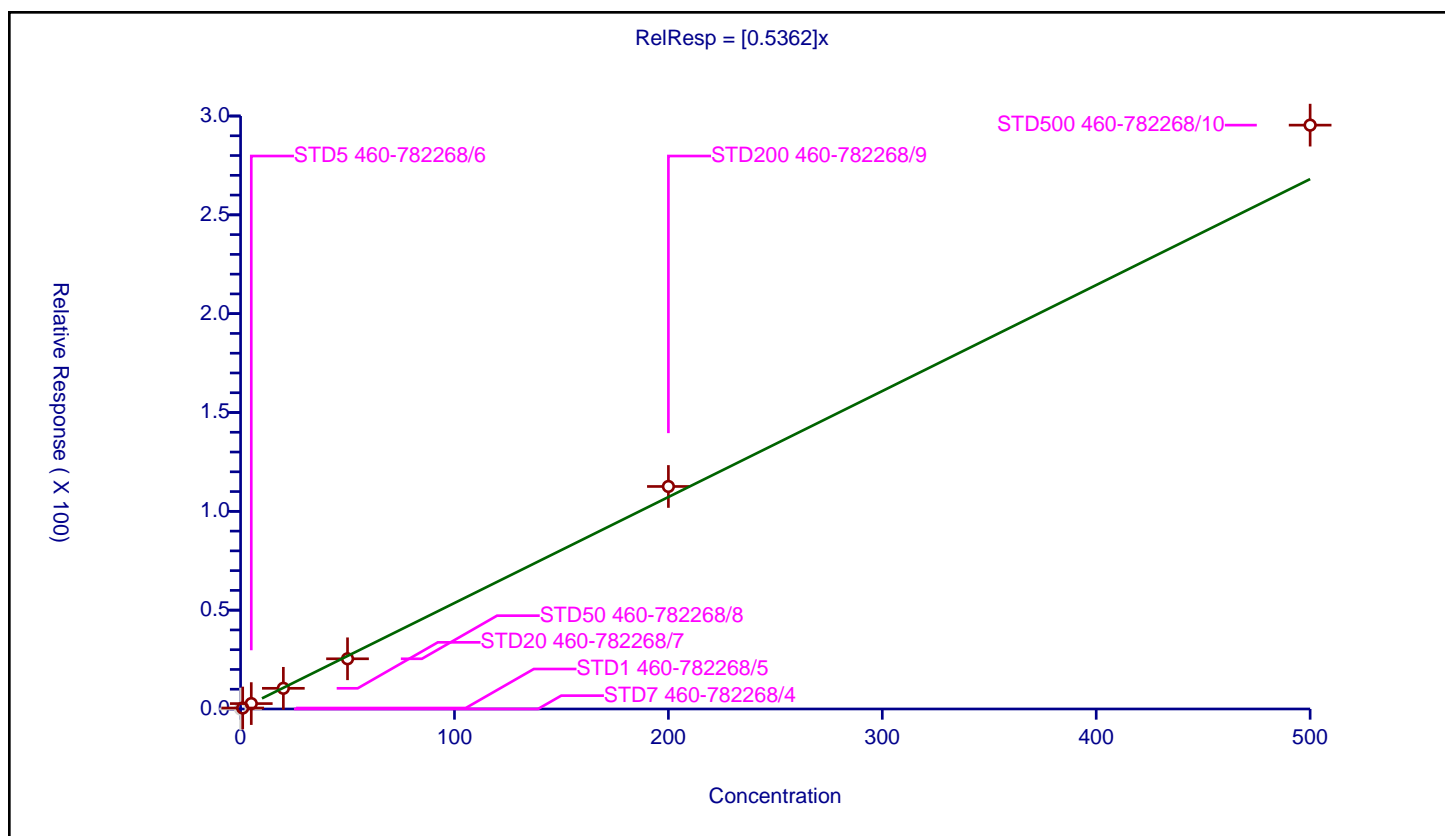
## Curve Coefficients

Intercept: 0  
 Slope: 0.5362

## Error Coefficients

Standard Error: 1150000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.487056	50.0	345443.0	0.487056	Y
3	STD5 460-782268/6	5.0	2.726522	50.0	324626.0	0.545304	Y
4	STD20 460-782268/7	20.0	10.464834	50.0	337368.0	0.523242	Y
5	STD50 460-782268/8	50.0	25.392981	50.0	355742.0	0.50786	Y
6	STD200 460-782268/9	200.0	112.576727	50.0	389529.0	0.562884	Y
7	STD500 460-782268/10	500.0	295.387449	50.0	407963.0	0.590775	Y



# Calibration

/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

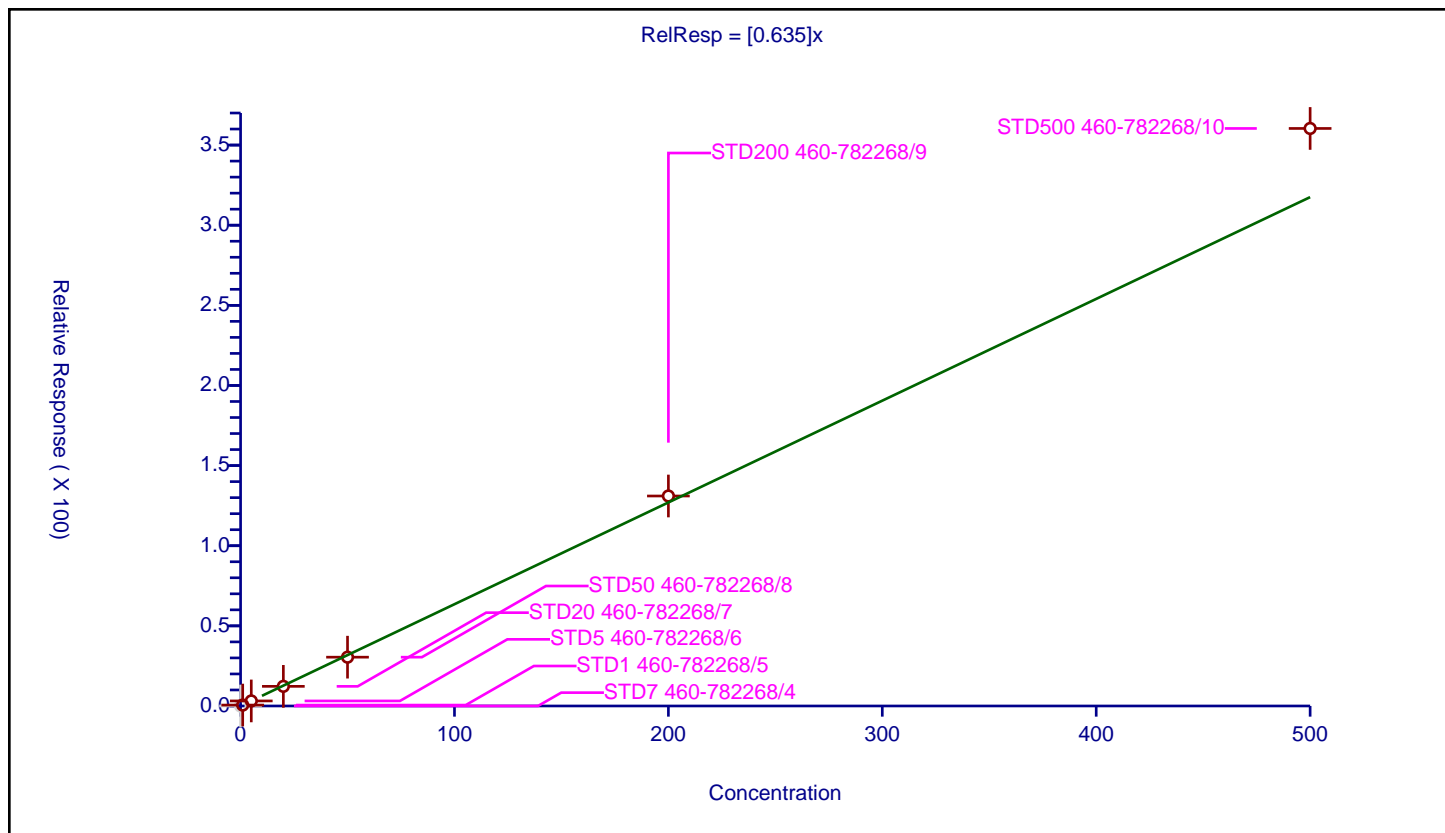
## Curve Coefficients

Intercept: 0  
 Slope: 0.635

## Error Coefficients

Standard Error: 1400000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.57998	50.0	345443.0	0.57998	Y
3	STD5 460-782268/6	5.0	3.160252	50.0	324626.0	0.63205	Y
4	STD20 460-782268/7	20.0	12.260944	50.0	337368.0	0.613047	Y
5	STD50 460-782268/8	50.0	30.458872	50.0	355742.0	0.609177	Y
6	STD200 460-782268/9	200.0	131.029525	50.0	389529.0	0.655148	Y
7	STD500 460-782268/10	500.0	360.361601	50.0	407963.0	0.720723	Y



# Calibration

/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

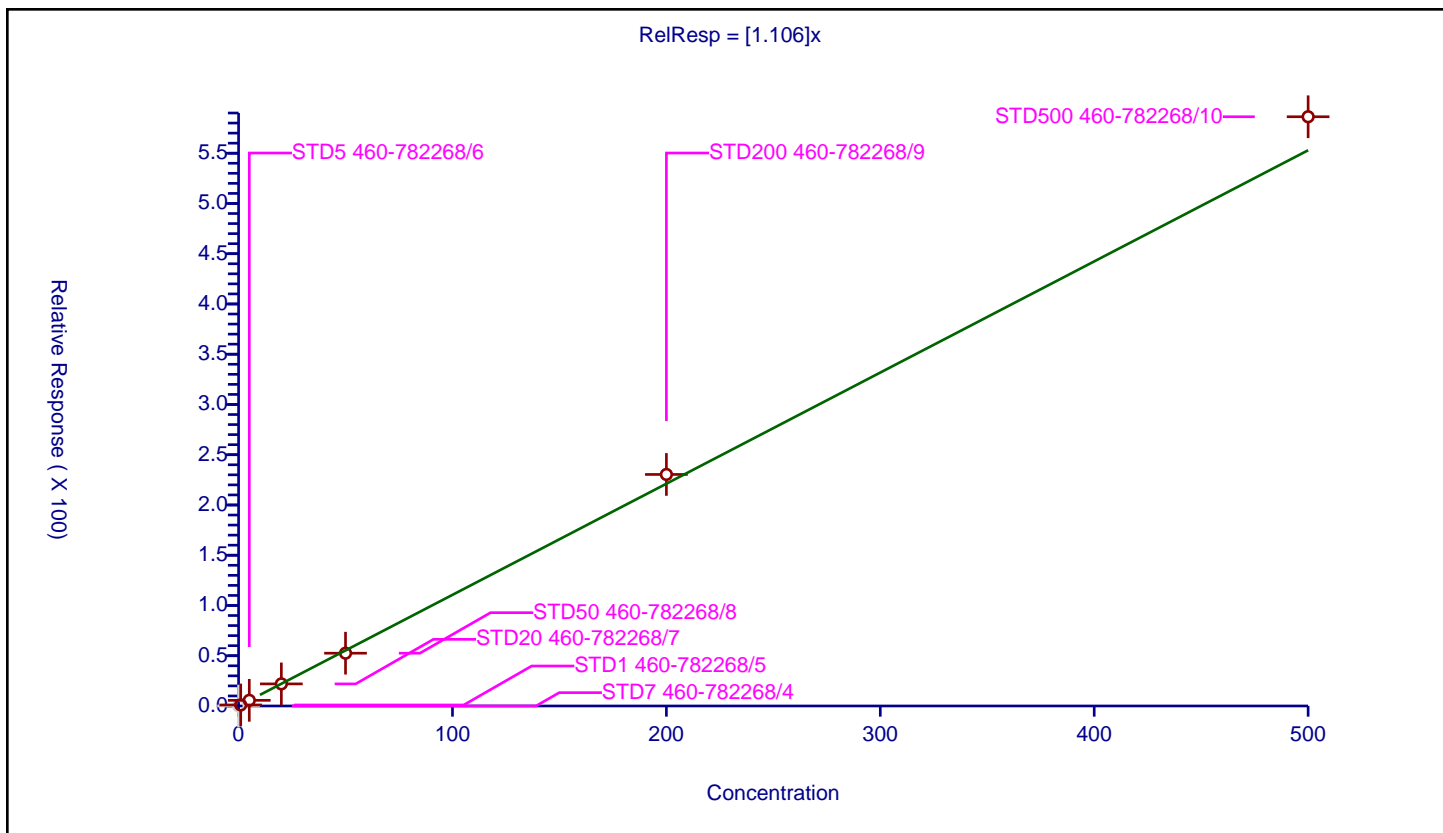
## Curve Coefficients

Intercept: 0  
 Slope: 1.106

## Error Coefficients

Standard Error: 2290000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	1.032008	50.0	345443.0	1.032008	Y
3	STD5 460-782268/6	5.0	5.645574	50.0	324626.0	1.129115	Y
4	STD20 460-782268/7	20.0	21.978522	50.0	337368.0	1.098926	Y
5	STD50 460-782268/8	50.0	52.530064	50.0	355742.0	1.050601	Y
6	STD200 460-782268/9	200.0	230.369498	50.0	389529.0	1.151847	Y
7	STD500 460-782268/10	500.0	586.281599	50.0	407963.0	1.172563	Y



# Calibration

/ 2-Hexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

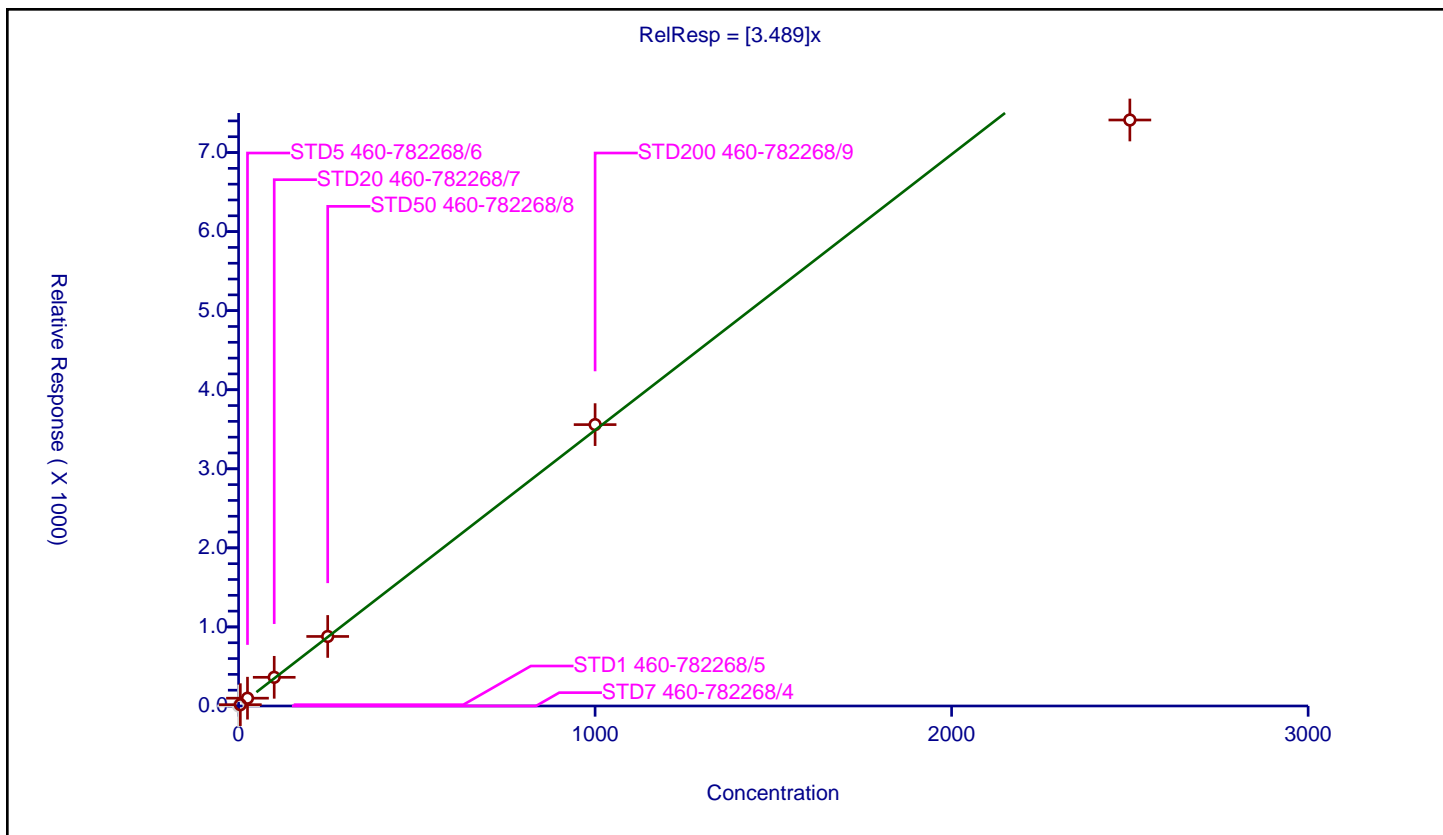
## Curve Coefficients

Intercept: 0  
 Slope: 3.489

## Error Coefficients

Standard Error: 5160000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	250.0	210384.0	NaN	N
2	STD1 460-782268/5	5.0	16.577333	250.0	218657.0	3.315467	Y
3	STD5 460-782268/6	25.0	98.637968	250.0	197756.0	3.945519	Y
4	STD20 460-782268/7	100.0	362.882196	250.0	230085.0	3.628822	Y
5	STD50 460-782268/8	250.0	879.500327	250.0	242899.0	3.518001	Y
6	STD200 460-782268/9	1000.0	3558.875132	250.0	299235.0	3.558875	Y
7	STD500 460-782268/10	2500.0	7411.51055	250.0	360478.0	2.964604	Y





# Calibration

/ n-Butyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

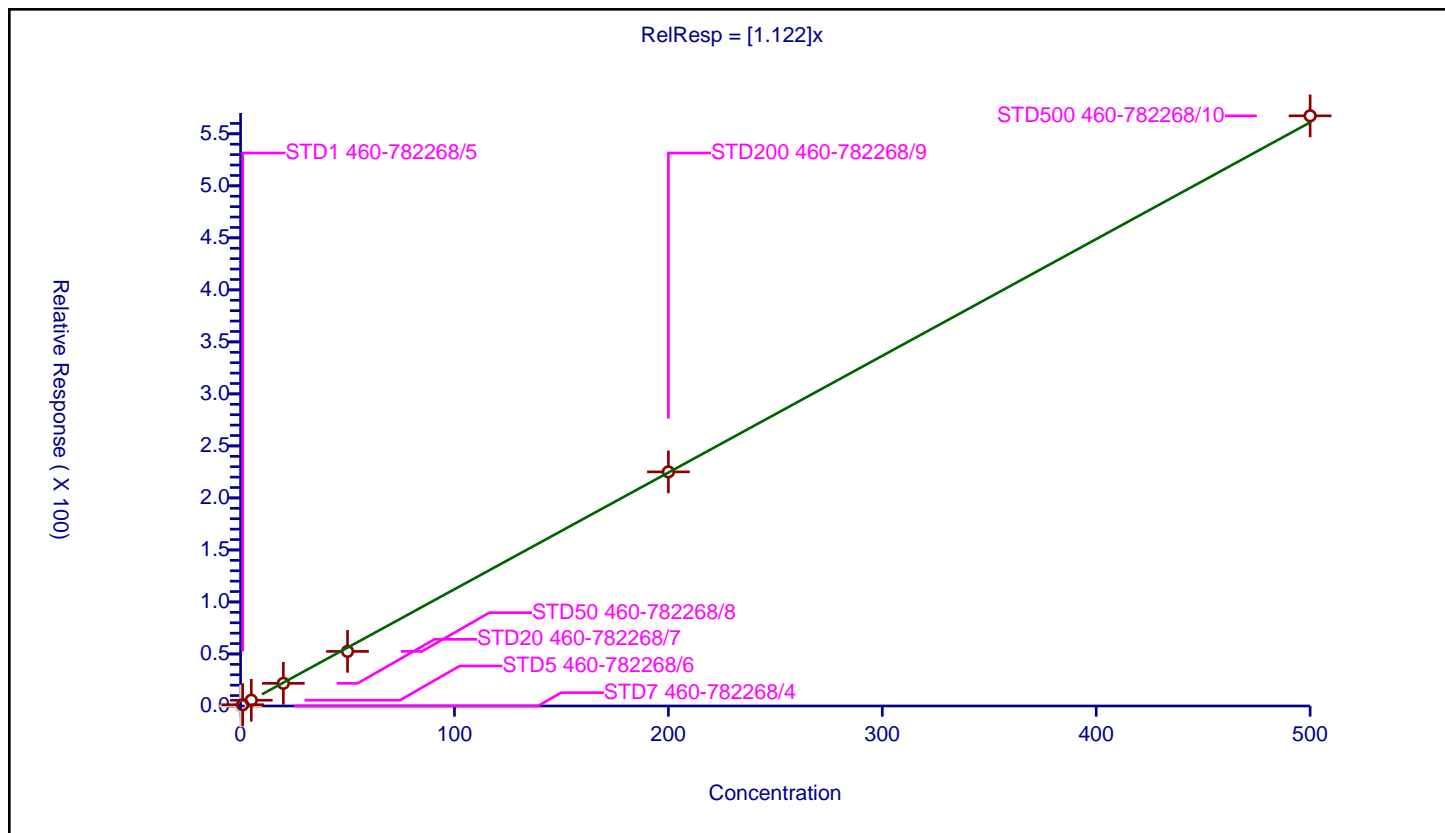
## Curve Coefficients

Intercept: 0  
 Slope: 1.122

## Error Coefficients

Standard Error: 2220000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	1.227554	50.0	345443.0	1.227554	Y
3	STD5 460-782268/6	5.0	5.529132	50.0	324626.0	1.105826	Y
4	STD20 460-782268/7	20.0	21.779926	50.0	337368.0	1.088996	Y
5	STD50 460-782268/8	50.0	52.491975	50.0	355742.0	1.049839	Y
6	STD200 460-782268/9	200.0	225.049868	50.0	389529.0	1.125249	Y
7	STD500 460-782268/10	500.0	567.28821	50.0	407963.0	1.134576	Y



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

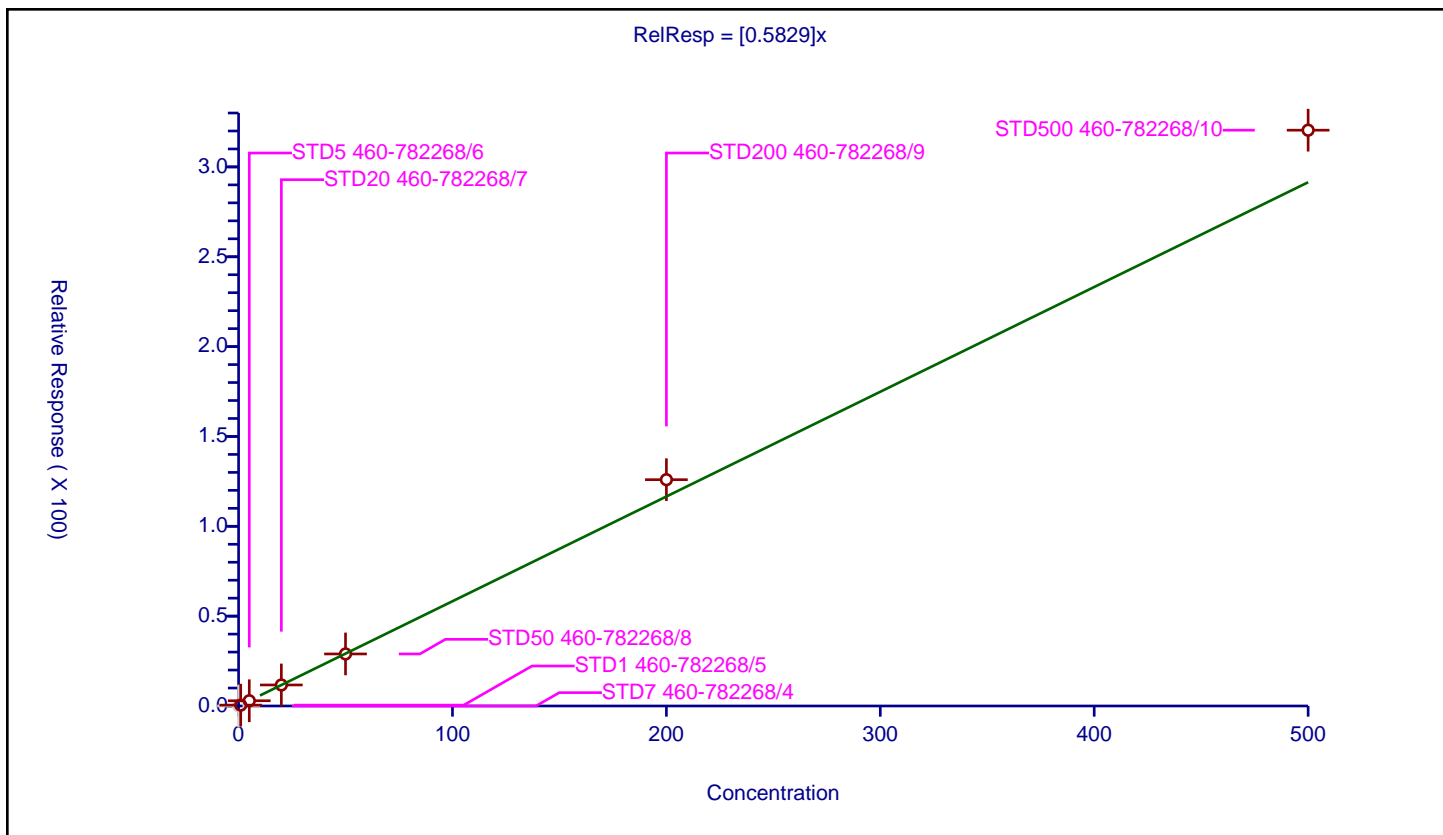
## Curve Coefficients

Intercept: 0  
 Slope: 0.5829

## Error Coefficients

Standard Error: 1250000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.47895	50.0	345443.0	0.47895	Y
3	STD5 460-782268/6	5.0	2.919051	50.0	324626.0	0.58381	Y
4	STD20 460-782268/7	20.0	11.696575	50.0	337368.0	0.584829	Y
5	STD50 460-782268/8	50.0	28.962001	50.0	355742.0	0.57924	Y
6	STD200 460-782268/9	200.0	125.948132	50.0	389529.0	0.629741	Y
7	STD500 460-782268/10	500.0	320.449281	50.0	407963.0	0.640899	Y



# Calibration

/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

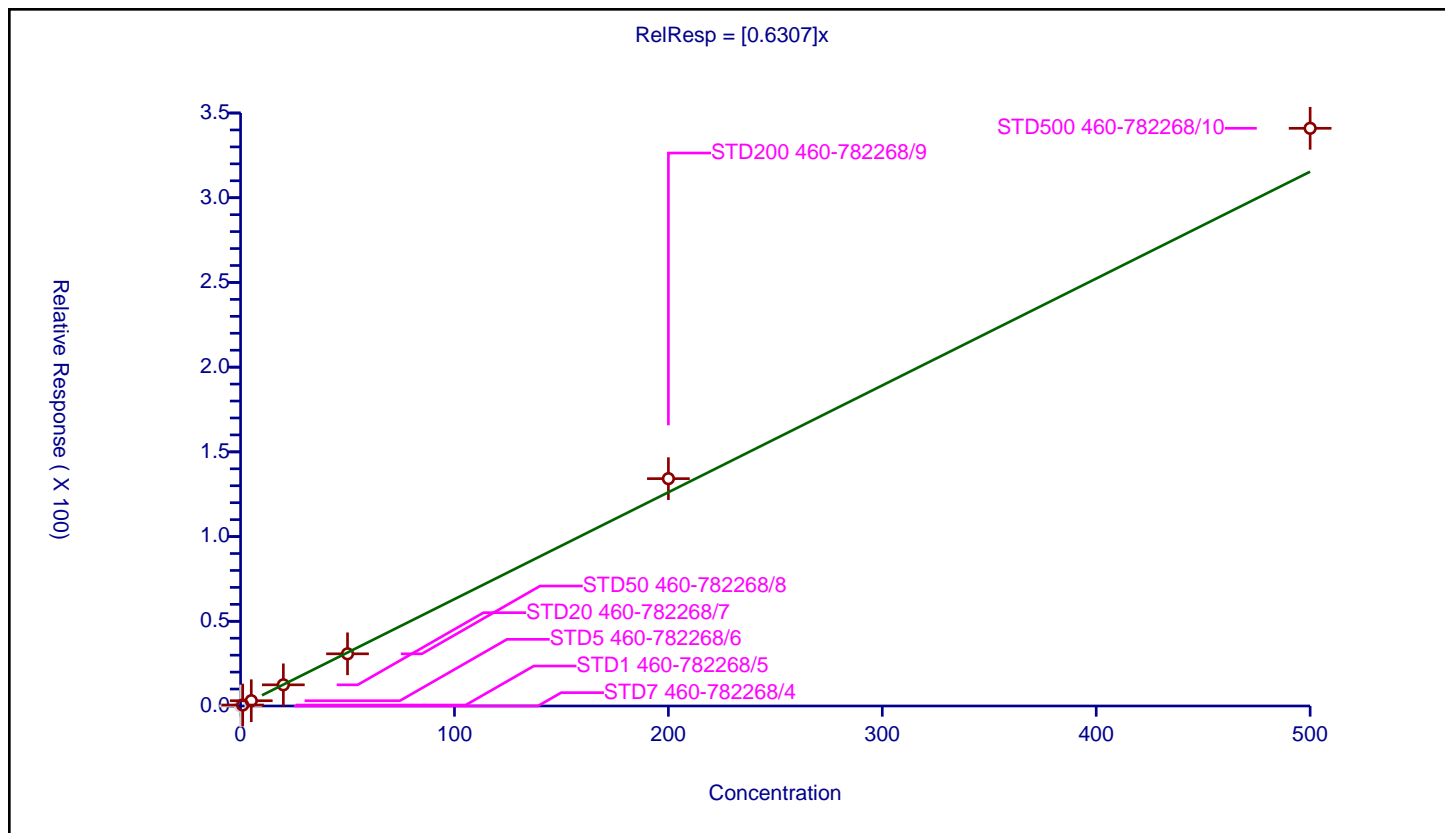
## Curve Coefficients

Intercept: 0  
 Slope: 0.6307

## Error Coefficients

Standard Error: 1330000  
 Relative Standard Error: 6.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.570137	50.0	345443.0	0.570137	Y
3	STD5 460-782268/6	5.0	3.10388	50.0	324626.0	0.620776	Y
4	STD20 460-782268/7	20.0	12.492441	50.0	337368.0	0.624622	Y
5	STD50 460-782268/8	50.0	30.798163	50.0	355742.0	0.615963	Y
6	STD200 460-782268/9	200.0	134.184233	50.0	389529.0	0.670921	Y
7	STD500 460-782268/10	500.0	340.977613	50.0	407963.0	0.681955	Y



# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

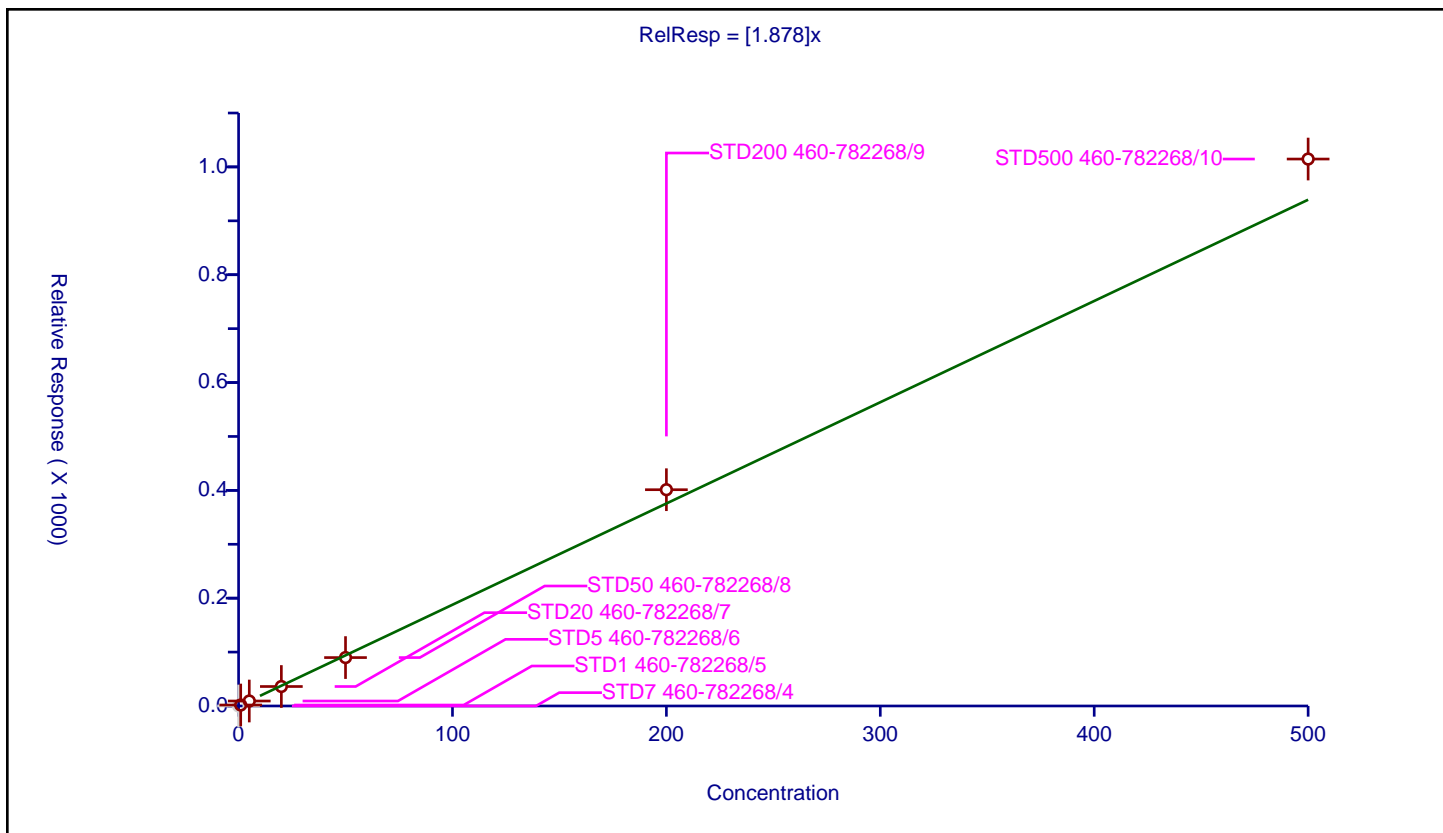
## Curve Coefficients

Intercept: 0  
 Slope: 1.878

## Error Coefficients

Standard Error: 3970000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	1.784375	50.0	345443.0	1.784375	Y
3	STD5 460-782268/6	5.0	9.228158	50.0	324626.0	1.845632	Y
4	STD20 460-782268/7	20.0	36.155771	50.0	337368.0	1.807789	Y
5	STD50 460-782268/8	50.0	89.819869	50.0	355742.0	1.796397	Y
6	STD200 460-782268/9	200.0	401.202735	50.0	389529.0	2.006014	Y
7	STD500 460-782268/10	500.0	1014.628042	50.0	407963.0	2.029256	Y



# Calibration

/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

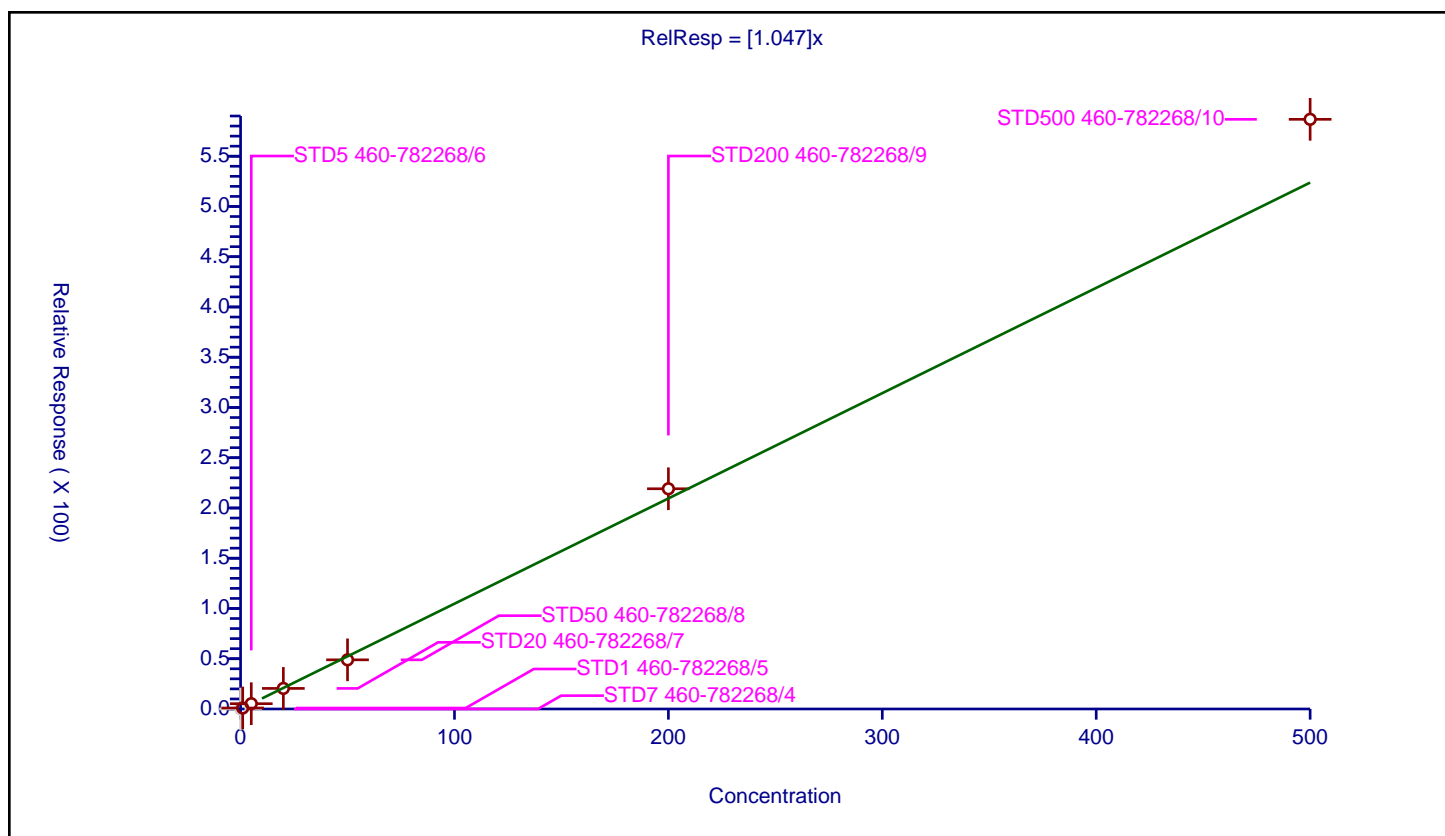
## Curve Coefficients

Intercept: 0  
 Slope: 1.047

## Error Coefficients

Standard Error: 2280000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.962966	50.0	345443.0	0.962966	Y
3	STD5 460-782268/6	5.0	5.257589	50.0	324626.0	1.051518	Y
4	STD20 460-782268/7	20.0	20.465041	50.0	337368.0	1.023252	Y
5	STD50 460-782268/8	50.0	48.912836	50.0	355742.0	0.978257	Y
6	STD200 460-782268/9	200.0	219.108975	50.0	389529.0	1.095545	Y
7	STD500 460-782268/10	500.0	586.704309	50.0	407963.0	1.173409	Y



# Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

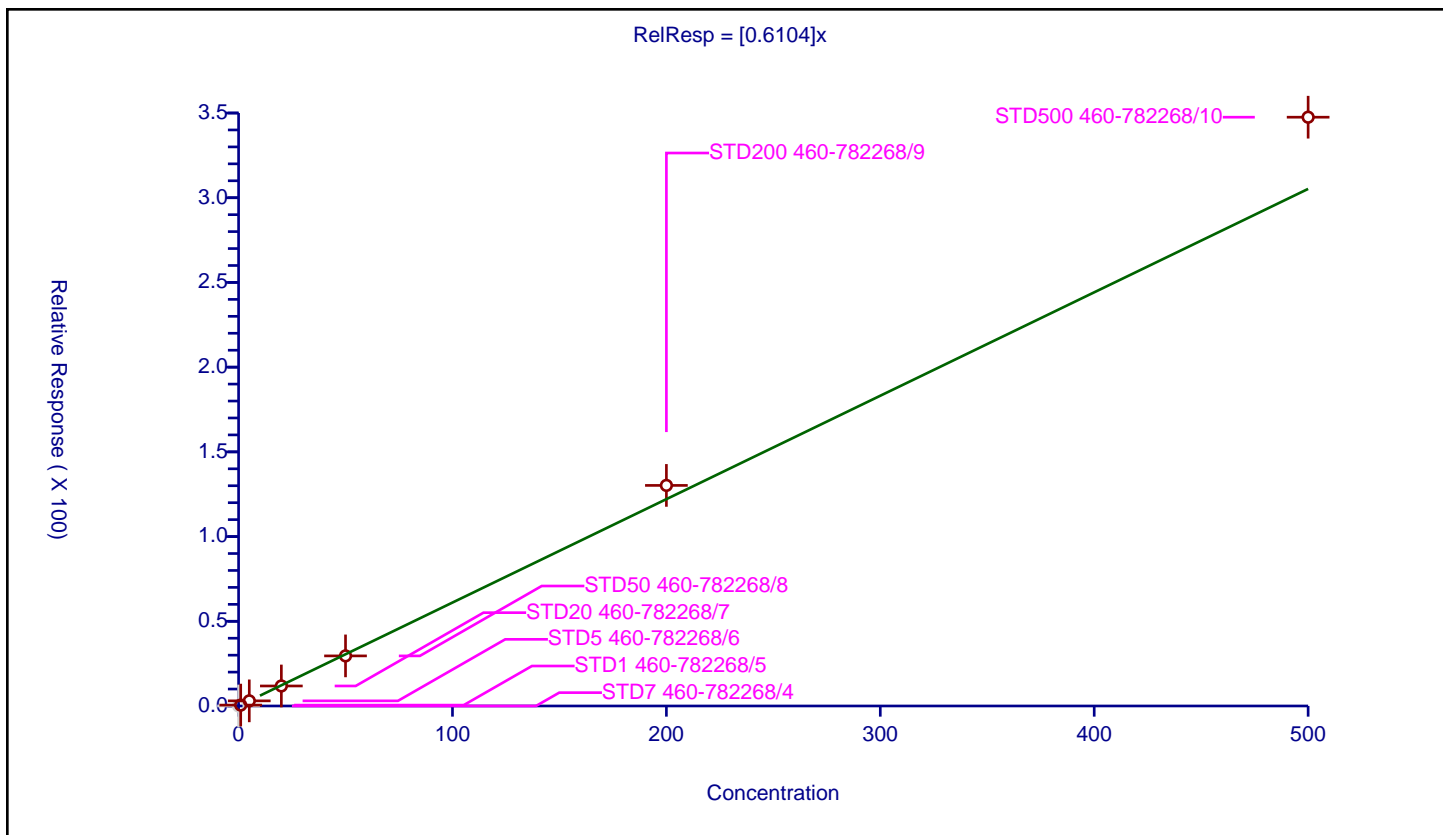
## Curve Coefficients

Intercept: 0  
 Slope: 0.6104

## Error Coefficients

Standard Error: 1350000  
 Relative Standard Error: 9.3  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.528886	50.0	345443.0	0.528886	Y
3	STD5 460-782268/6	5.0	3.025328	50.0	324626.0	0.605066	Y
4	STD20 460-782268/7	20.0	11.820327	50.0	337368.0	0.591016	Y
5	STD50 460-782268/8	50.0	29.568479	50.0	355742.0	0.59137	Y
6	STD200 460-782268/9	200.0	130.198008	50.0	389529.0	0.65099	Y
7	STD500 460-782268/10	500.0	347.530046	50.0	407963.0	0.69506	Y



# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

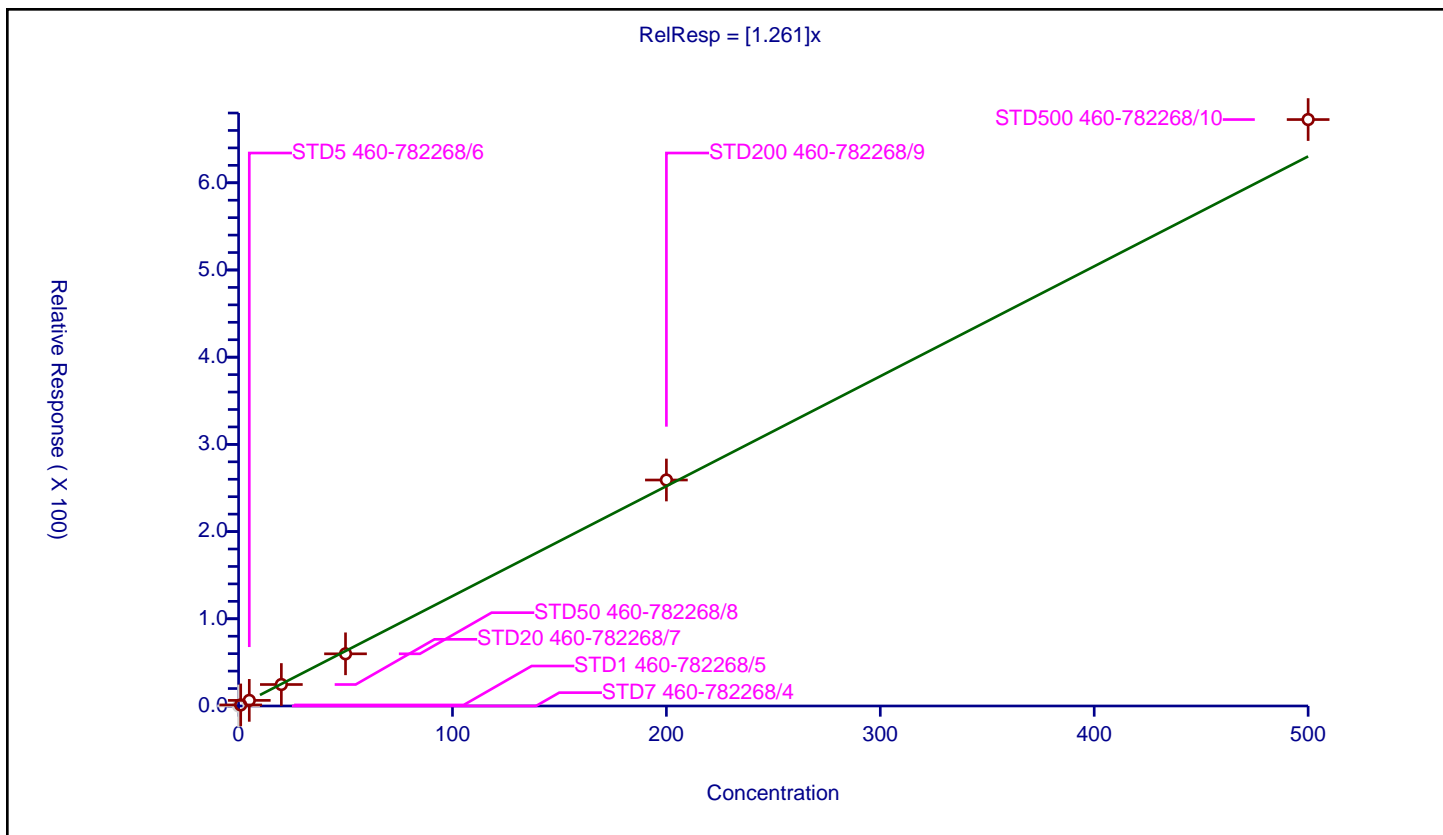
## Curve Coefficients

Intercept: 0  
Slope: 1.261

## Error Coefficients

Standard Error: 2620000  
Relative Standard Error: 4.7  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	1.20454	50.0	345443.0	1.20454	Y
3	STD5 460-782268/6	5.0	6.447882	50.0	324626.0	1.289576	Y
4	STD20 460-782268/7	20.0	24.628003	50.0	337368.0	1.2314	Y
5	STD50 460-782268/8	50.0	59.836623	50.0	355742.0	1.196732	Y
6	STD200 460-782268/9	200.0	259.162219	50.0	389529.0	1.295811	Y
7	STD500 460-782268/10	500.0	672.508904	50.0	407963.0	1.345018	Y



# Calibration

/ n-Butyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

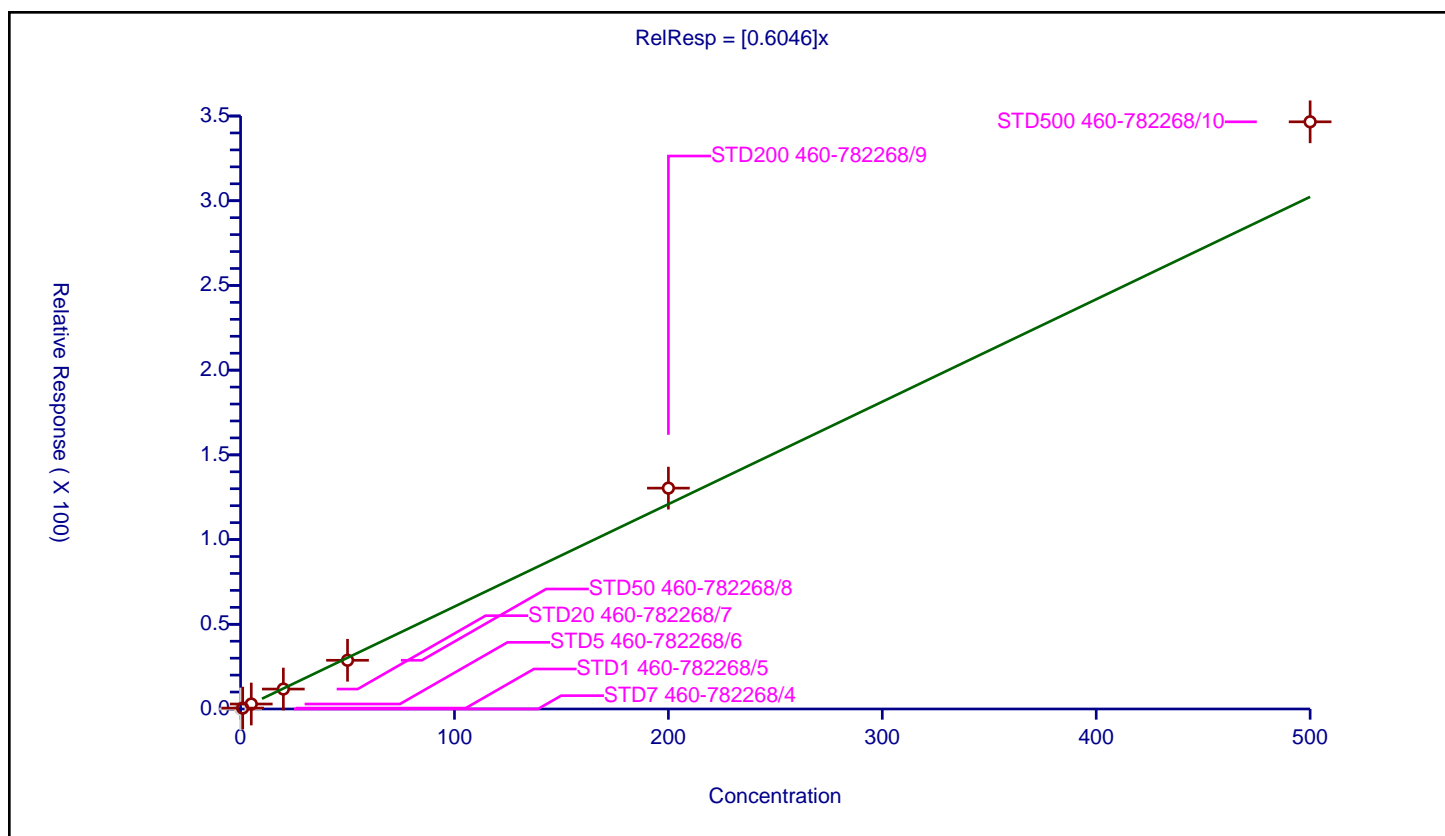
## Curve Coefficients

Intercept: 0  
 Slope: 0.6046

## Error Coefficients

Standard Error: 1350000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.530334	50.0	345443.0	0.530334	Y
3	STD5 460-782268/6	5.0	2.942617	50.0	324626.0	0.588523	Y
4	STD20 460-782268/7	20.0	11.772753	50.0	337368.0	0.588638	Y
5	STD50 460-782268/8	50.0	28.742741	50.0	355742.0	0.574855	Y
6	STD200 460-782268/9	200.0	130.371551	50.0	389529.0	0.651858	Y
7	STD500 460-782268/10	500.0	346.580082	50.0	407963.0	0.69316	Y





# Calibration

/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

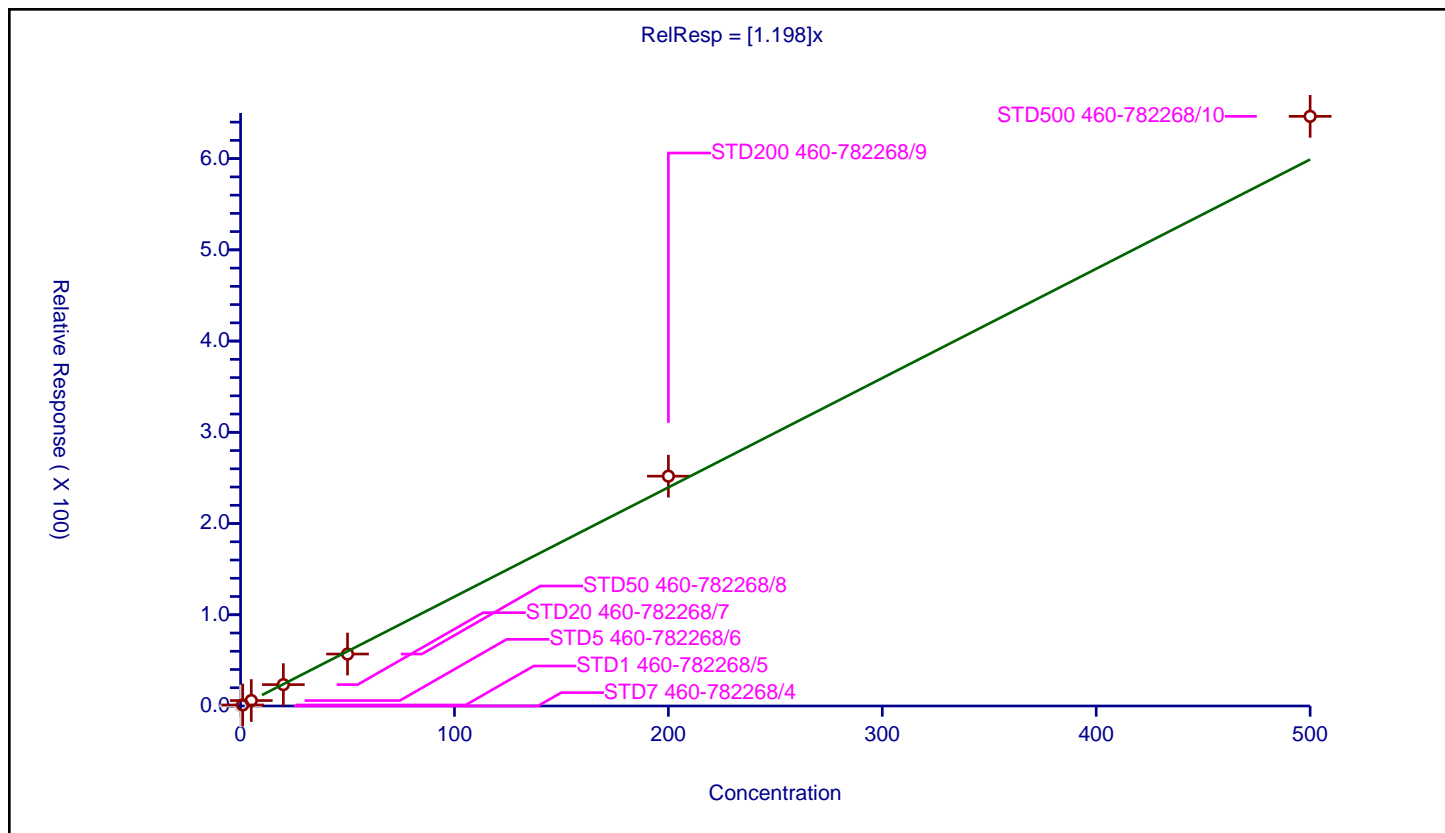
## Curve Coefficients

Intercept: 0  
 Slope: 1.198

## Error Coefficients

Standard Error: 2520000  
 Relative Standard Error: 5.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	1.12884	50.0	345443.0	1.12884	Y
3	STD5 460-782268/6	5.0	5.983963	50.0	324626.0	1.196793	Y
4	STD20 460-782268/7	20.0	23.429163	50.0	337368.0	1.171458	Y
5	STD50 460-782268/8	50.0	56.969517	50.0	355742.0	1.13939	Y
6	STD200 460-782268/9	200.0	251.942602	50.0	389529.0	1.259713	Y
7	STD500 460-782268/10	500.0	646.349669	50.0	407963.0	1.292699	Y



# Calibration

/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

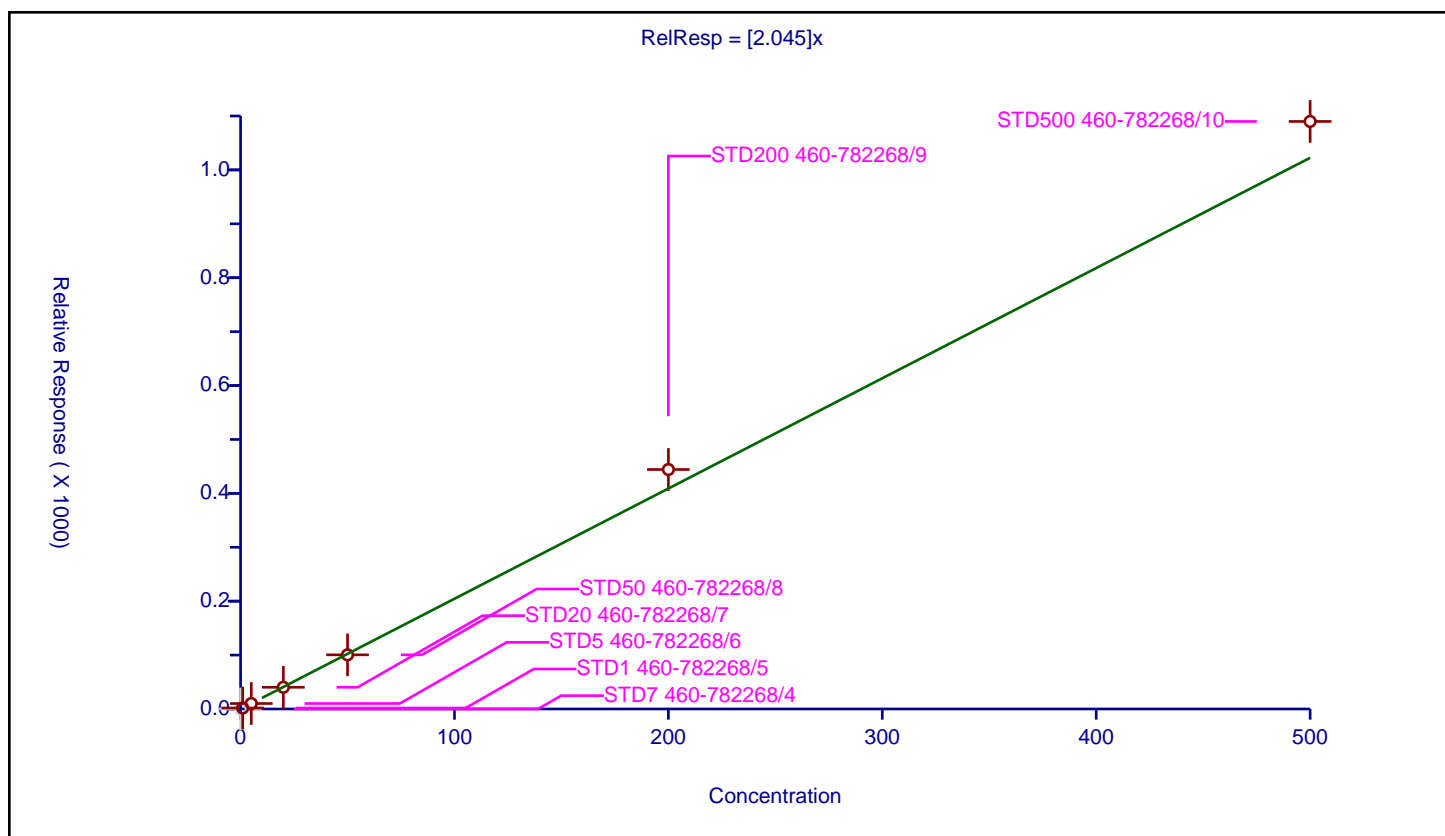
## Curve Coefficients

Intercept: 0  
 Slope: 2.045

## Error Coefficients

Standard Error: 4280000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	1.81289	50.0	345443.0	1.81289	Y
3	STD5 460-782268/6	5.0	10.163696	50.0	324626.0	2.032739	Y
4	STD20 460-782268/7	20.0	40.2842	50.0	337368.0	2.01421	Y
5	STD50 460-782268/8	50.0	100.420951	50.0	355742.0	2.008419	Y
6	STD200 460-782268/9	200.0	444.250236	50.0	389529.0	2.221251	Y
7	STD500 460-782268/10	500.0	1089.902271	50.0	407963.0	2.179805	Y



# Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

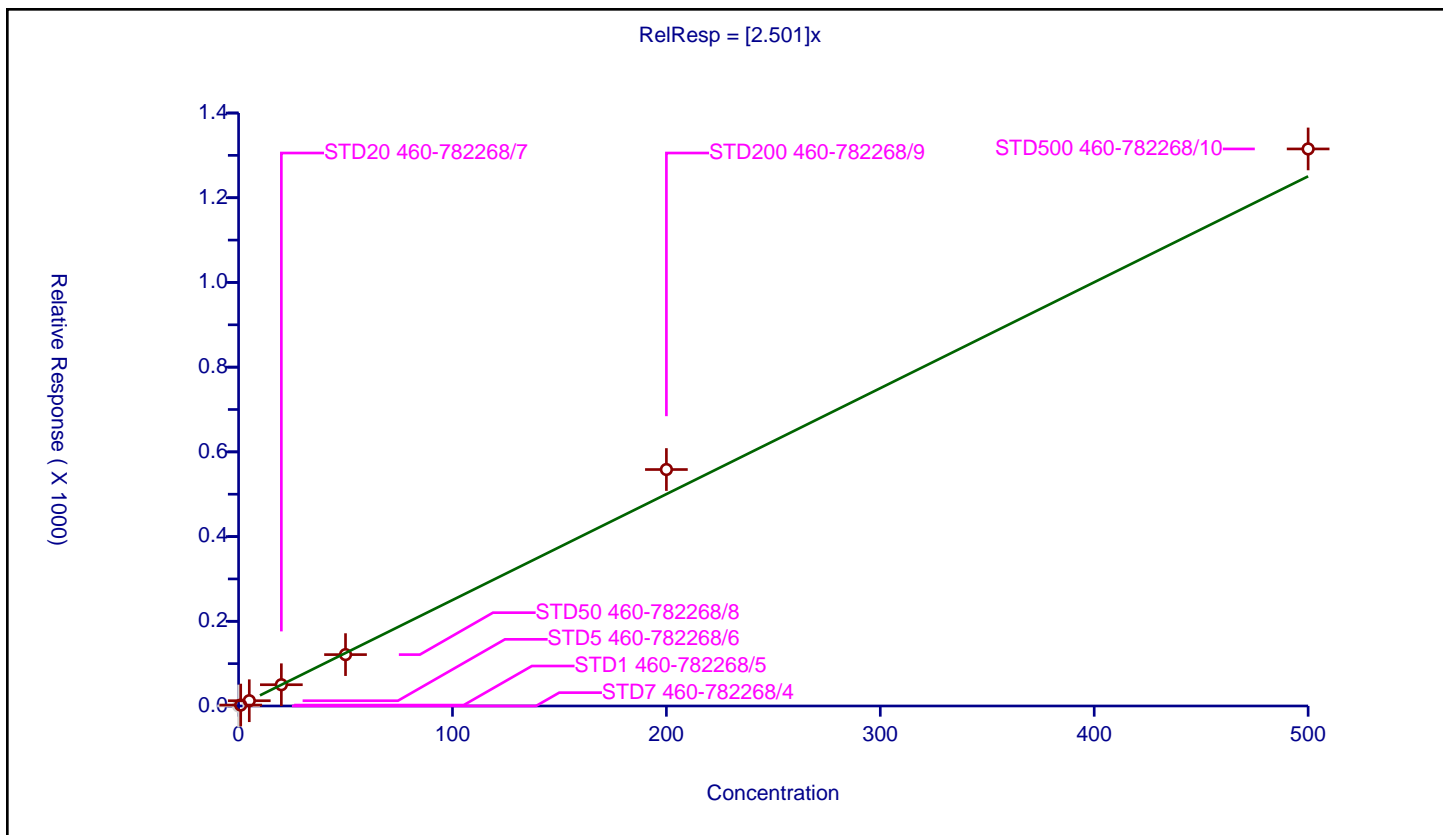
## Curve Coefficients

Intercept: 0  
 Slope: 2.501

## Error Coefficients

Standard Error: 2370000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	2.155679	50.0	165957.0	2.155679	Y
3	STD5 460-782268/6	5.0	12.464244	50.0	154518.0	2.492849	Y
4	STD20 460-782268/7	20.0	50.201897	50.0	161221.0	2.510095	Y
5	STD50 460-782268/8	50.0	121.318569	50.0	168698.0	2.426371	Y
6	STD200 460-782268/9	200.0	558.267707	50.0	167489.0	2.791339	Y
7	STD500 460-782268/10	500.0	1315.209342	50.0	188233.0	2.630419	Y



# Calibration

/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

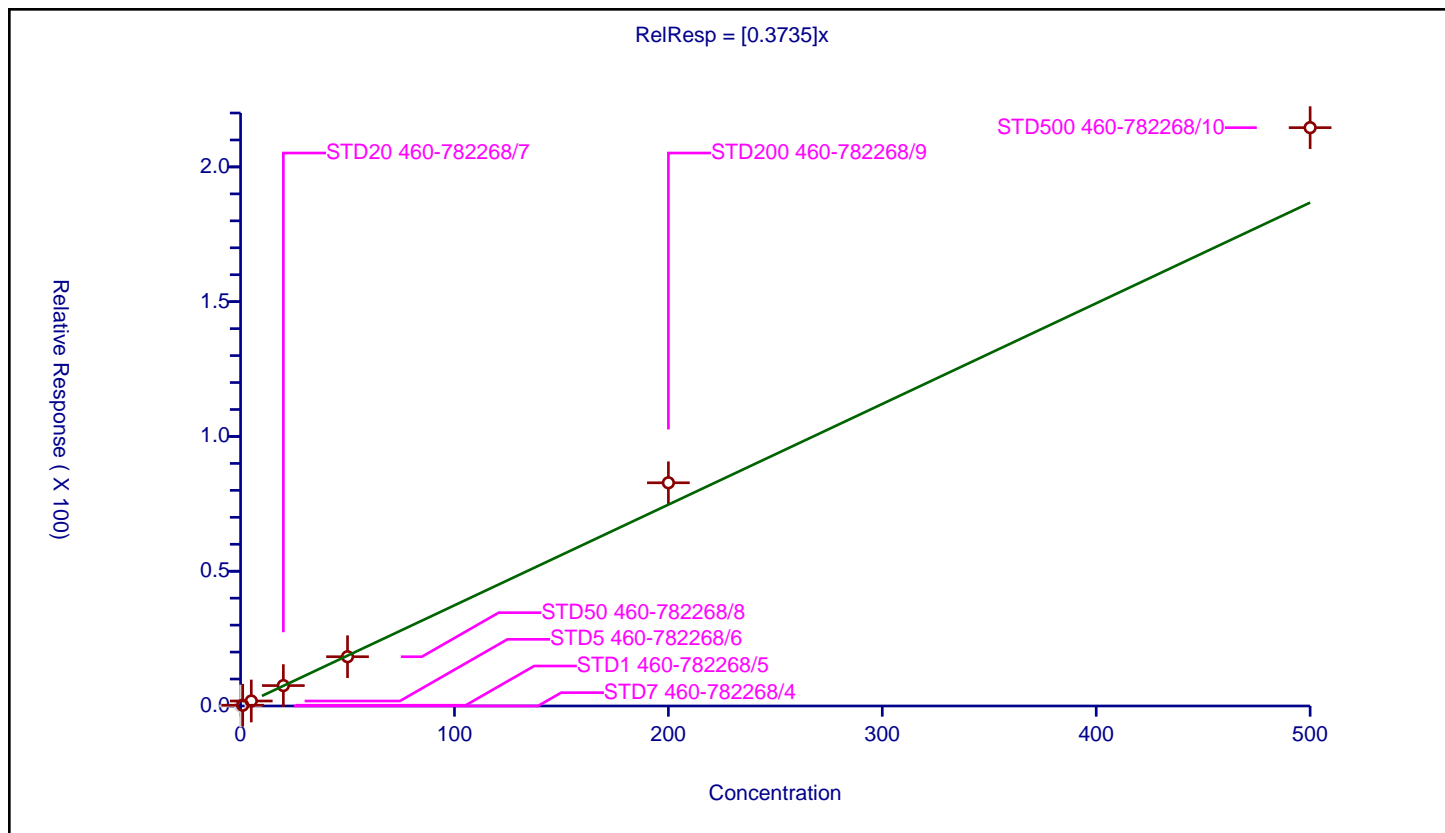
## Curve Coefficients

Intercept: 0  
 Slope: 0.3735

## Error Coefficients

Standard Error: 837000  
 Relative Standard Error: 13.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	0.282825	50.0	345443.0	0.282825	Y
3	STD5 460-782268/6	5.0	1.856136	50.0	324626.0	0.371227	Y
4	STD20 460-782268/7	20.0	7.569331	50.0	337368.0	0.378467	Y
5	STD50 460-782268/8	50.0	18.273777	50.0	355742.0	0.365476	Y
6	STD200 460-782268/9	200.0	82.811164	50.0	389529.0	0.414056	Y
7	STD500 460-782268/10	500.0	214.56762	50.0	407963.0	0.429135	Y



# Calibration

/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

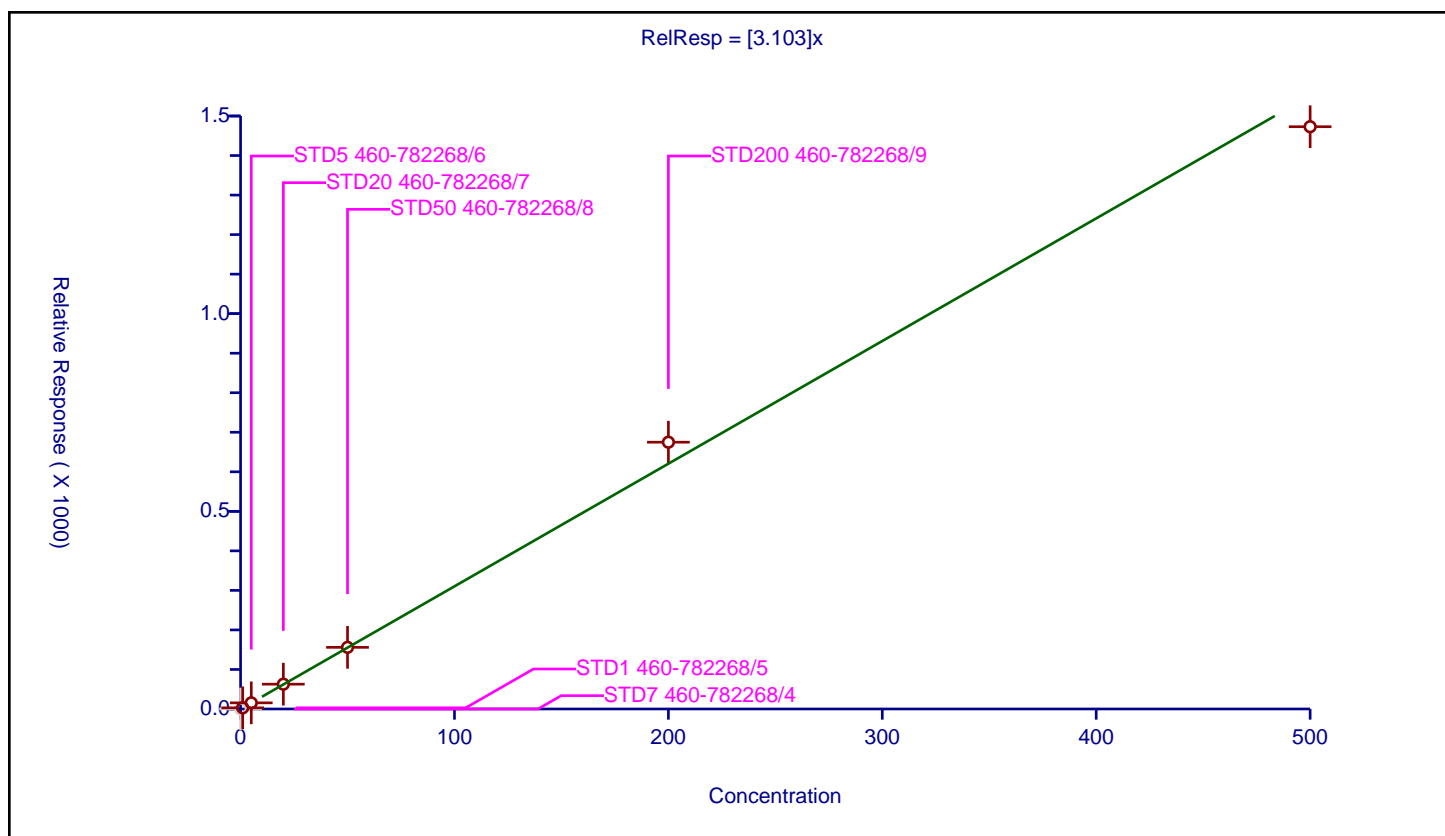
## Curve Coefficients

Intercept: 0  
 Slope: 3.103

## Error Coefficients

Standard Error: 5890000  
 Relative Standard Error: 5.2  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	337547.0	NaN	N
2	STD1 460-782268/5	1.0	2.924795	50.0	345443.0	2.924795	Y
3	STD5 460-782268/6	5.0	15.577465	50.0	324626.0	3.115493	Y
4	STD20 460-782268/7	20.0	62.737723	50.0	337368.0	3.136886	Y
5	STD50 460-782268/8	50.0	155.904138	50.0	355742.0	3.118083	Y
6	STD200 460-782268/9	200.0	674.897504	50.0	389529.0	3.374488	Y
7	STD500 460-782268/10	500.0	1472.935904	50.0	407963.0	2.945872	Y



# Calibration

/ 4-Bromofluorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

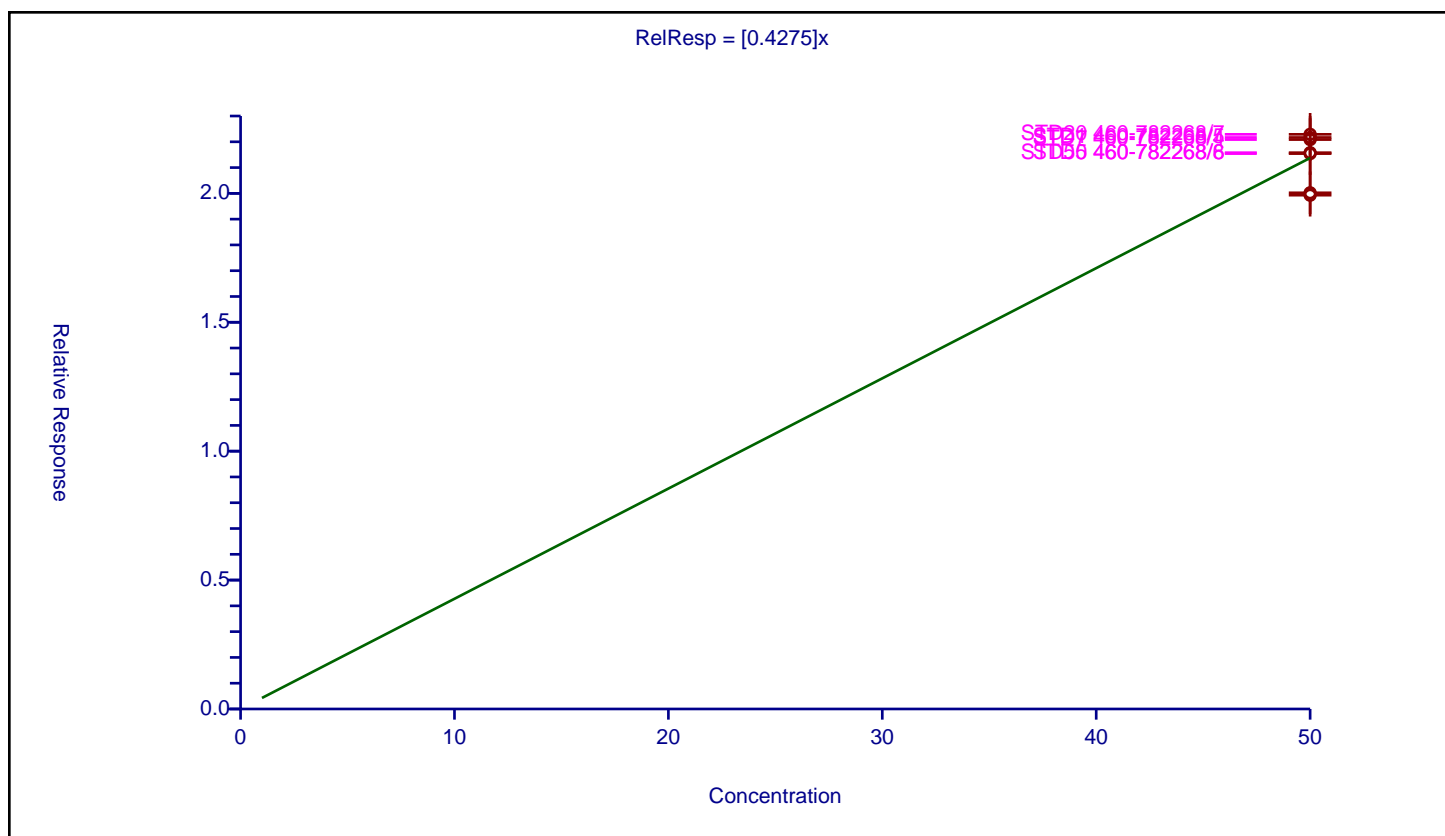
## Curve Coefficients

Intercept: 0  
 Slope: 0.4275

## Error Coefficients

Standard Error: 164000  
 Relative Standard Error: 4.7  
 Correlation Coefficient: 0.00000000000000000000  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	50.0	22.086109	50.0	337547.0	0.441722	Y
2	STD1 460-782268/5	50.0	22.167333	50.0	345443.0	0.443347	Y
3	STD5 460-782268/6	50.0	21.577446	50.0	324626.0	0.431549	Y
4	STD20 460-782268/7	50.0	22.289903	50.0	337368.0	0.445798	Y
5	STD50 460-782268/8	50.0	21.541454	50.0	355742.0	0.430829	Y
6	STD200 460-782268/9	50.0	19.929068	50.0	389529.0	0.398581	Y
7	STD500 460-782268/10	50.0	20.021669	50.0	407963.0	0.400433	Y



# Calibration

/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

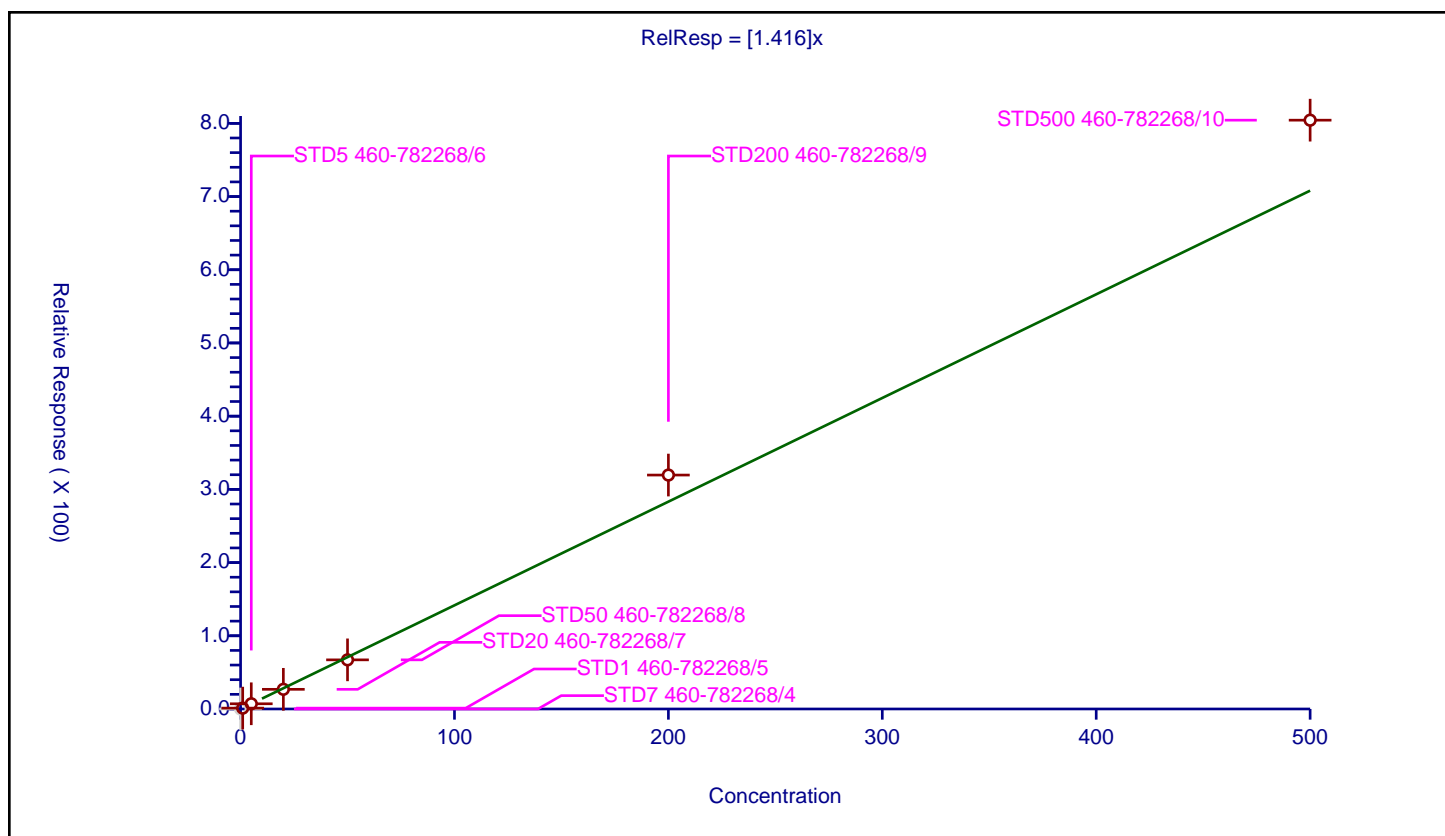
## Curve Coefficients

Intercept: 0  
 Slope: 1.416

## Error Coefficients

Standard Error: 1440000  
 Relative Standard Error: 11.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	1.176208	50.0	165957.0	1.176208	Y
3	STD5 460-782268/6	5.0	7.139298	50.0	154518.0	1.42786	Y
4	STD20 460-782268/7	20.0	26.869018	50.0	161221.0	1.343451	Y
5	STD50 460-782268/8	50.0	67.127352	50.0	168698.0	1.342547	Y
6	STD200 460-782268/9	200.0	319.556807	50.0	167489.0	1.597784	Y
7	STD500 460-782268/10	500.0	804.301584	50.0	188233.0	1.608603	Y



# Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

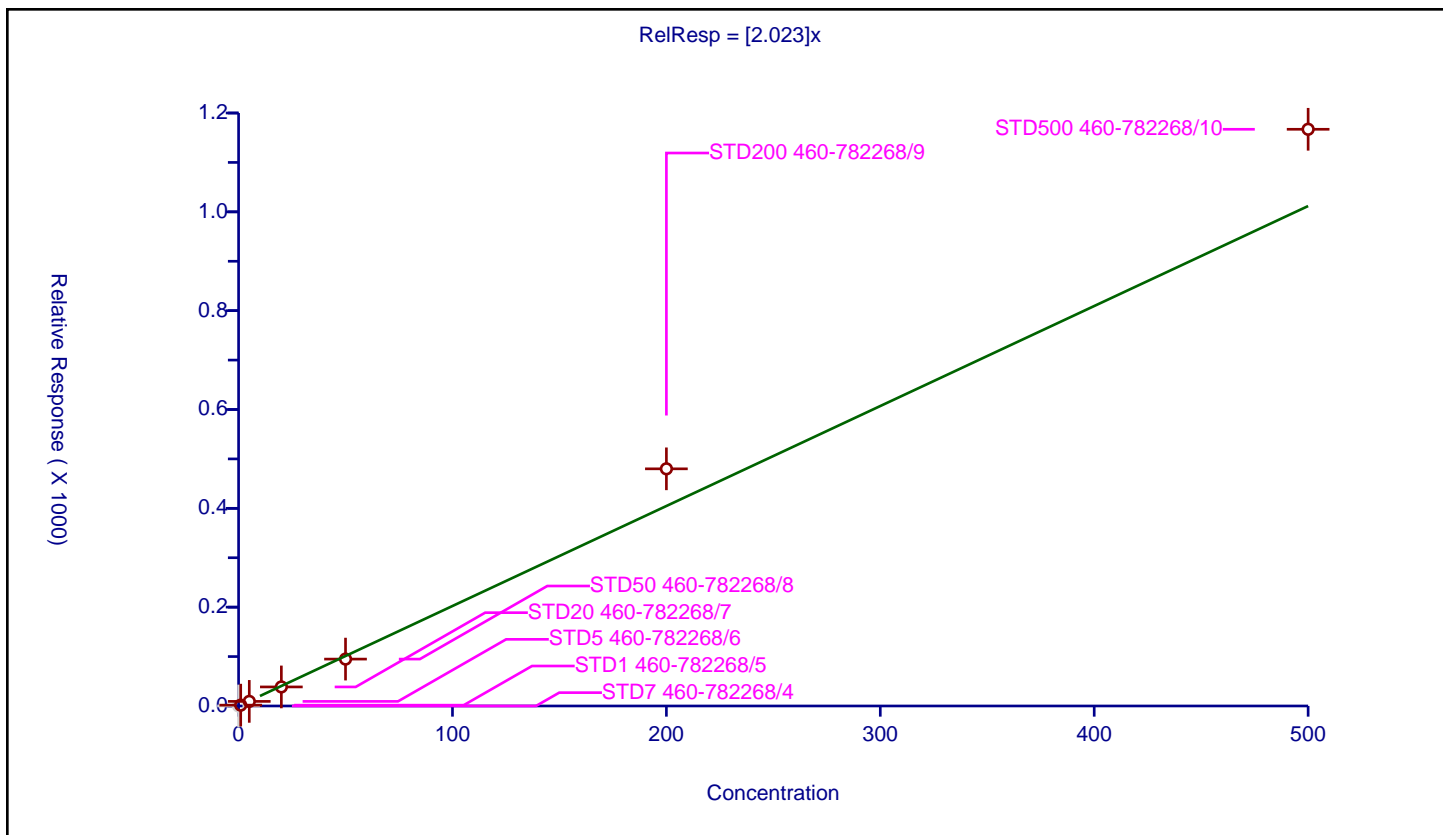
## Curve Coefficients

Intercept: 0  
 Slope: 2.023

## Error Coefficients

Standard Error: 2100000  
 Relative Standard Error: 13.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	1.717011	50.0	165957.0	1.717011	Y
3	STD5 460-782268/6	5.0	9.318979	50.0	154518.0	1.863796	Y
4	STD20 460-782268/7	20.0	38.554841	50.0	161221.0	1.927742	Y
5	STD50 460-782268/8	50.0	94.905097	50.0	168698.0	1.898102	Y
6	STD200 460-782268/9	200.0	479.967043	50.0	167489.0	2.399835	Y
7	STD500 460-782268/10	500.0	1167.096896	50.0	188233.0	2.334194	Y





# Calibration

/ N-Propylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

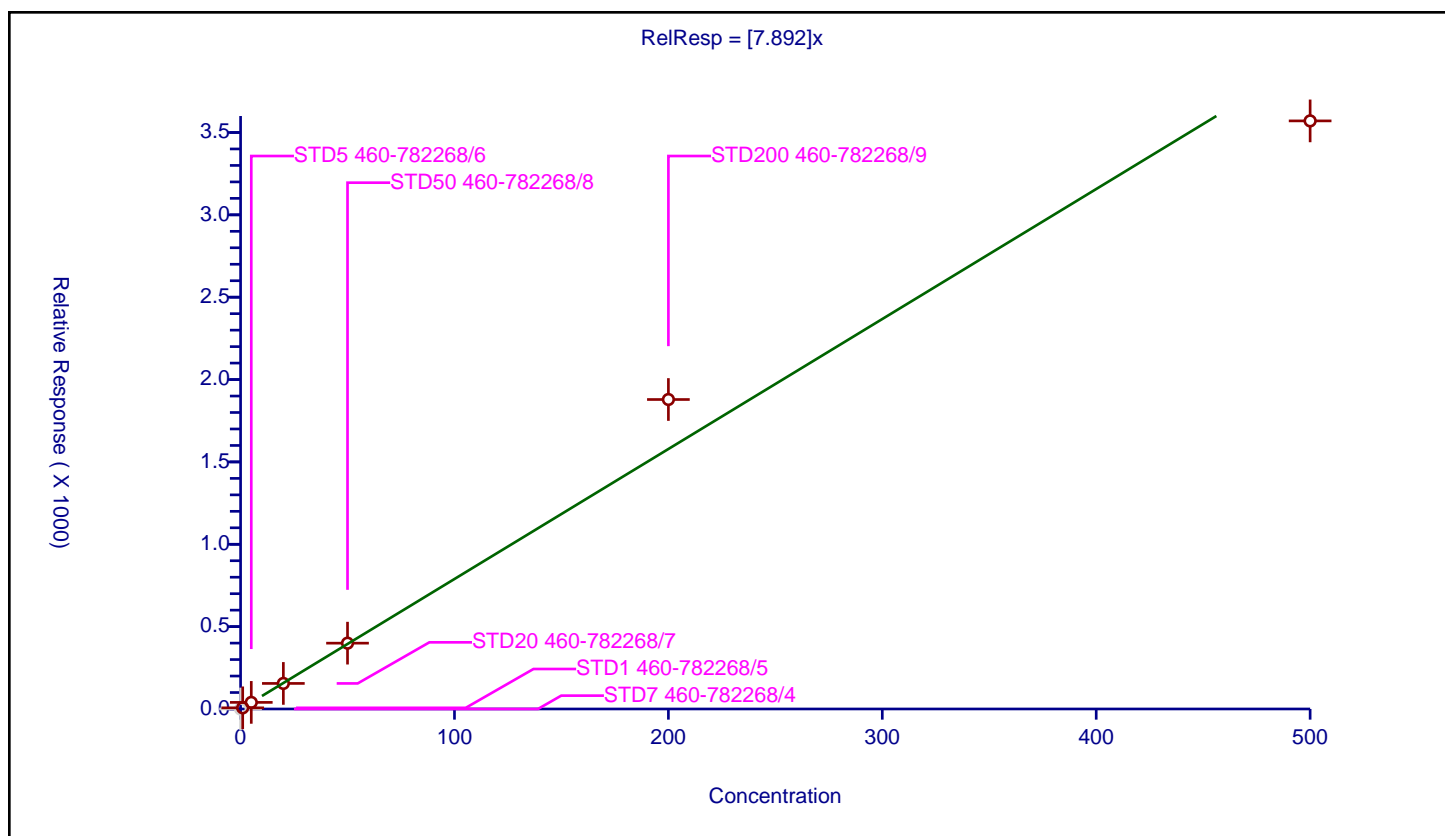
## Curve Coefficients

Intercept: 0  
Slope: 7.892

## Error Coefficients

Standard Error: 6670000  
Relative Standard Error: 10.7  
Correlation Coefficient: 0.995  
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	7.060865	50.0	165957.0	7.060865	Y
3	STD5 460-782268/6	5.0	40.011196	50.0	154518.0	8.002239	Y
4	STD20 460-782268/7	20.0	155.18915	50.0	161221.0	7.759458	Y
5	STD50 460-782268/8	50.0	399.620031	50.0	168698.0	7.992401	Y
6	STD200 460-782268/9	200.0	1878.959215	50.0	167489.0	9.394796	Y
7	STD500 460-782268/10	500.0	3570.386967	50.0	188233.0	7.140774	Y



# Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

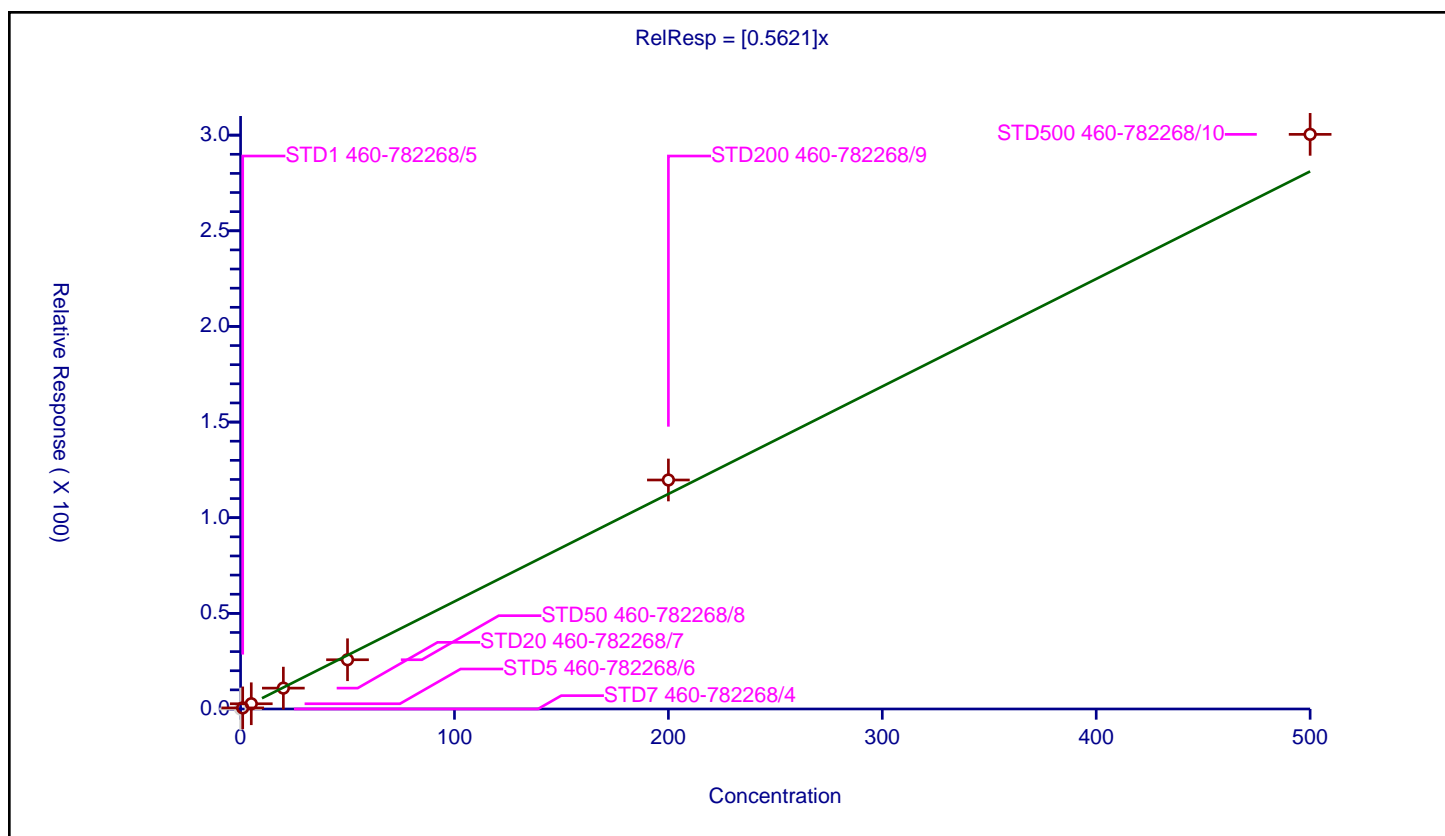
## Curve Coefficients

Intercept: 0  
 Slope: 0.5621

## Error Coefficients

Standard Error: 538000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	0.565508	50.0	165957.0	0.565508	Y
3	STD5 460-782268/6	5.0	2.734309	50.0	154518.0	0.546862	Y
4	STD20 460-782268/7	20.0	10.915141	50.0	161221.0	0.545757	Y
5	STD50 460-782268/8	50.0	25.74749	50.0	168698.0	0.51495	Y
6	STD200 460-782268/9	200.0	119.717116	50.0	167489.0	0.598586	Y
7	STD500 460-782268/10	500.0	300.403489	50.0	188233.0	0.600807	Y



# Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

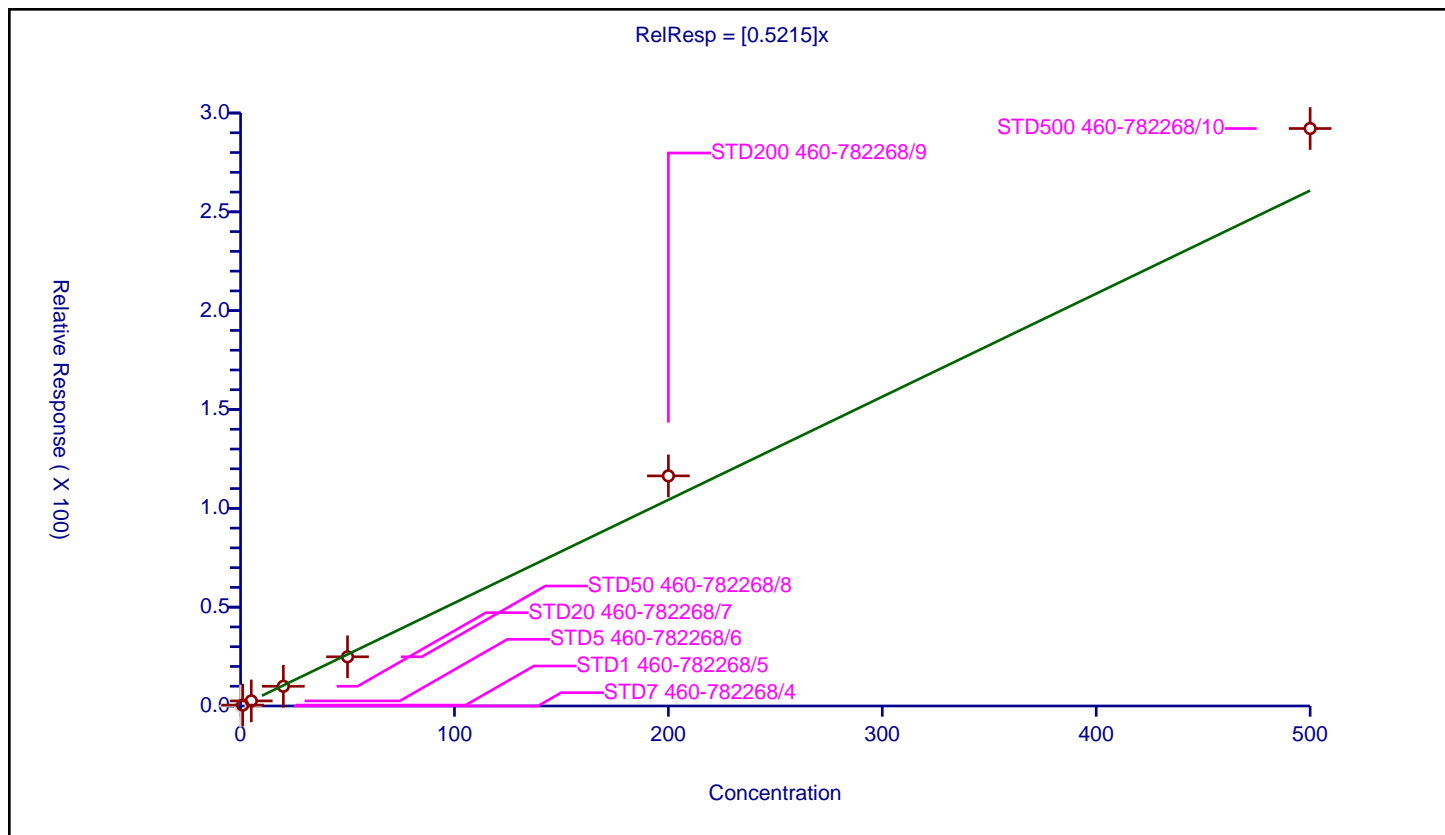
## Curve Coefficients

Intercept: 0  
 Slope: 0.5215

## Error Coefficients

Standard Error: 523000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	0.452828	50.0	165957.0	0.452828	Y
3	STD5 460-782268/6	5.0	2.566044	50.0	154518.0	0.513209	Y
4	STD20 460-782268/7	20.0	9.98226	50.0	161221.0	0.499113	Y
5	STD50 460-782268/8	50.0	24.882334	50.0	168698.0	0.497647	Y
6	STD200 460-782268/9	200.0	116.415705	50.0	167489.0	0.582079	Y
7	STD500 460-782268/10	500.0	292.163967	50.0	188233.0	0.584328	Y



# Calibration

/ 2-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

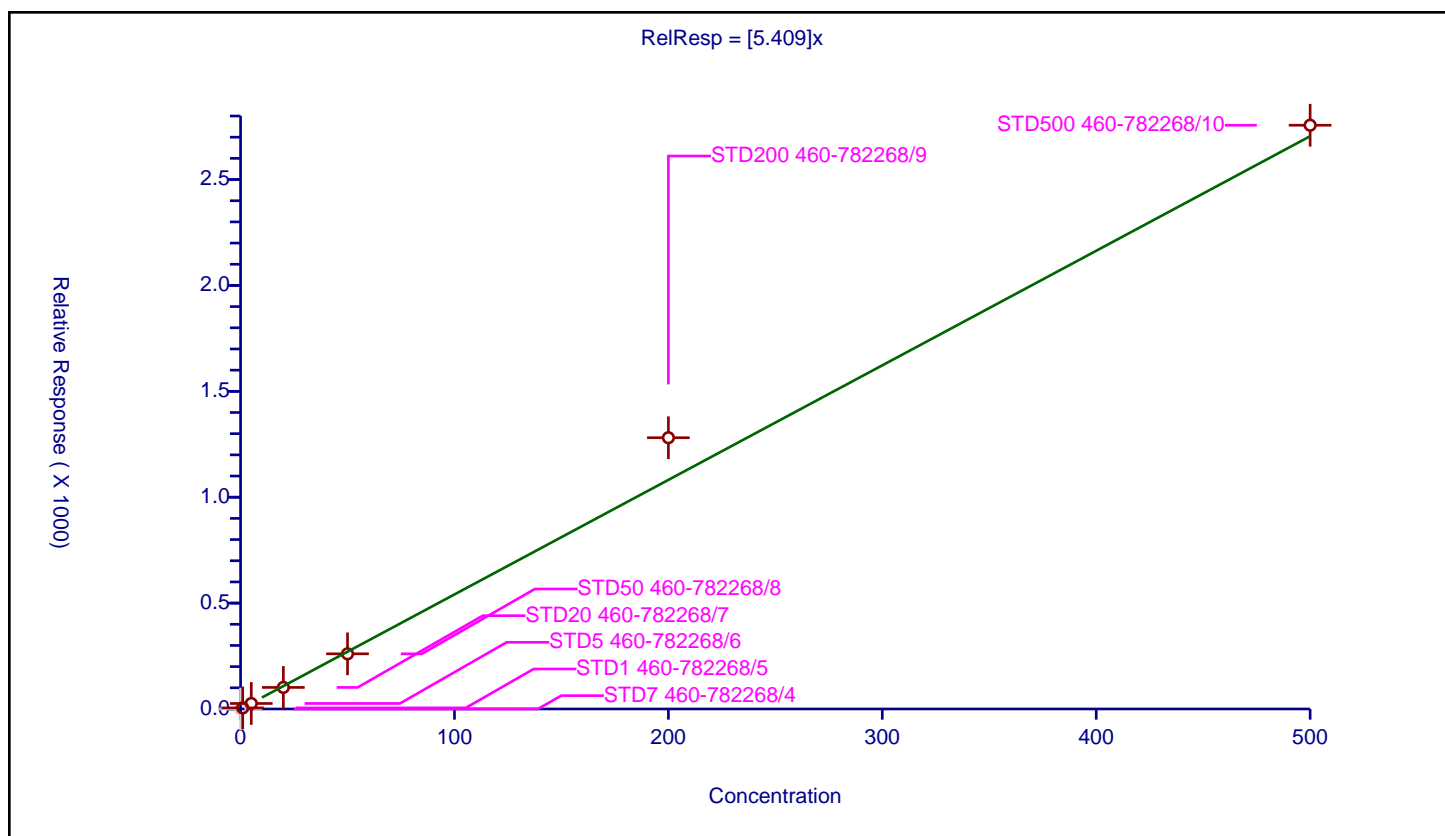
## Curve Coefficients

Intercept: 0  
 Slope: 5.409

## Error Coefficients

Standard Error: 5040000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	5.035943	50.0	165957.0	5.035943	Y
3	STD5 460-782268/6	5.0	26.003119	50.0	154518.0	5.200624	Y
4	STD20 460-782268/7	20.0	101.817691	50.0	161221.0	5.090885	Y
5	STD50 460-782268/8	50.0	260.464558	50.0	168698.0	5.209291	Y
6	STD200 460-782268/9	200.0	1280.892477	50.0	167489.0	6.404462	Y
7	STD500 460-782268/10	500.0	2756.400844	50.0	188233.0	5.512802	Y



# Calibration

/ 4-Ethyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

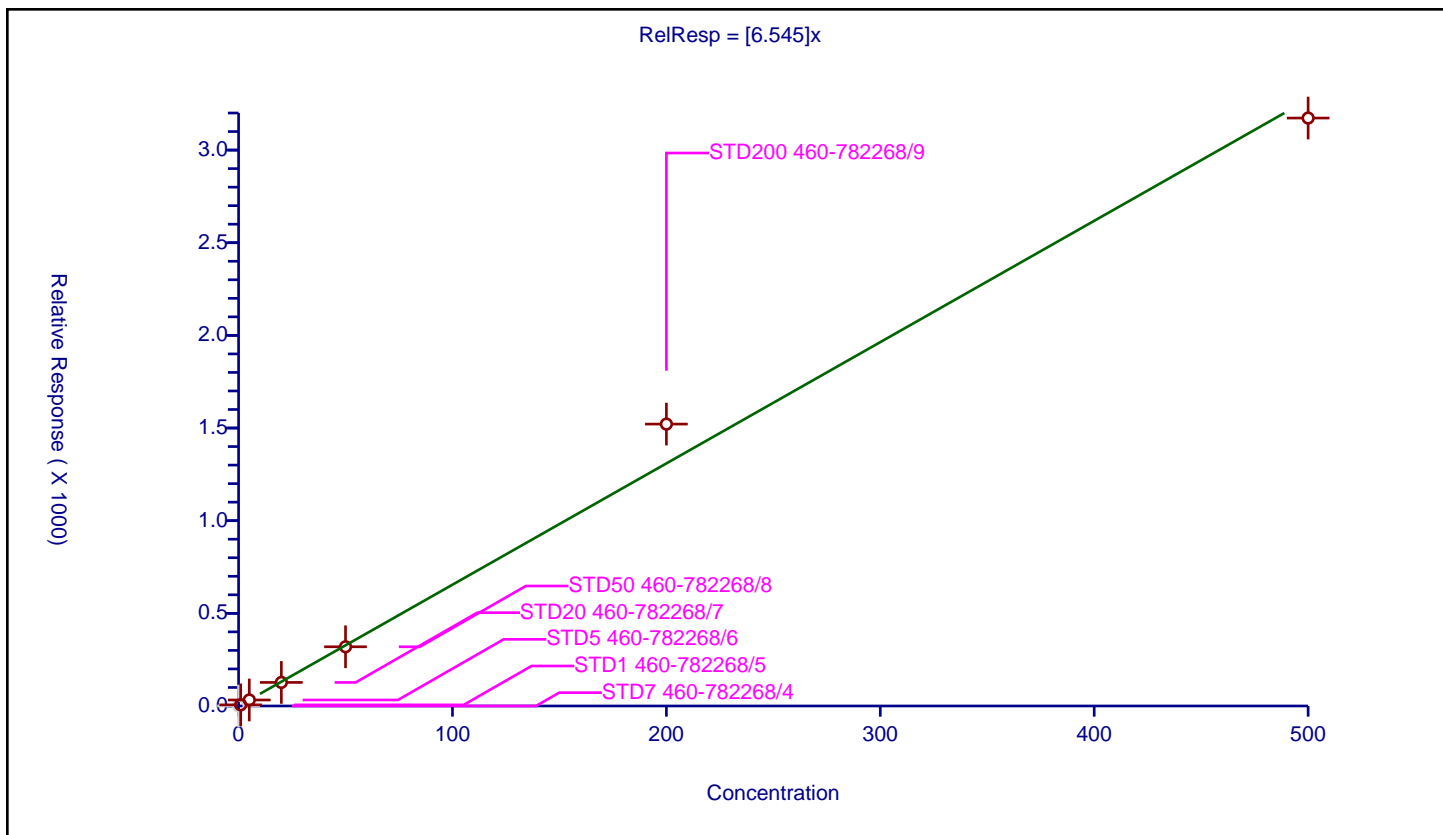
## Curve Coefficients

Intercept: 0  
 Slope: 6.545

## Error Coefficients

Standard Error: 5830000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	6.068138	50.0	165957.0	6.068138	Y
3	STD5 460-782268/6	5.0	32.508187	50.0	154518.0	6.501637	Y
4	STD20 460-782268/7	20.0	127.189386	50.0	161221.0	6.359469	Y
5	STD50 460-782268/8	50.0	319.499342	50.0	168698.0	6.389987	Y
6	STD200 460-782268/9	200.0	1521.348566	50.0	167489.0	7.606743	Y
7	STD500 460-782268/10	500.0	3172.853325	50.0	188233.0	6.345707	Y



# Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

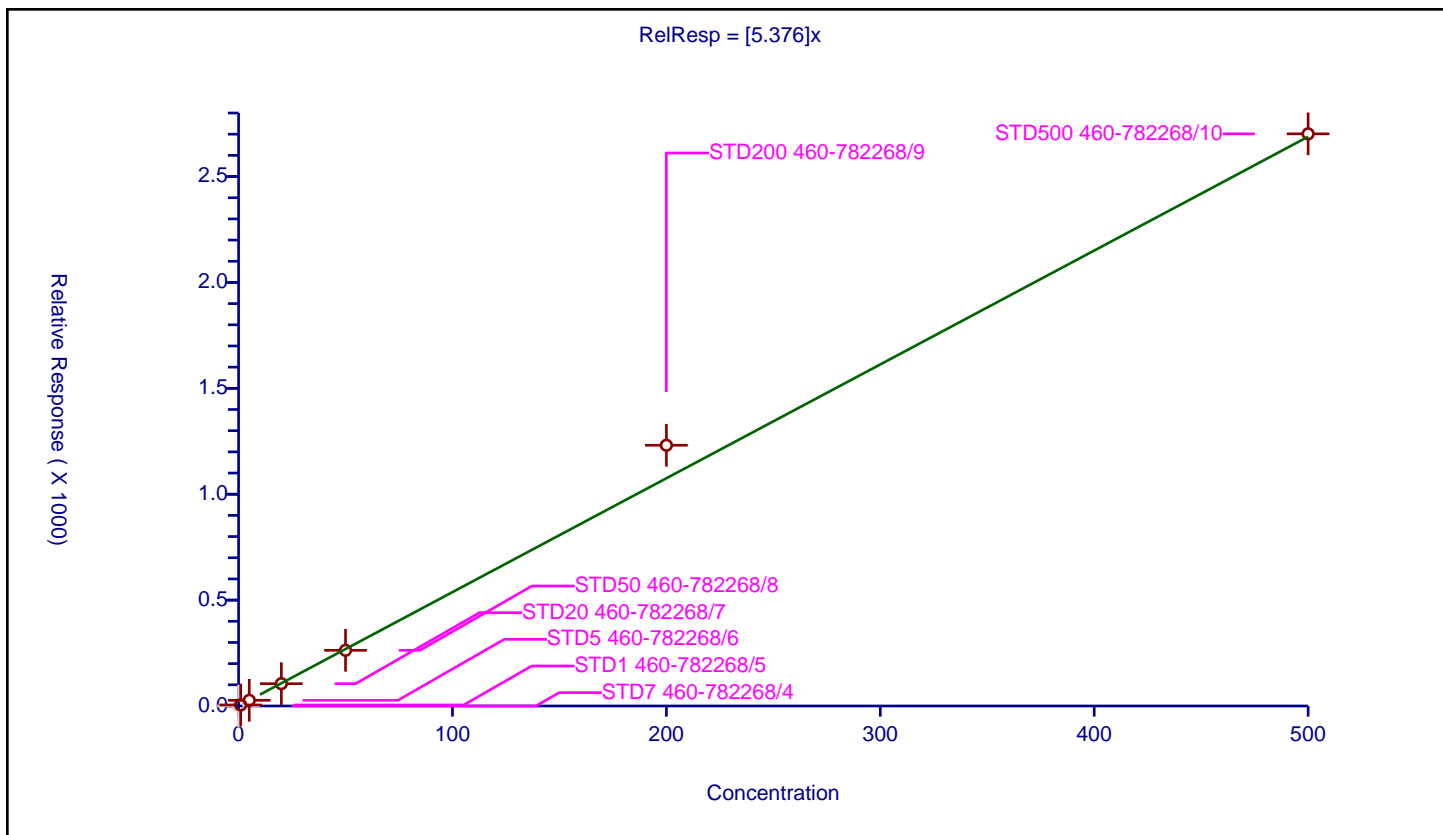
## Curve Coefficients

Intercept: 0  
 Slope: 5.376

## Error Coefficients

Standard Error: 4930000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.811487	50.0	165957.0	4.811487	Y
3	STD5 460-782268/6	5.0	26.828913	50.0	154518.0	5.365783	Y
4	STD20 460-782268/7	20.0	105.270095	50.0	161221.0	5.263505	Y
5	STD50 460-782268/8	50.0	262.865594	50.0	168698.0	5.257312	Y
6	STD200 460-782268/9	200.0	1231.113685	50.0	167489.0	6.155568	Y
7	STD500 460-782268/10	500.0	2701.664692	50.0	188233.0	5.403329	Y



## Calibration

/ 4-Chlorotoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

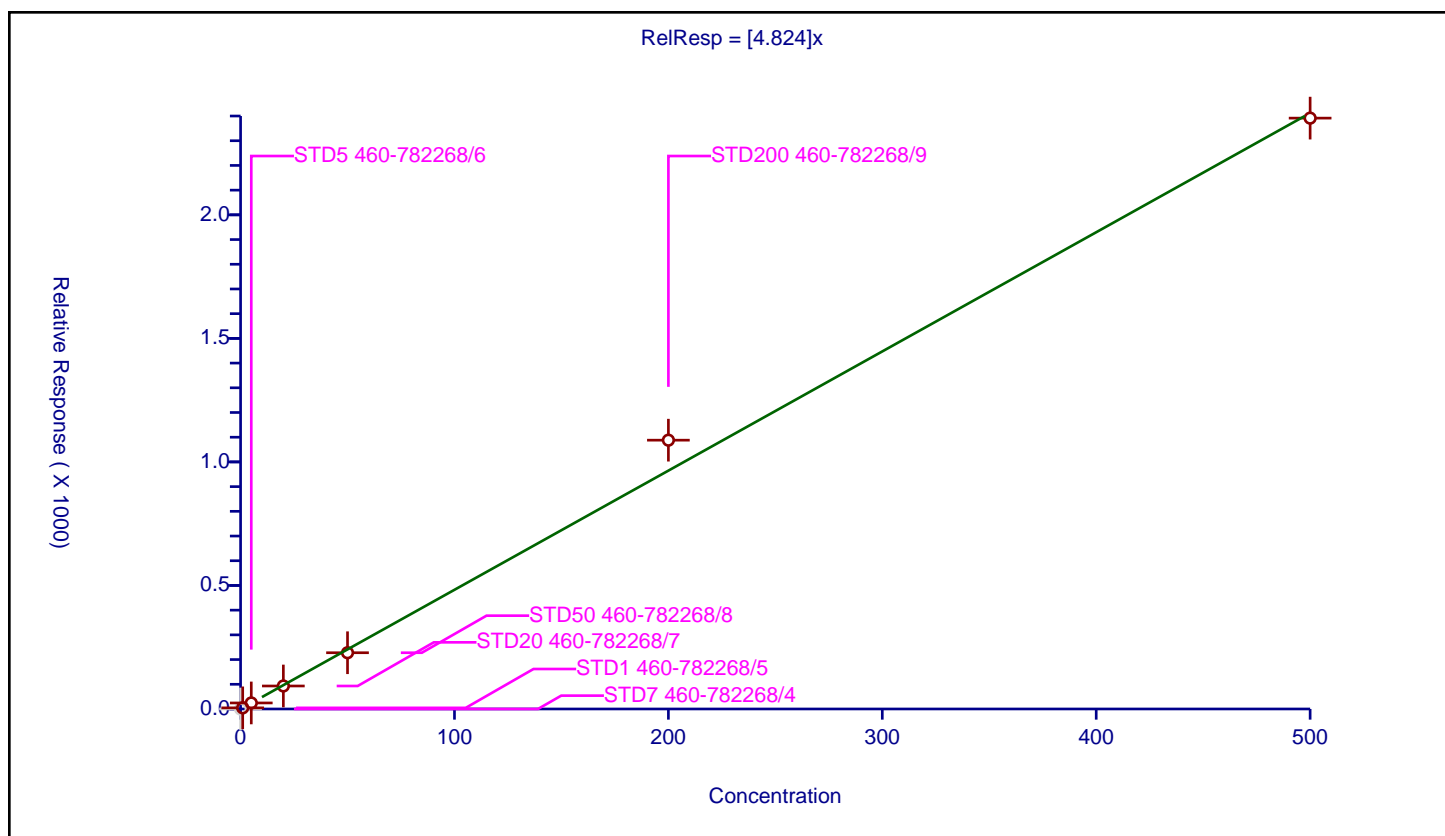
## Curve Coefficients

Intercept: 0  
Slope: 4.824

## Error Coefficients

Standard Error: 4360000  
Relative Standard Error: 6.7  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.622884	50.0	165957.0	4.622884	Y
3	STD5 460-782268/6	5.0	24.441165	50.0	154518.0	4.888233	Y
4	STD20 460-782268/7	20.0	93.104186	50.0	161221.0	4.655209	Y
5	STD50 460-782268/8	50.0	227.692682	50.0	168698.0	4.553854	Y
6	STD200 460-782268/9	200.0	1088.035334	50.0	167489.0	5.440177	Y
7	STD500 460-782268/10	500.0	2391.513443	50.0	188233.0	4.783027	Y



# Calibration

/ Butyl Methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

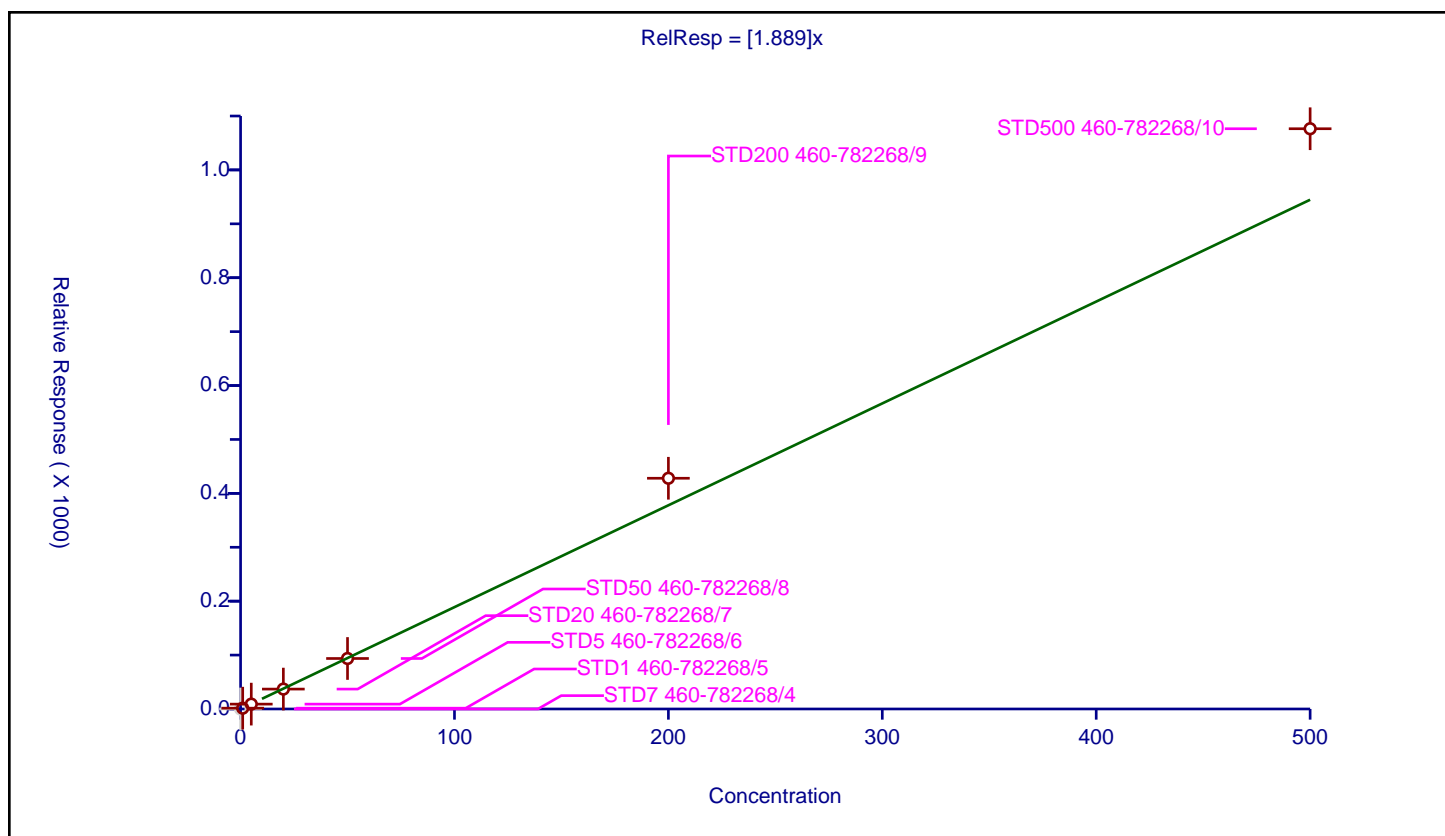
## Curve Coefficients

Intercept: 0  
 Slope: 1.889

## Error Coefficients

Standard Error: 1930000  
 Relative Standard Error: 12.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	1.513344	50.0	165957.0	1.513344	Y
3	STD5 460-782268/6	5.0	9.045548	50.0	154518.0	1.80911	Y
4	STD20 460-782268/7	20.0	36.941838	50.0	161221.0	1.847092	Y
5	STD50 460-782268/8	50.0	93.686054	50.0	168698.0	1.873721	Y
6	STD200 460-782268/9	200.0	428.039752	50.0	167489.0	2.140199	Y
7	STD500 460-782268/10	500.0	1076.409822	50.0	188233.0	2.15282	Y





# Calibration

/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

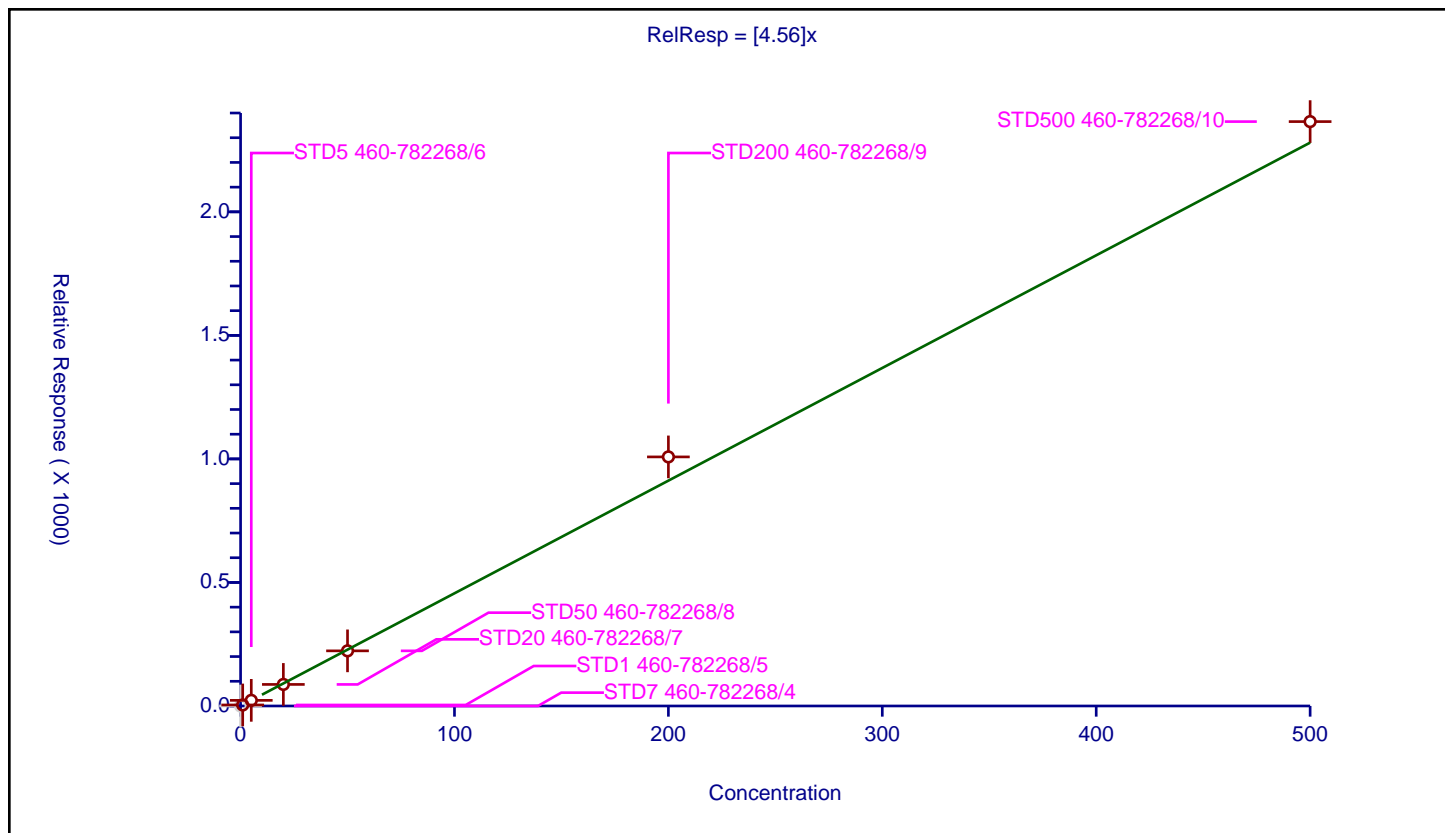
## Curve Coefficients

Intercept: 0  
 Slope: 4.56

## Error Coefficients

Standard Error: 4270000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.188736	50.0	165957.0	4.188736	Y
3	STD5 460-782268/6	5.0	22.870151	50.0	154518.0	4.57403	Y
4	STD20 460-782268/7	20.0	87.291668	50.0	161221.0	4.364583	Y
5	STD50 460-782268/8	50.0	223.124459	50.0	168698.0	4.462489	Y
6	STD200 460-782268/9	200.0	1008.16979	50.0	167489.0	5.040849	Y
7	STD500 460-782268/10	500.0	2365.252373	50.0	188233.0	4.730505	Y



# Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

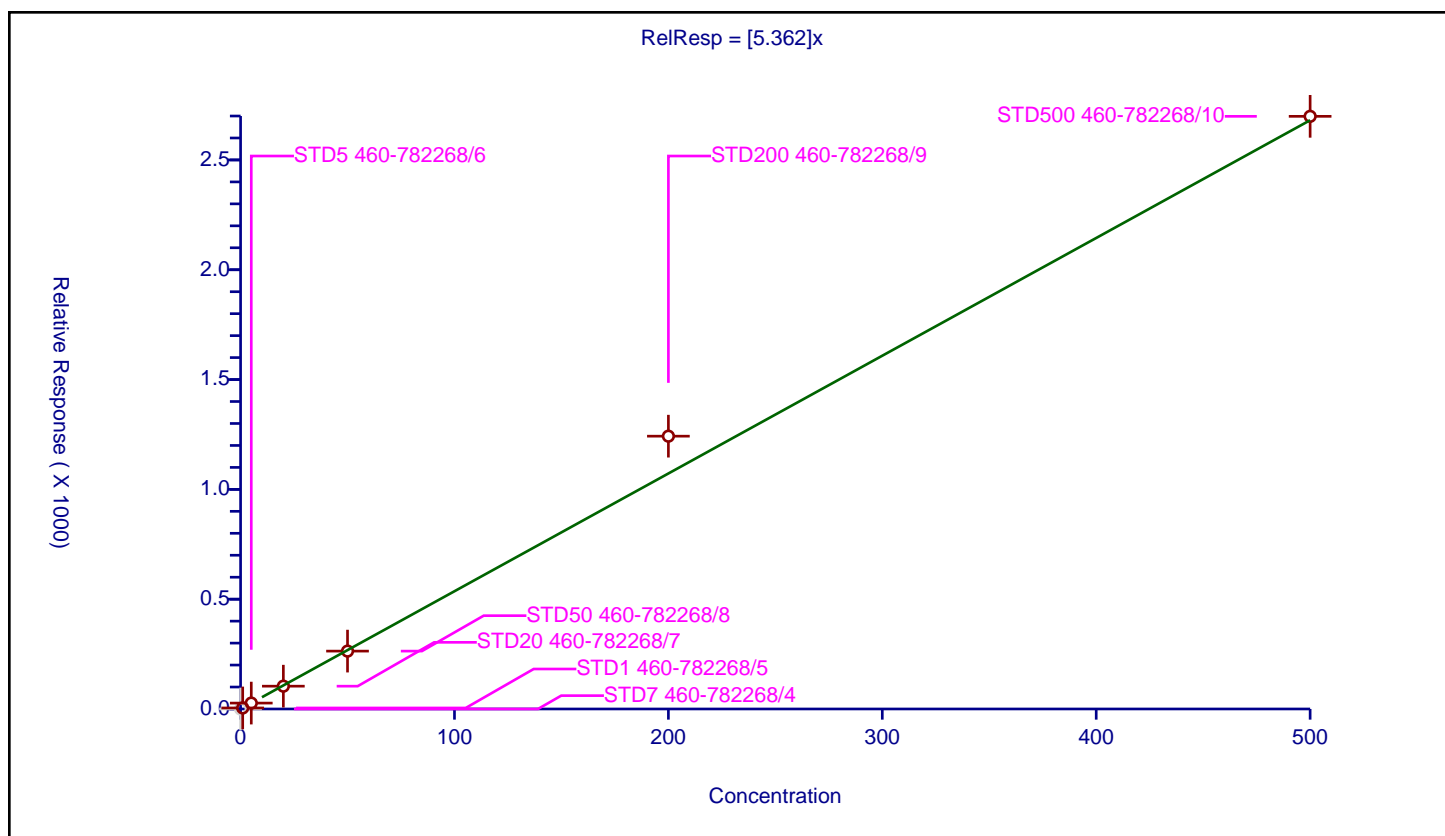
## Curve Coefficients

Intercept: 0  
 Slope: 5.362

## Error Coefficients

Standard Error: 4930000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.716884	50.0	165957.0	4.716884	Y
3	STD5 460-782268/6	5.0	26.902044	50.0	154518.0	5.380409	Y
4	STD20 460-782268/7	20.0	103.88597	50.0	161221.0	5.194299	Y
5	STD50 460-782268/8	50.0	263.491861	50.0	168698.0	5.269837	Y
6	STD200 460-782268/9	200.0	1242.238296	50.0	167489.0	6.211191	Y
7	STD500 460-782268/10	500.0	2698.593233	50.0	188233.0	5.397186	Y



# Calibration

/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

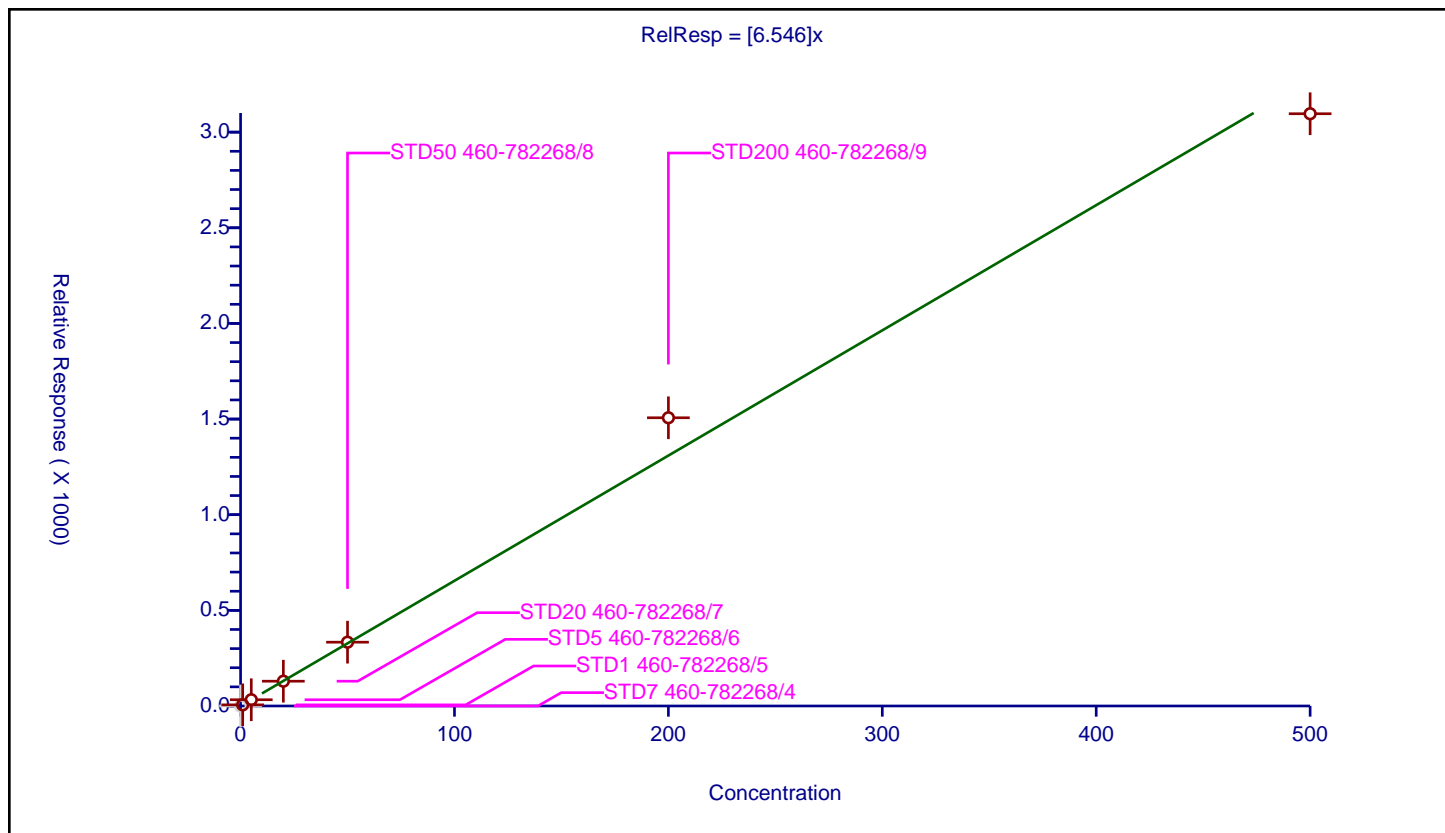
## Curve Coefficients

Intercept: 0  
 Slope: 6.546

## Error Coefficients

Standard Error: 5700000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	5.86899	50.0	165957.0	5.86899	Y
3	STD5 460-782268/6	5.0	32.649271	50.0	154518.0	6.529854	Y
4	STD20 460-782268/7	20.0	129.546709	50.0	161221.0	6.477335	Y
5	STD50 460-782268/8	50.0	333.541595	50.0	168698.0	6.670832	Y
6	STD200 460-782268/9	200.0	1506.821941	50.0	167489.0	7.53411	Y
7	STD500 460-782268/10	500.0	3096.289439	50.0	188233.0	6.192579	Y



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

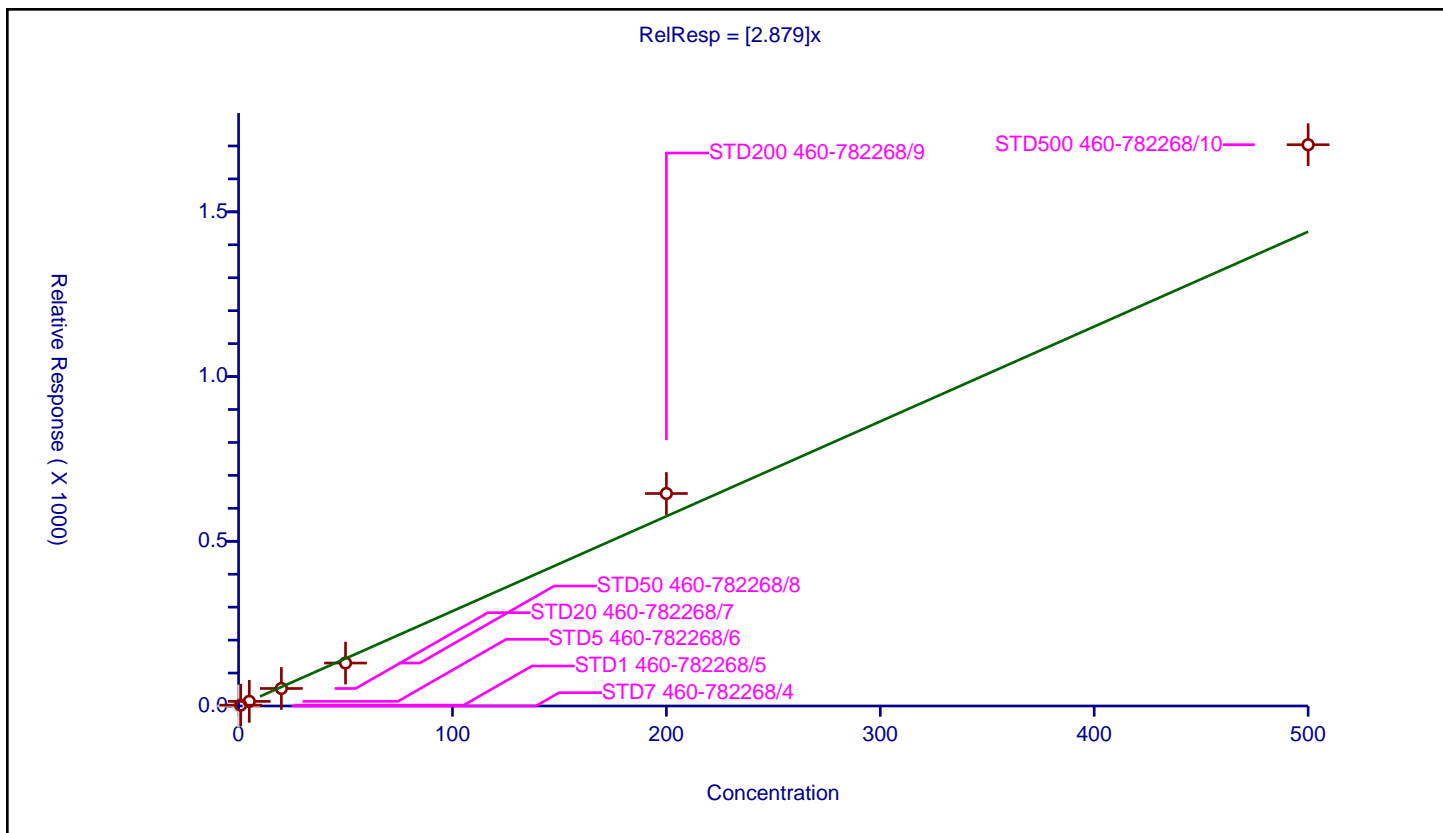
## Curve Coefficients

Intercept: 0  
 Slope: 2.879

## Error Coefficients

Standard Error: 3030000  
 Relative Standard Error: 12.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	2.565122	50.0	165957.0	2.565122	Y
3	STD5 460-782268/6	5.0	14.074412	50.0	154518.0	2.814882	Y
4	STD20 460-782268/7	20.0	53.131106	50.0	161221.0	2.656555	Y
5	STD50 460-782268/8	50.0	130.366987	50.0	168698.0	2.60734	Y
6	STD200 460-782268/9	200.0	645.060571	50.0	167489.0	3.225303	Y
7	STD500 460-782268/10	500.0	1703.775109	50.0	188233.0	3.40755	Y



# Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

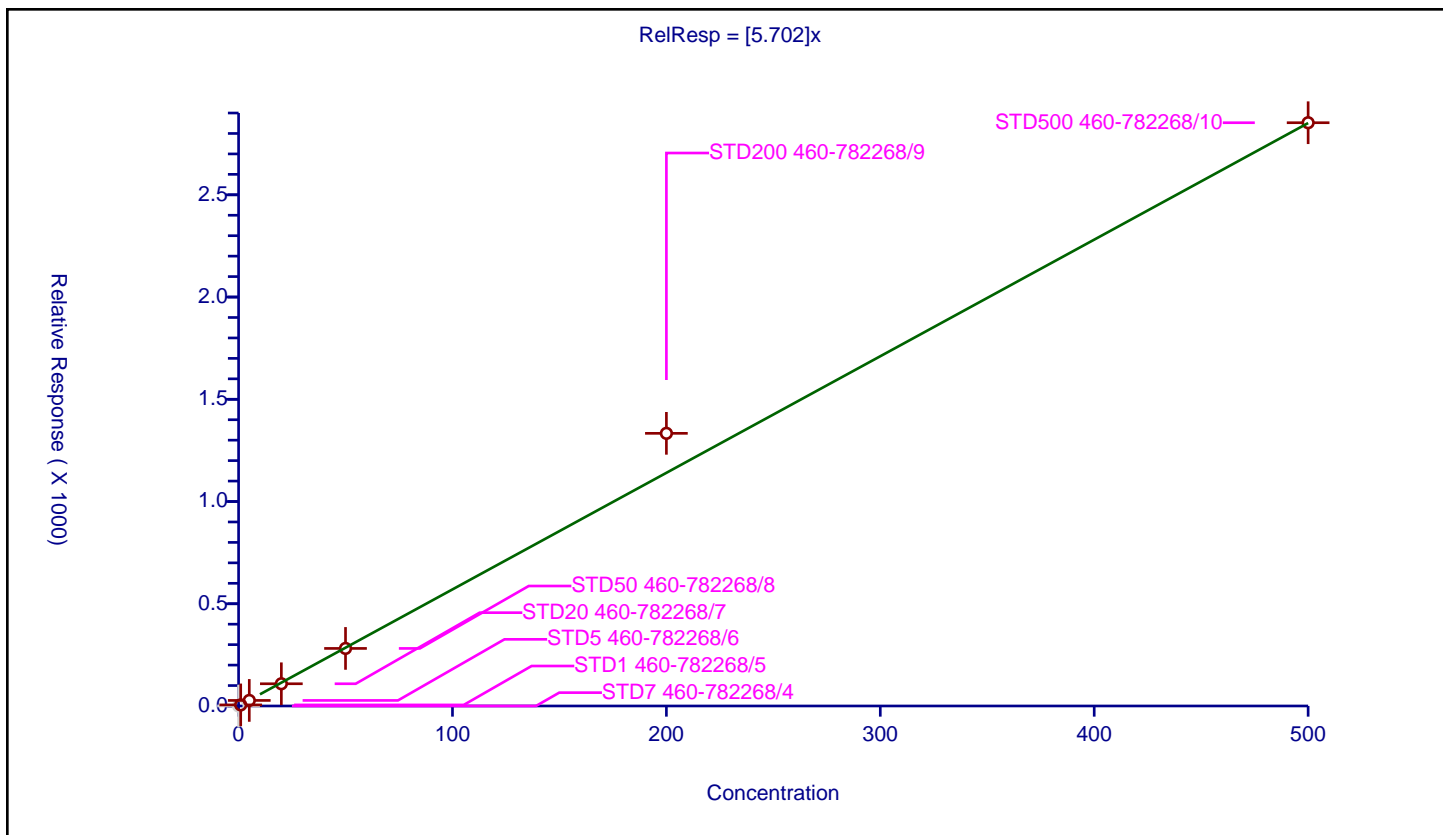
## Curve Coefficients

Intercept: 0  
 Slope: 5.702

## Error Coefficients

Standard Error: 5220000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	5.326681	50.0	165957.0	5.326681	Y
3	STD5 460-782268/6	5.0	27.238898	50.0	154518.0	5.44778	Y
4	STD20 460-782268/7	20.0	108.680321	50.0	161221.0	5.434016	Y
5	STD50 460-782268/8	50.0	281.481108	50.0	168698.0	5.629622	Y
6	STD200 460-782268/9	200.0	1333.420702	50.0	167489.0	6.667104	Y
7	STD500 460-782268/10	500.0	2852.48628	50.0	188233.0	5.704973	Y



## Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

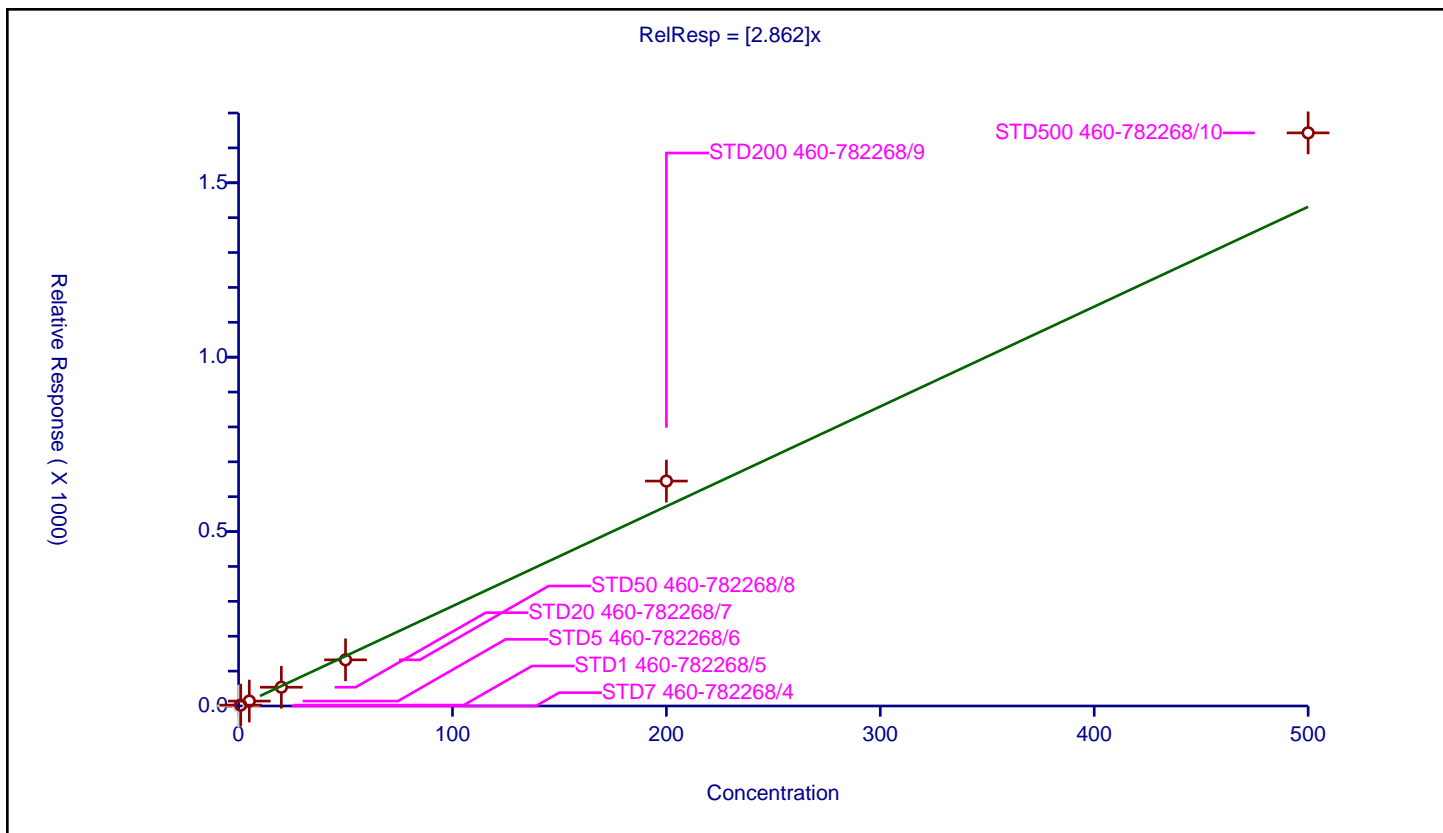
### Curve Coefficients

Intercept: 0  
 Slope: 2.862

### Error Coefficients

Standard Error: 2940000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	2.512398	50.0	165957.0	2.512398	Y
3	STD5 460-782268/6	5.0	14.073765	50.0	154518.0	2.814753	Y
4	STD20 460-782268/7	20.0	53.789519	50.0	161221.0	2.689476	Y
5	STD50 460-782268/8	50.0	132.326406	50.0	168698.0	2.646528	Y
6	STD200 460-782268/9	200.0	644.790703	50.0	167489.0	3.223954	Y
7	STD500 460-782268/10	500.0	1643.053025	50.0	188233.0	3.286106	Y



# Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

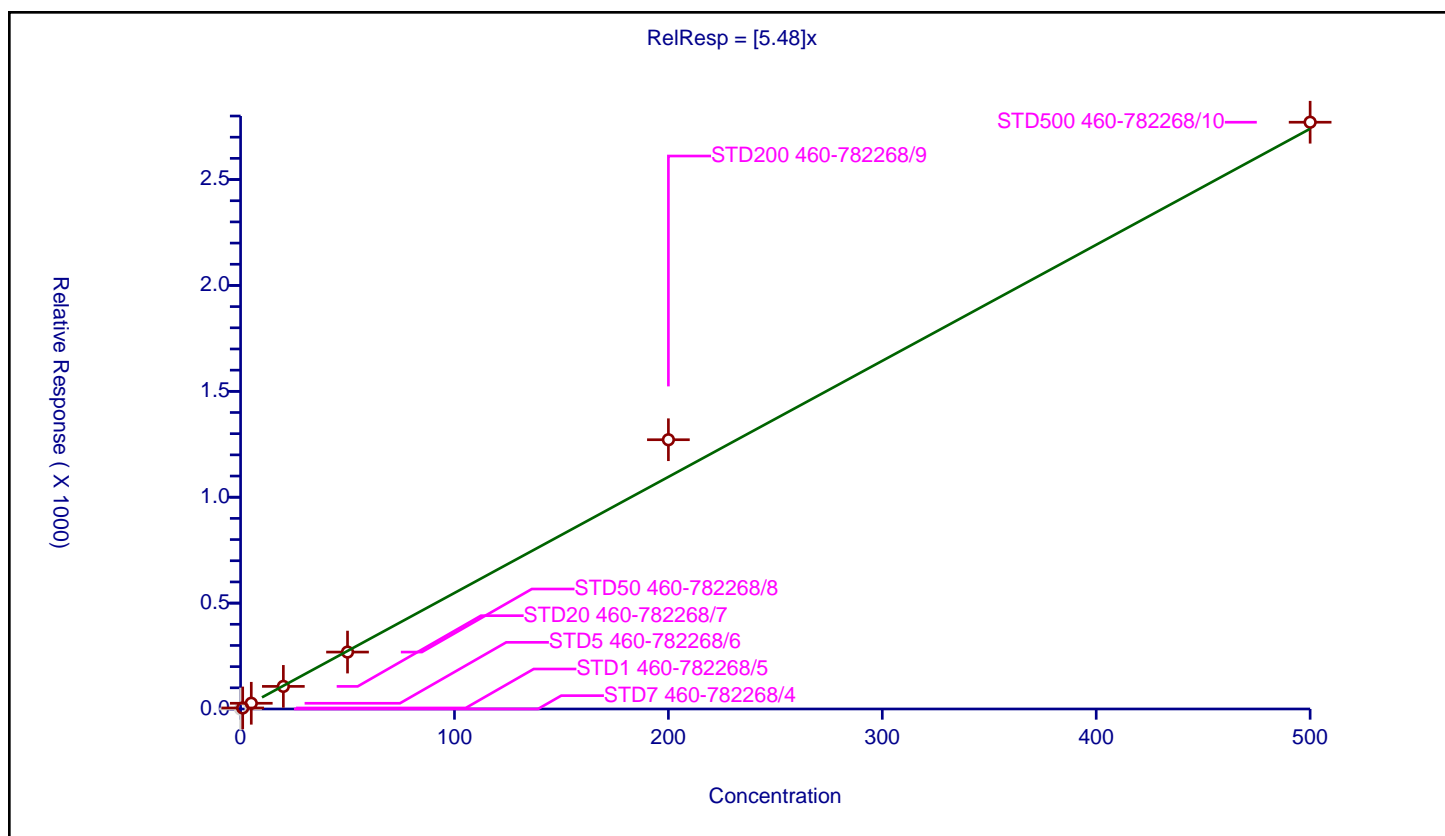
## Curve Coefficients

Intercept: 0  
 Slope: 5.48

## Error Coefficients

Standard Error: 5060000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.87084	50.0	165957.0	4.87084	Y
3	STD5 460-782268/6	5.0	26.996855	50.0	154518.0	5.399371	Y
4	STD20 460-782268/7	20.0	106.702601	50.0	161221.0	5.33513	Y
5	STD50 460-782268/8	50.0	268.719546	50.0	168698.0	5.374391	Y
6	STD200 460-782268/9	200.0	1271.404092	50.0	167489.0	6.35702	Y
7	STD500 460-782268/10	500.0	2770.706252	50.0	188233.0	5.541413	Y



# Calibration

/ Benzyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

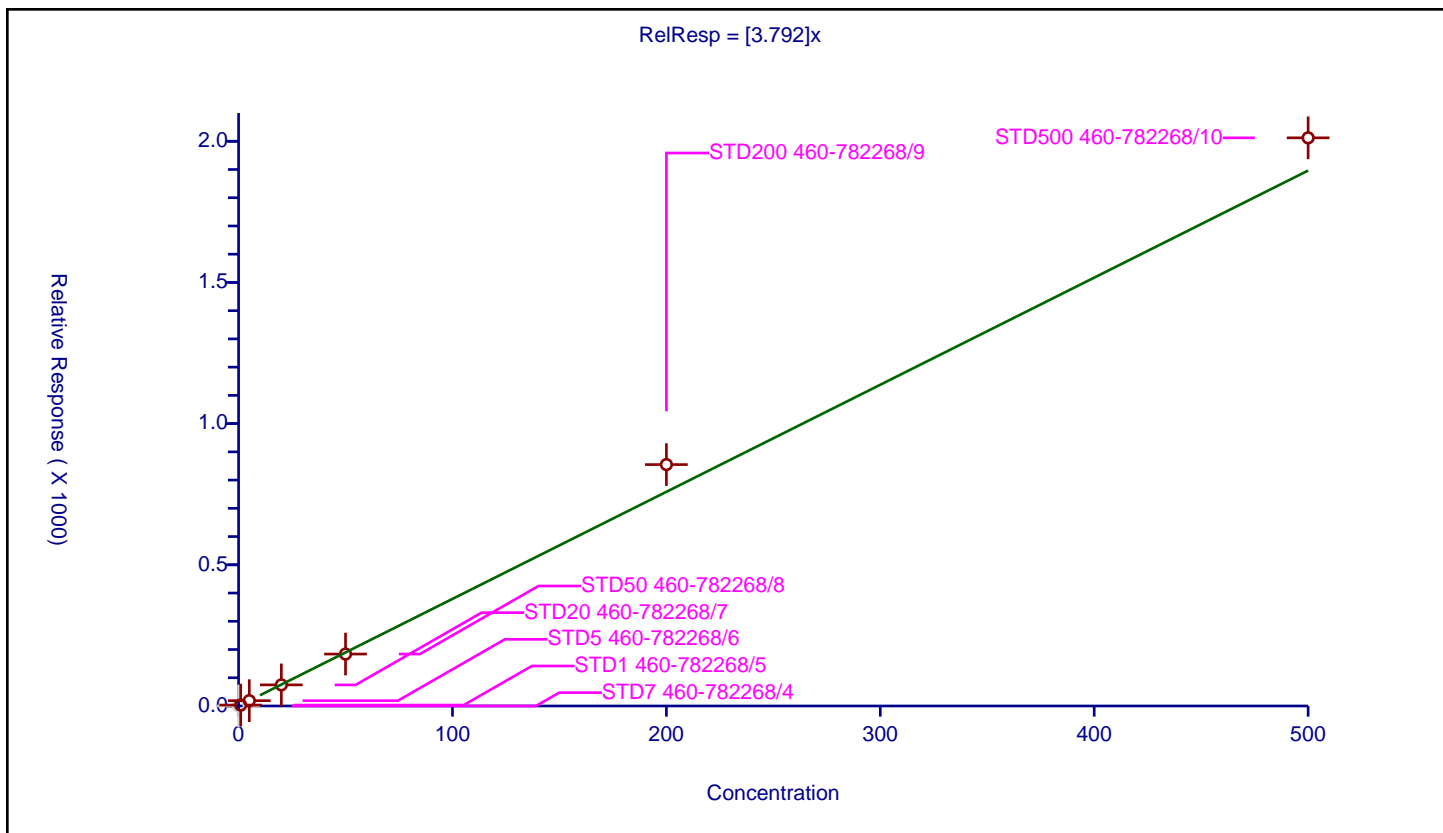
## Curve Coefficients

Intercept: 0  
 Slope: 3.792

## Error Coefficients

Standard Error: 3630000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	3.263195	50.0	165957.0	3.263195	Y
3	STD5 460-782268/6	5.0	18.868352	50.0	154518.0	3.77367	Y
4	STD20 460-782268/7	20.0	74.793606	50.0	161221.0	3.73968	Y
5	STD50 460-782268/8	50.0	183.941126	50.0	168698.0	3.678823	Y
6	STD200 460-782268/9	200.0	854.932563	50.0	167489.0	4.274663	Y
7	STD500 460-782268/10	500.0	2012.057397	50.0	188233.0	4.024115	Y





# Calibration

/ 2,3-Dihydroindene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

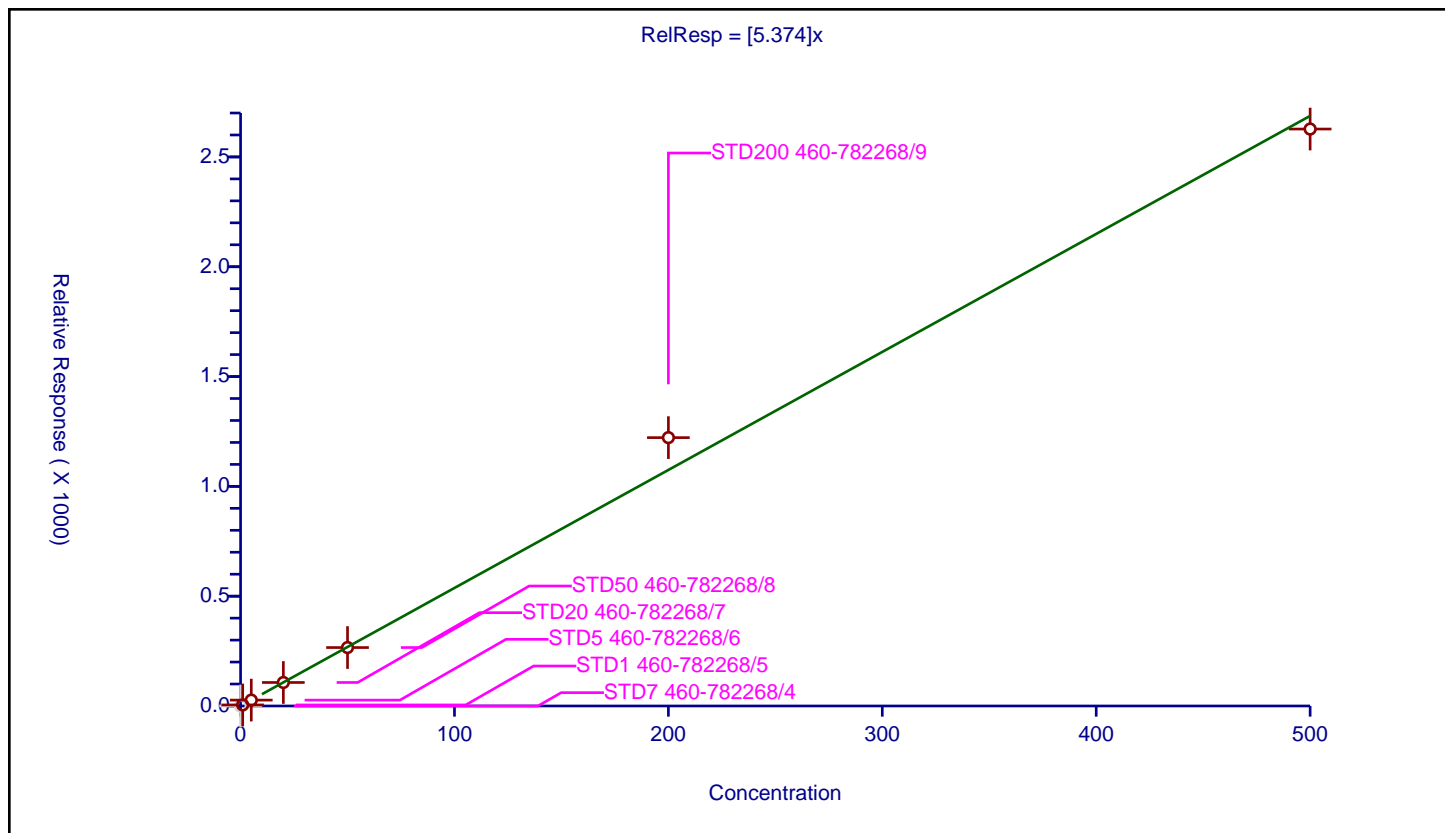
## Curve Coefficients

Intercept: 0  
 Slope: 5.374

## Error Coefficients

Standard Error: 4800000  
 Relative Standard Error: 7.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.845834	50.0	165957.0	4.845834	Y
3	STD5 460-782268/6	5.0	26.811763	50.0	154518.0	5.362353	Y
4	STD20 460-782268/7	20.0	106.983271	50.0	161221.0	5.349164	Y
5	STD50 460-782268/8	50.0	266.057985	50.0	168698.0	5.32116	Y
6	STD200 460-782268/9	200.0	1221.943531	50.0	167489.0	6.109718	Y
7	STD500 460-782268/10	500.0	2627.074689	50.0	188233.0	5.254149	Y



# Calibration

/ p-Diethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

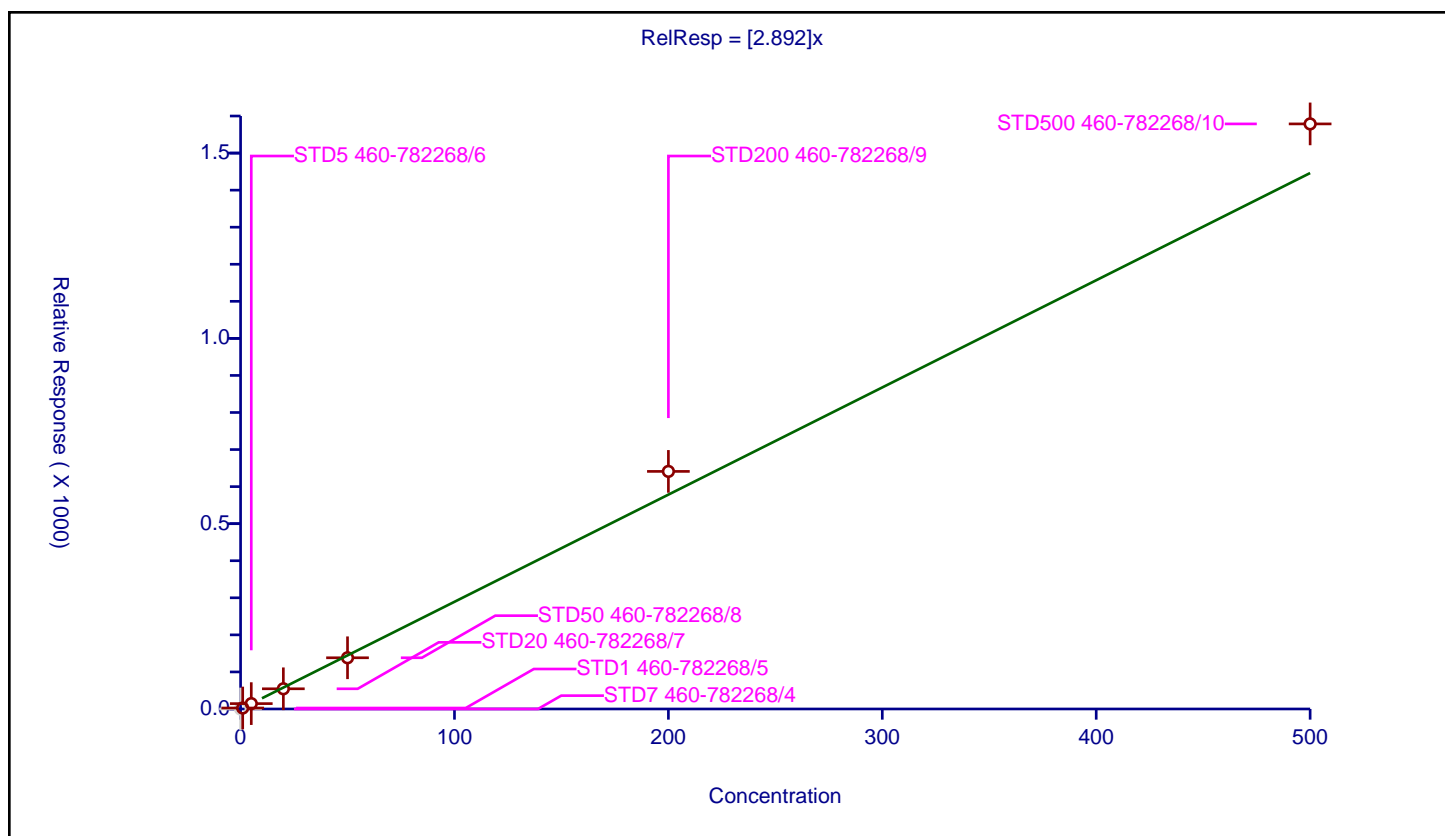
## Curve Coefficients

Intercept: 0  
 Slope: 2.892

## Error Coefficients

Standard Error: 2830000  
 Relative Standard Error: 8.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	2.603385	50.0	165957.0	2.603385	Y
3	STD5 460-782268/6	5.0	14.491839	50.0	154518.0	2.898368	Y
4	STD20 460-782268/7	20.0	54.479875	50.0	161221.0	2.723994	Y
5	STD50 460-782268/8	50.0	138.201994	50.0	168698.0	2.76404	Y
6	STD200 460-782268/9	200.0	641.104789	50.0	167489.0	3.205524	Y
7	STD500 460-782268/10	500.0	1578.67935	50.0	188233.0	3.157359	Y



# Calibration

/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

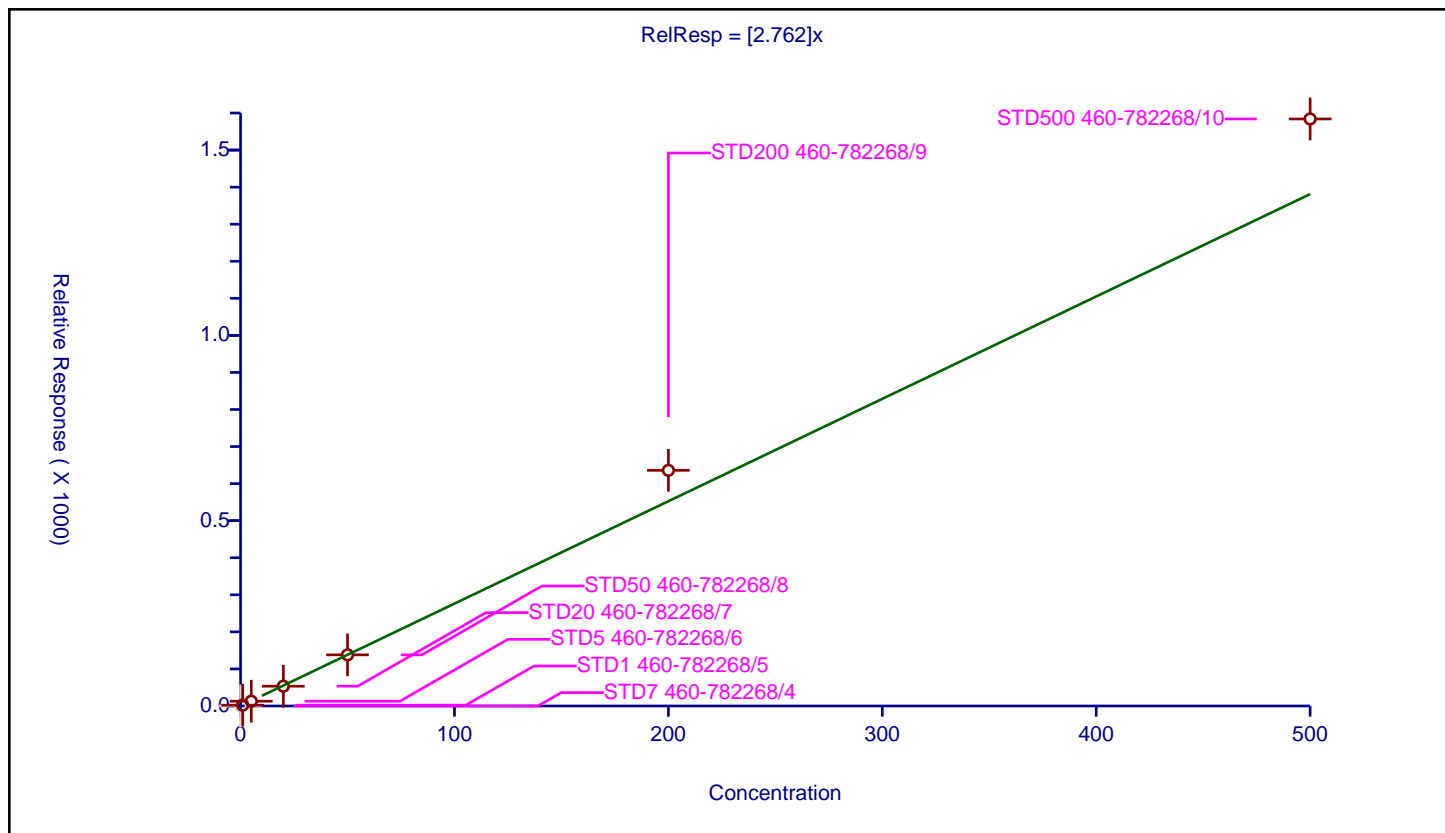
## Curve Coefficients

Intercept: 0  
 Slope: 2.762

## Error Coefficients

Standard Error: 2840000  
 Relative Standard Error: 13.3  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	2.215634	50.0	165957.0	2.215634	Y
3	STD5 460-782268/6	5.0	12.914353	50.0	154518.0	2.582871	Y
4	STD20 460-782268/7	20.0	53.37363	50.0	161221.0	2.668681	Y
5	STD50 460-782268/8	50.0	137.984742	50.0	168698.0	2.759695	Y
6	STD200 460-782268/9	200.0	635.847429	50.0	167489.0	3.179237	Y
7	STD500 460-782268/10	500.0	1583.981024	50.0	188233.0	3.167962	Y



# Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

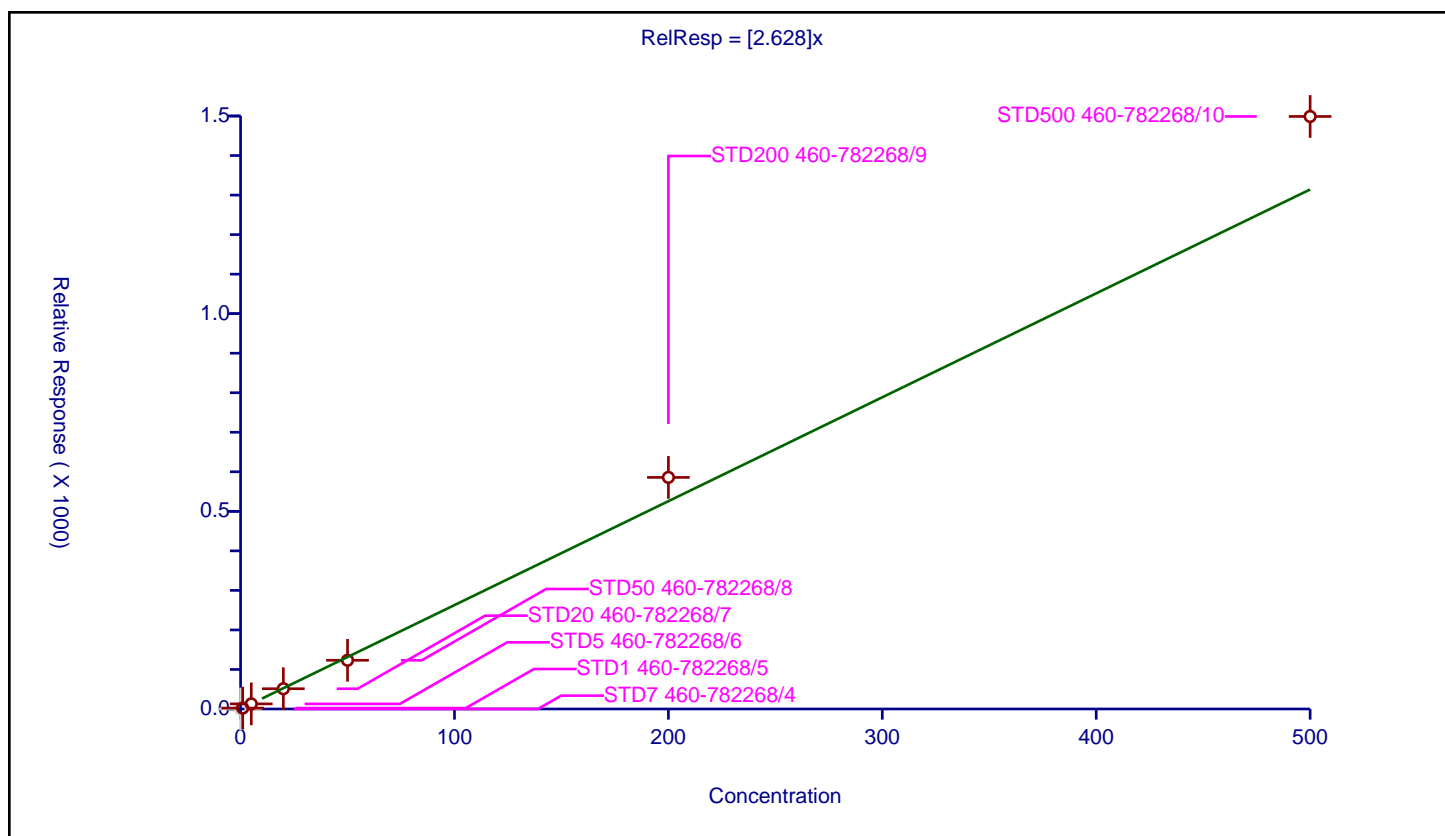
## Curve Coefficients

Intercept: 0  
 Slope: 2.628

## Error Coefficients

Standard Error: 2680000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	2.230698	50.0	165957.0	2.230698	Y
3	STD5 460-782268/6	5.0	12.938622	50.0	154518.0	2.587724	Y
4	STD20 460-782268/7	20.0	51.206419	50.0	161221.0	2.560321	Y
5	STD50 460-782268/8	50.0	123.221081	50.0	168698.0	2.464422	Y
6	STD200 460-782268/9	200.0	585.840264	50.0	167489.0	2.929201	Y
7	STD500 460-782268/10	500.0	1498.874002	50.0	188233.0	2.997748	Y



# Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

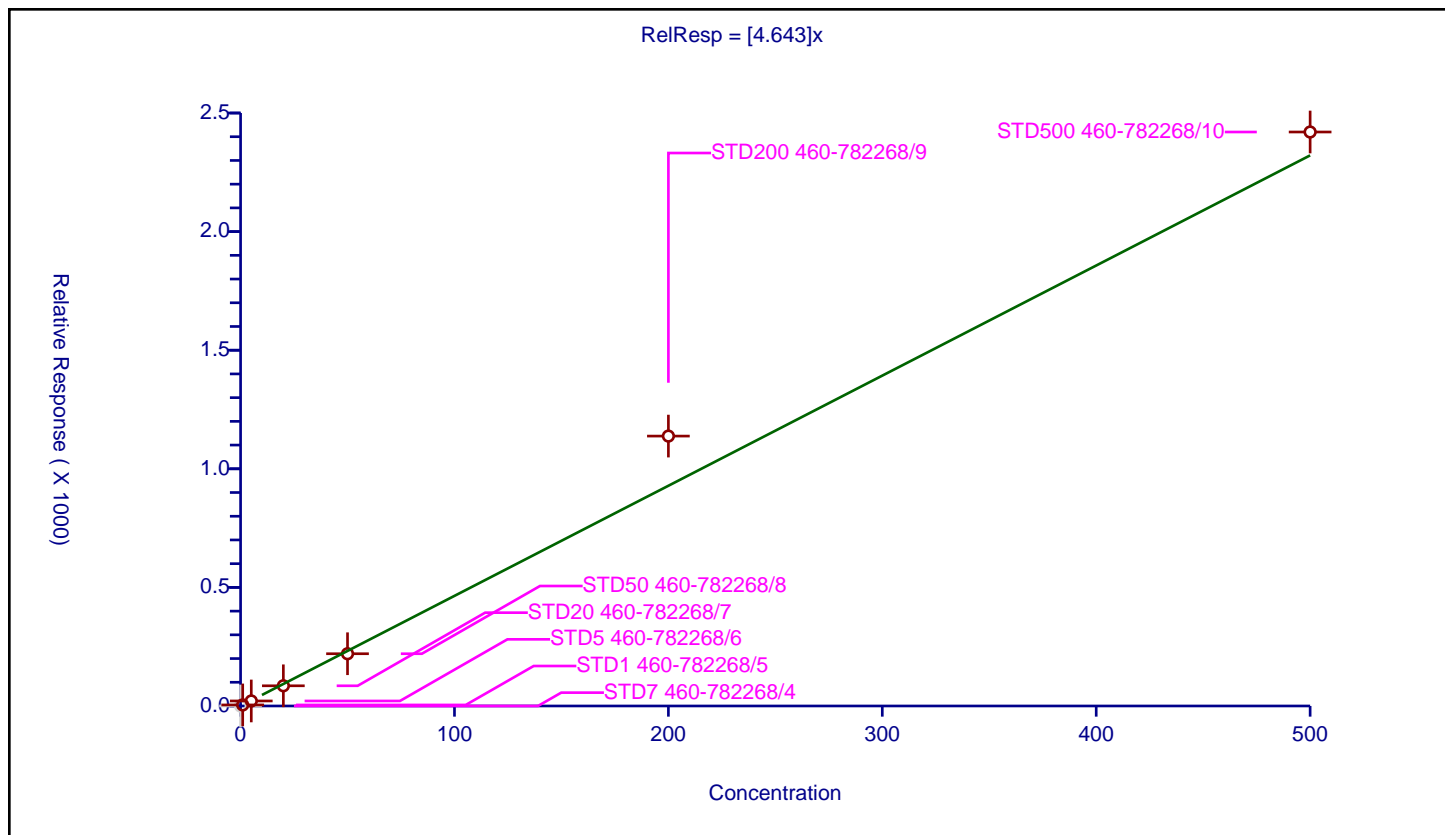
## Curve Coefficients

Intercept: 0  
 Slope: 4.643

## Error Coefficients

Standard Error: 4430000  
 Relative Standard Error: 12.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.421929	50.0	165957.0	4.421929	Y
3	STD5 460-782268/6	5.0	21.199148	50.0	154518.0	4.23983	Y
4	STD20 460-782268/7	20.0	85.192066	50.0	161221.0	4.259603	Y
5	STD50 460-782268/8	50.0	220.258687	50.0	168698.0	4.405174	Y
6	STD200 460-782268/9	200.0	1137.947865	50.0	167489.0	5.689739	Y
7	STD500 460-782268/10	500.0	2419.936993	50.0	188233.0	4.839874	Y



# Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

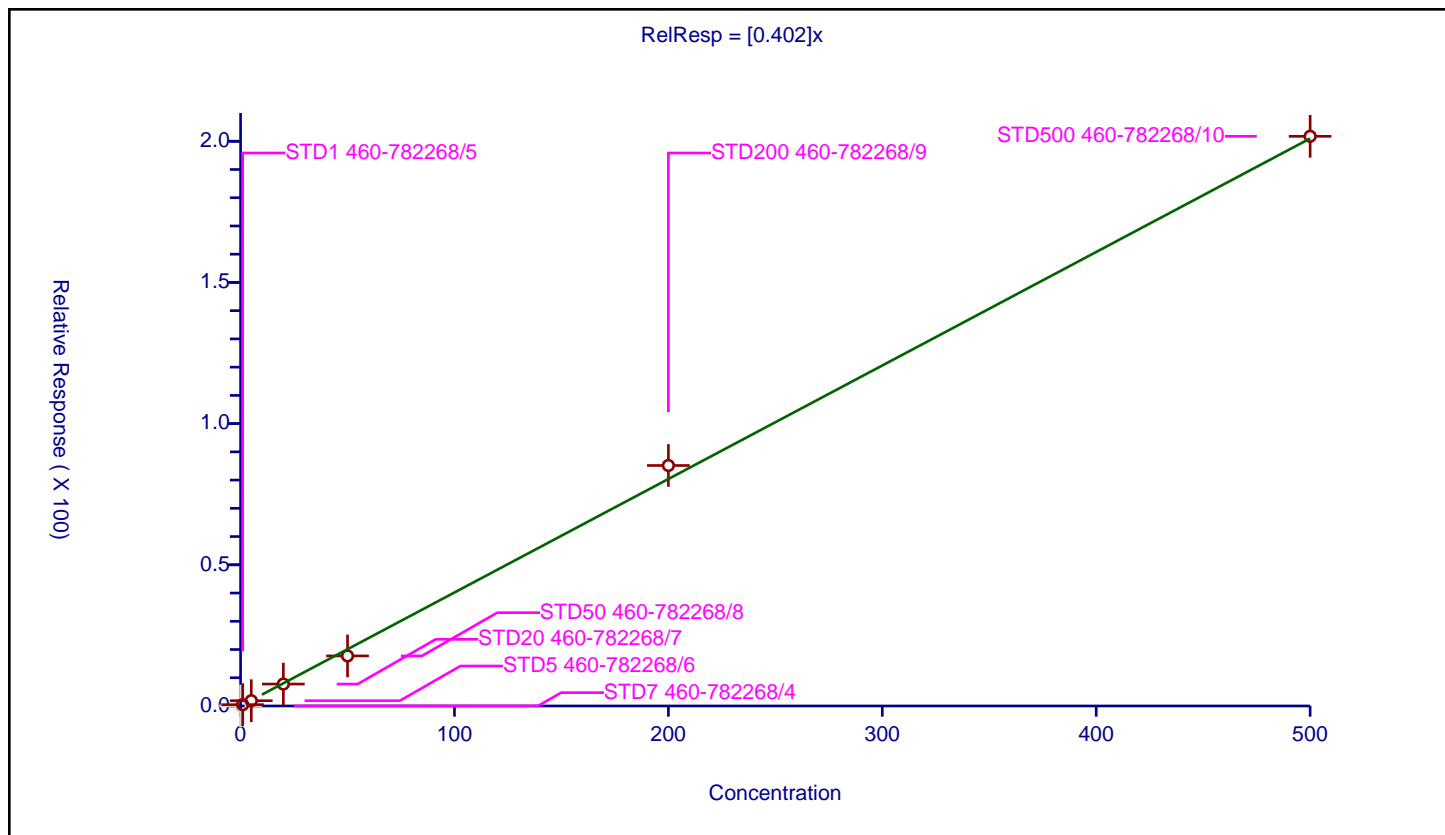
## Curve Coefficients

Intercept: 0  
 Slope: 0.402

## Error Coefficients

Standard Error: 364000  
 Relative Standard Error: 9.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	0.463976	50.0	165957.0	0.463976	Y
3	STD5 460-782268/6	5.0	1.87648	50.0	154518.0	0.375296	Y
4	STD20 460-782268/7	20.0	7.77039	50.0	161221.0	0.388519	Y
5	STD50 460-782268/8	50.0	17.730204	50.0	168698.0	0.354604	Y
6	STD200 460-782268/9	200.0	85.168578	50.0	167489.0	0.425843	Y
7	STD500 460-782268/10	500.0	201.743052	50.0	188233.0	0.403486	Y



# Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

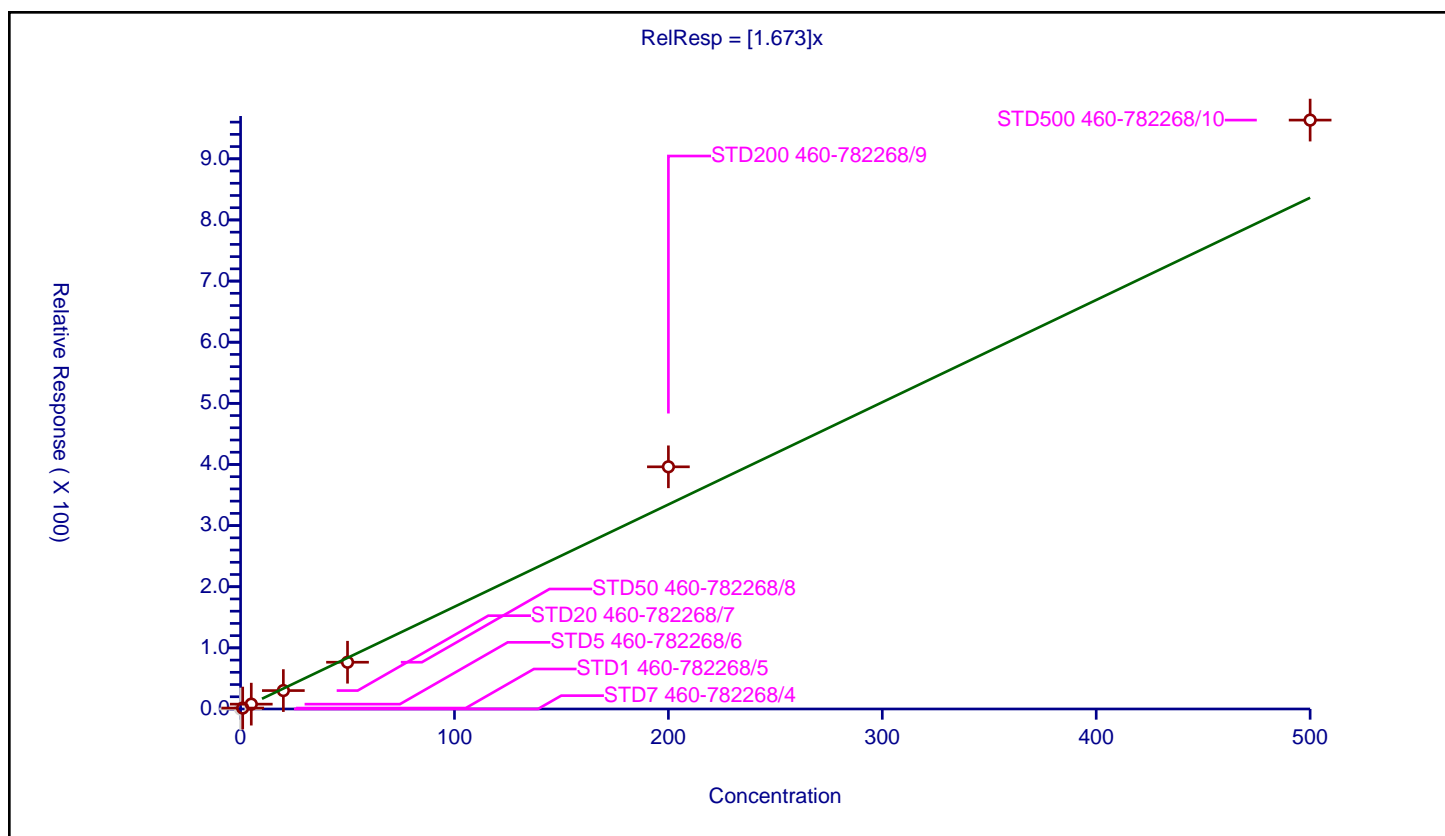
## Curve Coefficients

Intercept: 0  
 Slope: 1.673

## Error Coefficients

Standard Error: 1730000  
 Relative Standard Error: 13.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	1.505812	50.0	165957.0	1.505812	Y
3	STD5 460-782268/6	5.0	7.938234	50.0	154518.0	1.587647	Y
4	STD20 460-782268/7	20.0	30.10681	50.0	161221.0	1.50534	Y
5	STD50 460-782268/8	50.0	76.473936	50.0	168698.0	1.529479	Y
6	STD200 460-782268/9	200.0	396.169301	50.0	167489.0	1.980847	Y
7	STD500 460-782268/10	500.0	963.331084	50.0	188233.0	1.926662	Y



# Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

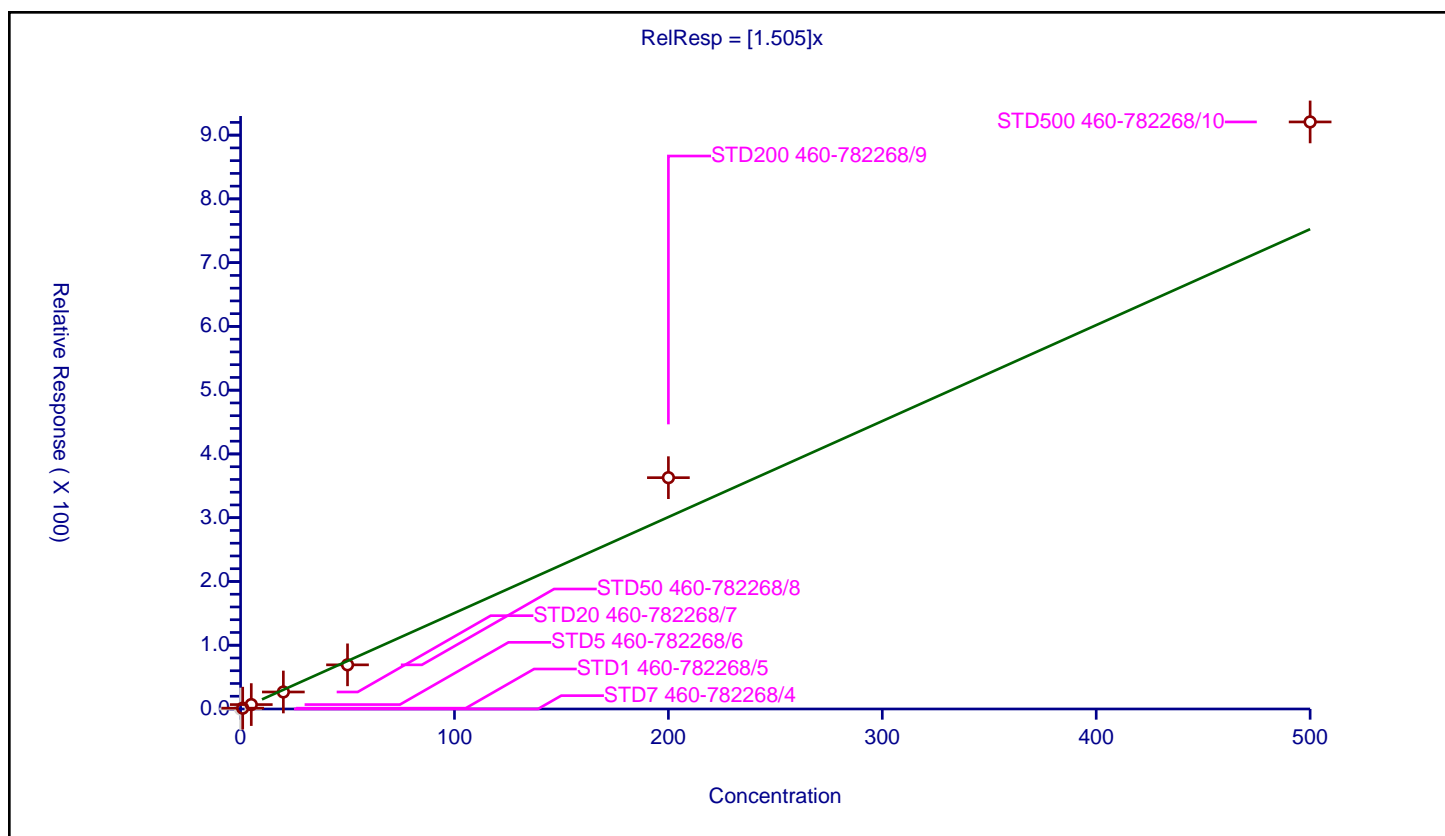
## Curve Coefficients

Intercept: 0  
 Slope: 1.505

## Error Coefficients

Standard Error: 1650000  
 Relative Standard Error: 16.8  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	1.271715	50.0	165957.0	1.271715	Y
3	STD5 460-782268/6	5.0	6.923465	50.0	154518.0	1.384693	Y
4	STD20 460-782268/7	20.0	26.682628	50.0	161221.0	1.334131	Y
5	STD50 460-782268/8	50.0	69.236743	50.0	168698.0	1.384735	Y
6	STD200 460-782268/9	200.0	362.789795	50.0	167489.0	1.813949	Y
7	STD500 460-782268/10	500.0	920.725643	50.0	188233.0	1.841451	Y





# Calibration

/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

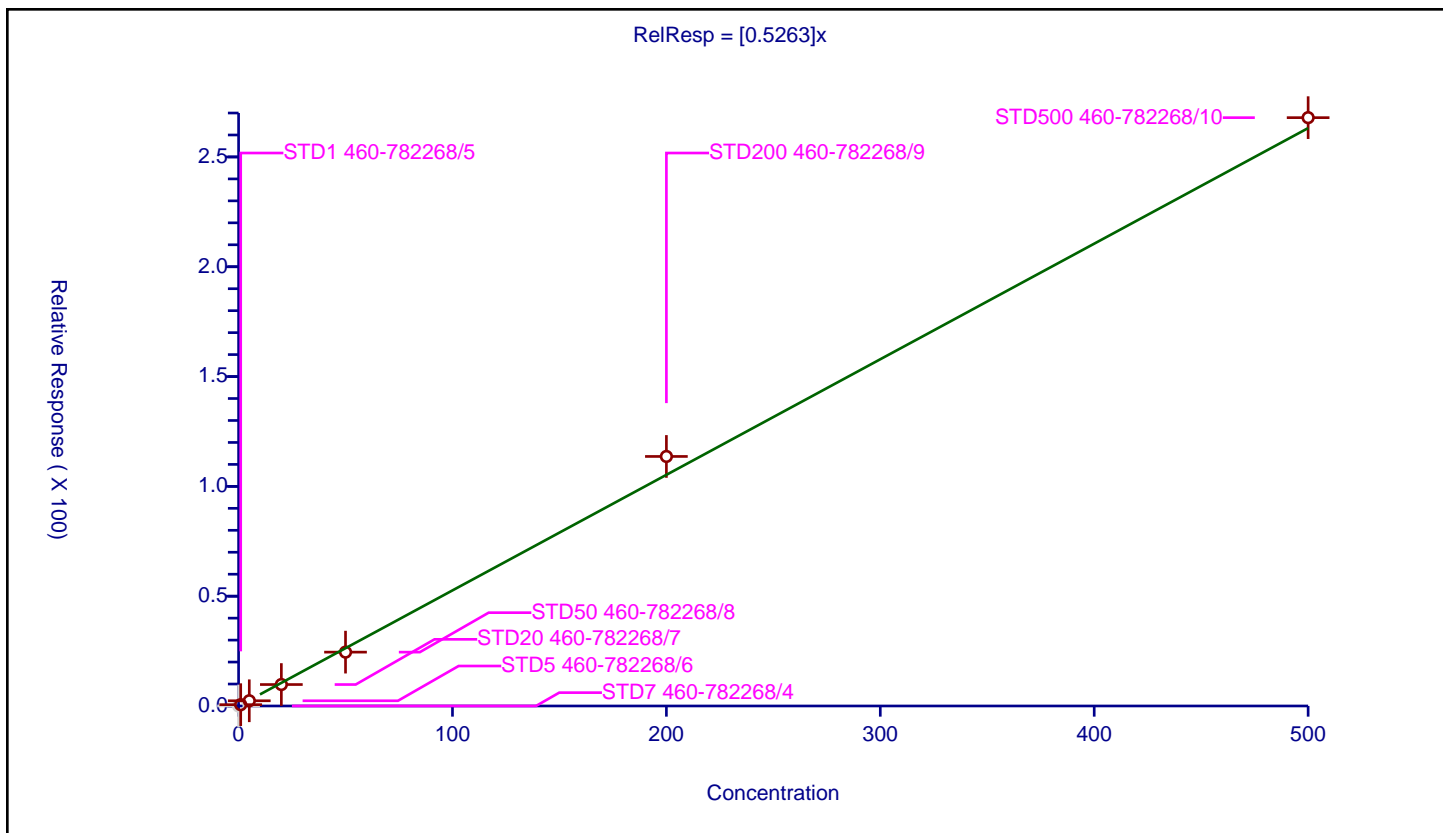
## Curve Coefficients

Intercept: 0  
 Slope: 0.5263

## Error Coefficients

Standard Error: 484000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	0.599553	50.0	165957.0	0.599553	Y
3	STD5 460-782268/6	5.0	2.375451	50.0	154518.0	0.47509	Y
4	STD20 460-782268/7	20.0	9.769819	50.0	161221.0	0.488491	Y
5	STD50 460-782268/8	50.0	24.524001	50.0	168698.0	0.49048	Y
6	STD200 460-782268/9	200.0	113.622387	50.0	167489.0	0.568112	Y
7	STD500 460-782268/10	500.0	267.887406	50.0	188233.0	0.535775	Y



# Calibration

/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

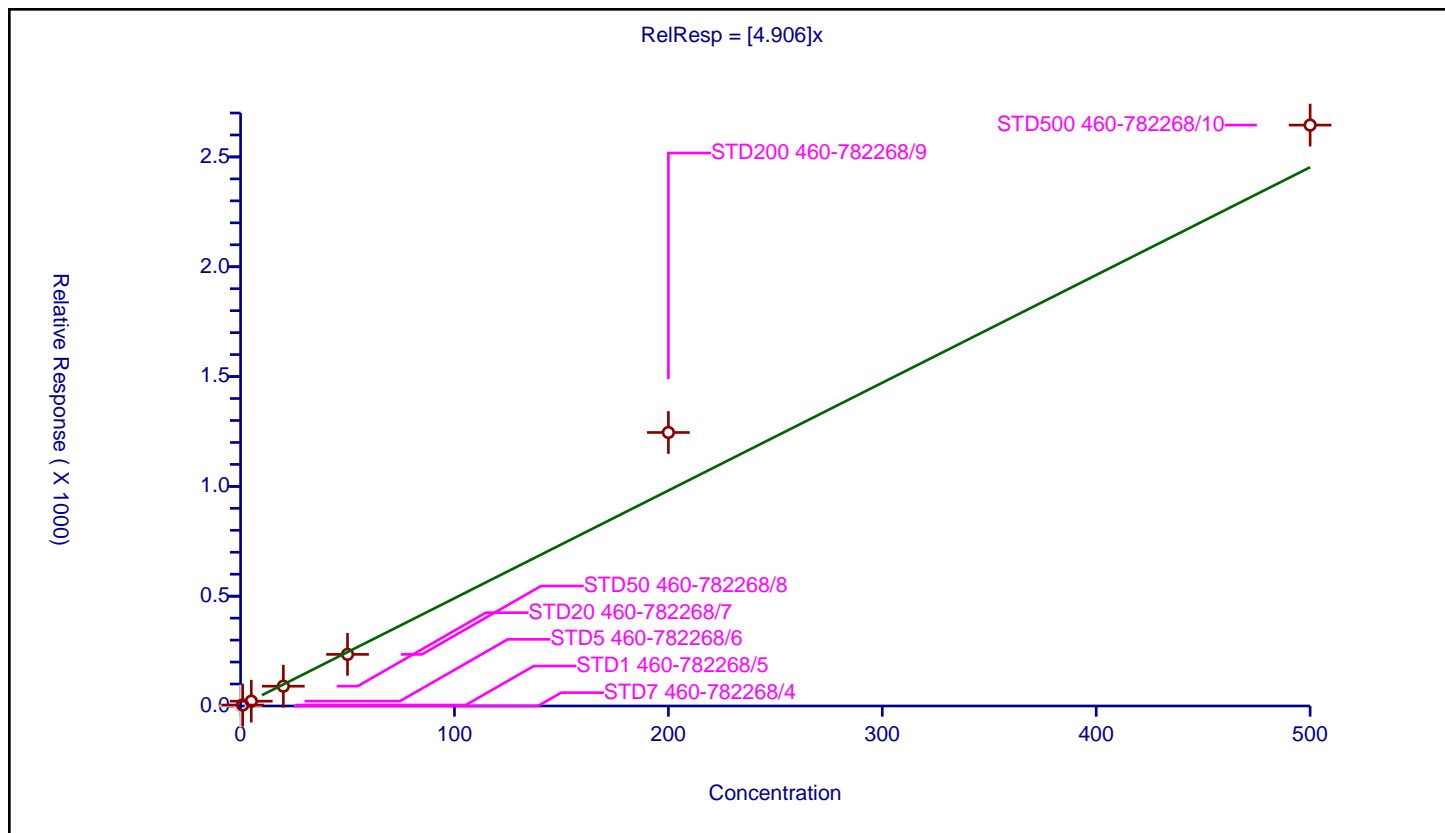
## Curve Coefficients

Intercept: 0  
 Slope: 4.906

## Error Coefficients

Standard Error: 4840000  
 Relative Standard Error: 15.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	4.325819	50.0	165957.0	4.325819	Y
3	STD5 460-782268/6	5.0	21.910716	50.0	154518.0	4.382143	Y
4	STD20 460-782268/7	20.0	90.210022	50.0	161221.0	4.510501	Y
5	STD50 460-782268/8	50.0	235.026497	50.0	168698.0	4.70053	Y
6	STD200 460-782268/9	200.0	1245.376114	50.0	167489.0	6.226881	Y
7	STD500 460-782268/10	500.0	2644.987861	50.0	188233.0	5.289976	Y



# Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

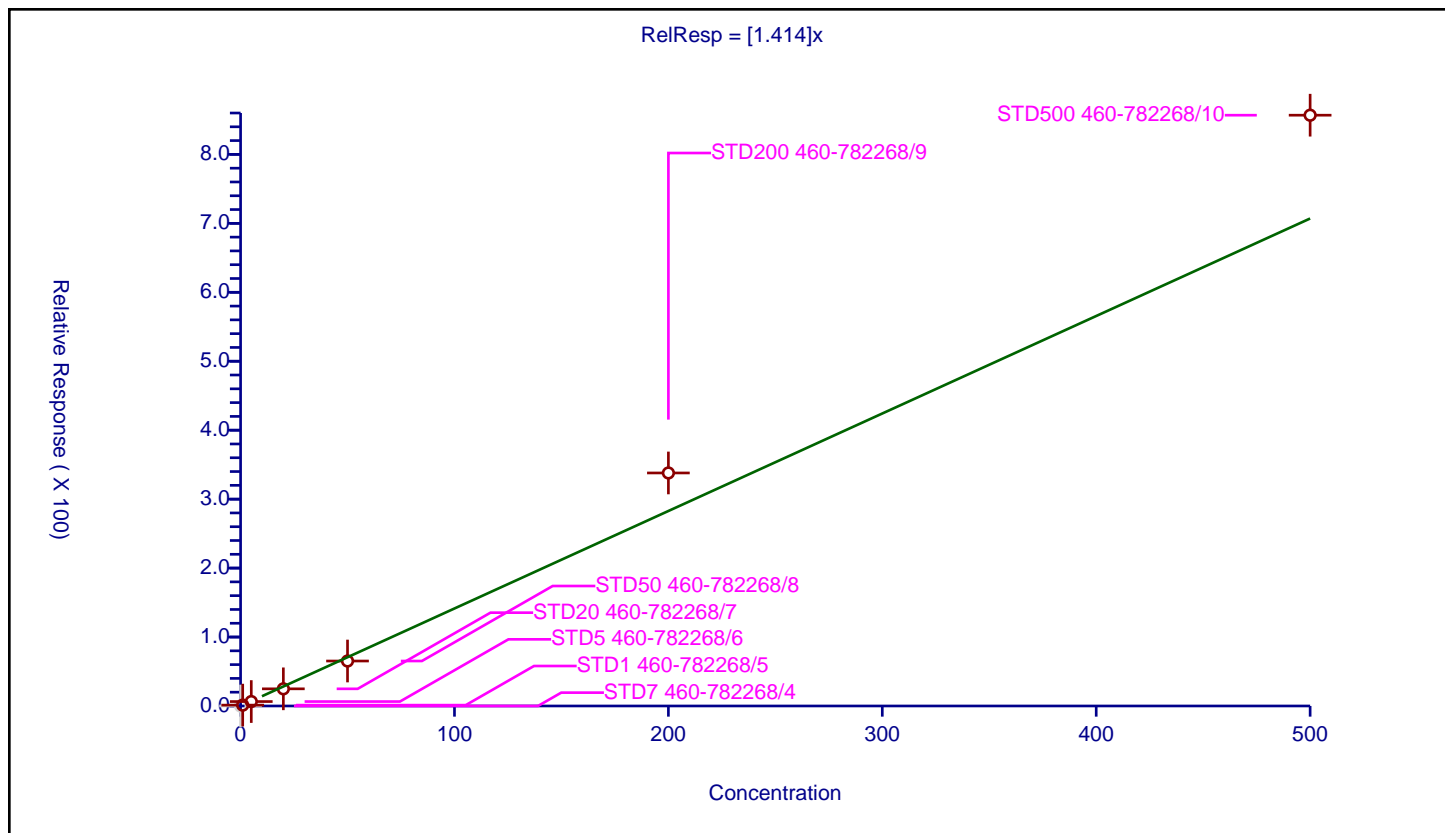
## Curve Coefficients

Intercept: 0  
 Slope: 1.414

## Error Coefficients

Standard Error: 1530000  
 Relative Standard Error: 15.9  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-782268/4	0.0	0.0	50.0	158413.0	NaN	N
2	STD1 460-782268/5	1.0	1.242491	50.0	165957.0	1.242491	Y
3	STD5 460-782268/6	5.0	6.44844	50.0	154518.0	1.289688	Y
4	STD20 460-782268/7	20.0	24.883545	50.0	161221.0	1.244177	Y
5	STD50 460-782268/8	50.0	65.211799	50.0	168698.0	1.304236	Y
6	STD200 460-782268/9	200.0	337.951149	50.0	167489.0	1.689756	Y
7	STD500 460-782268/10	500.0	856.811771	50.0	188233.0	1.713624	Y



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
SDG No.: \_\_\_\_\_  
Lab Sample ID: ICV 460-782268/14 Calibration Date: 06/04/2021 16:35  
Instrument ID: CVOAMS7 Calib Start Date: 04/15/2021 15:49  
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 04/15/2021 18:29  
Lab File ID: V02690.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
Monochloropentafluoroethane	QuaF				3.40	20.0	-100.0*	30.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02690.D

Lims ID: ICV

Client ID:

Sample Type: ICV

Inject. Date: 04-Jun-2021 16:35:30

ALS Bottle#: 63

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Sample Info: ICV

Misc. Info.: 460-0129741-014

Operator ID:

Instrument ID: CVOAMS7

Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m

Limit Group: VOA - 8260D Water and Solid

Last Update: 04-Jun-2021 20:02:23

Calib Date: 04-Jun-2021 15:04:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D

Column 1 : Rtx-624 ( 0.25 mm)

Det: MS Quad

Process Host: CTX1647

First Level Reviewer: sgroa

Date: 04-Jun-2021 17:18:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.288	1.287	0.001	88	35451	20.0	16.0	
4 1,1-Difluoroethane	65	1.310	1.299	0.011	50	47166	20.0	18.1	
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	99	127618	20.0	17.2	
2 Chlorodifluoromethane	67	1.345	1.333	0.012	98	14441	20.0	16.4	
6 Chloromethane	50	1.470	1.459	0.011	99	122582	20.0	19.1	
7 Vinyl chloride	62	1.516	1.516	0.000	98	129570	20.0	18.2	
8 Butadiene	54	1.539	1.539	0.000	97	113944	20.0	16.2	
9 Bromomethane	94	1.756	1.745	0.011	98	86006	20.0	19.3	
10 Chloroethane	64	1.825	1.813	0.012	98	75638	20.0	19.6	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	98	161905	20.0	18.3	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	98	135169	20.0	17.8	
13 Pentane	72	1.996	1.996	0.000	96	37412	40.0	35.4	
17 Ethanol	46	2.110	2.110	0.000	97	18599	800.0	624.0	
14 Ethyl ether	74	2.145	2.145	0.000	95	62760	20.0	19.3	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	96	86095	20.0	17.3	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	94	77311	20.0	18.7	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.225	0.000	98	129700	20.0	18.1	
18 1,1,2,2-Tetrafluoroethane	101	2.293	2.282	0.011	96	81839	20.0	16.8	
52 Acrolein	56	2.293	2.293	0.000	93	29377	40.1	21.2	
20 1,1-Dichloroethene	96	2.328	2.327	0.001	97	86562	20.0	18.0	
23 Acetone	43	2.396	2.385	0.011	89	137432	100.0	87.8	
21 Iodomethane	142	2.465	2.453	0.012	97	72998	20.0	15.1	
24 Isopropyl alcohol	45	2.453	2.453	0.000	71	52761	200.0	162.8	a
22 Carbon disulfide	76	2.488	2.488	0.000	99	279687	20.0	18.7	
30 Methyl acetate	43	2.590	2.590	0.000	98	175845	40.0	38.9	
26 3-Chloro-1-propene	76	2.590	2.590	0.000	90	62767	20.0	19.1	
25 Cyclopentene	67	2.613	2.602	0.011	97	238878	20.0	17.2	
27 Acetonitrile	40	2.648	2.636	0.012	100	82094	200.0	159.6	
* 28 TBA-d9 (IS)	66	2.671	2.670	0.000	99	43081	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	91	92119	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.728	2.728	0.000	99	95749	200.0	162.3	
32 Methyl tert-butyl ether	73	2.831	2.819	0.012	97	283296	20.0	18.6	
33 trans-1,2-Dichloroethene	96	2.865	2.853	0.012	93	95265	20.0	17.2	
35 Acrylonitrile	53	2.922	2.910	0.012	94	463643	200.0	195.3	
36 Hexane	57	2.991	2.990	0.001	91	135971	20.0	17.4	
37 Isopropyl ether	45	3.162	3.162	0.000	98	285713	20.0	18.2	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	63	166614	20.0	17.6	
40 Vinyl acetate	86	3.219	3.208	0.011	100	42854	40.0	30.6	
39 2-Chloro-1,3-butadiene	88	3.253	3.253	0.000	87	90362	20.0	18.0	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	90	287801	20.0	18.9	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	99	251652	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	95	31607	20.0	16.6	
47 Ethyl acetate	70	3.688	3.688	0.000	94	26221	40.0	32.5	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	94	104981	20.0	17.0	
44 2-Butanone (MEK)	72	3.699	3.688	0.011	97	67882	100.0	84.0	
46 Methyl acrylate	55	3.745	3.745	0.000	100	97084	20.0	18.1	
48 Propionitrile	54	3.825	3.825	0.000	99	167805	200.0	180.8	
50 Tetrahydrofuran	72	3.905	3.905	0.000	86	31638	40.0	35.2	
49 Chlorobromomethane	128	3.905	3.905	0.000	89	45291	20.0	18.1	
54 Methacrylonitrile	67	3.916	3.916	0.000	92	512106	200.0	184.6	
51 Chloroform	83	3.951	3.951	0.001	98	153105	20.0	17.5	
53 Cyclohexane	84	4.076	4.076	0.000	89	151845	20.0	17.0	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	97	133199	20.0	17.2	
\$ 56 Dibromofluoromethane (Surr)	113	4.111	4.099	0.012	96	146410	50.0	50.5	
57 Carbon tetrachloride	117	4.214	4.202	0.012	96	106743	20.0	16.8	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	99	125150	20.0	16.6	
61 Isobutyl alcohol	43	4.351	4.351	0.000	93	151508	500.0	435.3	
64 Isooctane	57	4.396	4.396	0.000	100	271332	20.0	17.6	
59 Benzene	78	4.431	4.431	0.000	96	392700	20.0	18.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.454	4.453	0.001	95	153624	50.0	50.6	
66 Isopropyl acetate	61	4.476	4.476	0.000	96	45355	20.0	16.9	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	99	283863	20.0	17.9	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	96	102010	20.0	17.4	
65 n-Heptane	100	4.579	4.579	0.000	91	27031	20.0	18.8	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	455190	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	87	46641	500.0	345.4	
69 Trichloroethene	95	5.082	5.082	0.000	99	91620	20.0	17.6	
72 Methylcyclohexane	83	5.208	5.208	0.000	79	159479	20.0	16.9	
71 Ethyl acrylate	99	5.208	5.208	0.000	95	15314	20.0	16.4	
73 1,2-Dichloropropane	63	5.379	5.379	0.000	92	93766	20.0	17.8	
* 68 1,4-Dioxane-d8	96	5.459	5.459	0.000	46	28494	1000.0	1000.0	
74 Methyl methacrylate	100	5.459	5.459	0.000	87	60598	40.0	35.6	
78 1,4-Dioxane	88	5.516	5.505	0.011	27	21211	400.0	309.9	
77 n-Propyl acetate	43	5.516	5.516	0.000	98	145574	20.0	18.1	
75 Dibromomethane	93	5.528	5.528	0.000	95	52784	20.0	17.6	
76 Dichlorobromomethane	83	5.688	5.688	0.000	99	109650	20.0	17.5	
34 2-Nitropropane	41	6.042	6.031	0.011	85	49445	40.0	33.6	
79 2-Chloroethyl vinyl ether	63	6.042	6.042	0.000	86	63463	20.0	18.5	
80 Epichlorohydrin	57	6.168	6.156	0.012	96	11284	20.0	18.9	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	89	153276	20.0	17.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.397	6.396	0.001	96	470172	100.0	91.0	
\$ 82 Toluene-d8 (Surr)	98	6.488	6.488	0.000	98	696511	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	93	403378	20.0	17.5	
85 trans-1,3-Dichloropropene	75	6.968	6.968	0.000	96	129895	20.0	16.9	
86 Ethyl methacrylate	69	7.002	7.002	0.000	87	123322	20.0	17.4	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	96	69911	20.0	17.9	
88 Tetrachloroethene	166	7.254	7.254	0.000	95	78344	20.0	17.0	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	90	146459	20.0	18.2	
91 2-Hexanone	43	7.517	7.517	0.000	96	321321	100.0	91.5	
92 n-Butyl acetate	43	7.654	7.654	0.000	98	144501	20.0	17.7	
90 Chlorodibromomethane	129	7.700	7.699	0.001	97	77614	20.0	18.3	
93 Ethylene Dibromide	107	7.860	7.859	0.001	99	83089	20.0	18.1	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	86	363538	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	95	239570	20.0	17.5	
97 Ethylbenzene	106	8.511	8.500	0.011	98	129641	20.0	17.0	
96 1,1,1,2-Tetrachloroethane	131	8.523	8.522	0.000	97	75232	20.0	17.0	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	96	161569	20.0	17.6	
99 n-Butyl acrylate	73	9.060	9.060	0.000	96	78565	20.0	17.9	
100 o-Xylene	106	9.060	9.060	0.000	94	155187	20.0	17.8	
101 Styrene	104	9.094	9.094	0.000	97	261025	20.0	17.6	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	92	156613	20.0	17.9	
103 Bromoform	173	9.311	9.311	0.000	96	48522	20.0	17.9	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	412053	20.0	18.3	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	162534	50.0	52.3	
107 Bromobenzene	156	9.745	9.745	0.000	97	84385	20.0	17.0	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	117696	20.0	16.6	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	487979	20.0	17.6	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	98	34509	20.0	17.5	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	91	32416	20.0	17.7	
114 2-Chlorotoluene	91	9.906	9.905	0.001	95	330074	20.0	17.4	
113 4-Ethyltoluene	105	9.917	9.917	0.000	98	401449	20.0	17.5	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	93	336789	20.0	17.9	
110 4-Chlorotoluene	91	10.020	10.020	0.000	97	299523	20.0	17.7	
117 Butyl Methacrylate	87	10.066	10.065	0.001	88	118628	20.0	17.9	
118 tert-Butylbenzene	119	10.248	10.248	0.000	95	271595	20.0	17.0	
119 1,2,4-Trimethylbenzene	105	10.306	10.305	0.001	97	334067	20.0	17.8	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	413570	20.0	18.0	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	98	346430	20.0	17.3	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	97	165356	20.0	16.4	
* 106 1,4-Dichlorobenzene-d4	152	10.626	10.625	0.001	94	175250	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.648	10.648	0.000	94	169684	20.0	16.9	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	99	348646	20.0	18.2	
125 Benzyl chloride	91	10.763	10.763	0.000	99	236135	20.0	17.8	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	93	344373	20.0	18.3	
126 p-Diethylbenzene	119	10.866	10.865	0.001	94	204423	20.0	20.2	
127 n-Butylbenzene	92	10.888	10.888	0.000	98	173998	20.0	18.0	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	96	157409	20.0	17.1	
130 1,2,4,5-Tetramethylbenzene	119	11.483	11.471	0.012	97	264592	20.0	16.3	
129 1,2-Dibromo-3-Chloropropane	157	11.574	11.574	0.000	97	23012	20.0	16.3	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	97	98113	20.0	16.7	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	94	87006	20.0	16.5	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	91	30697	20.0	16.6	
134 Naphthalene	128	12.329	12.328	0.001	99	286173	20.0	16.6	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	95	82307	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	34.3	
S 137 Xylenes, Total	100				0		40.0	35.4	
S 138 1,3-Dichloropropene, Total	1				0		40.0	34.8	
S 139 Total BTEX	1				0		100.0	88.0	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

ACROLEIN SP_00125	Amount Added: 4.00	Units: uL	
8FreonsSS_00033	Amount Added: 20.00	Units: uL	
8260 SP_00141	Amount Added: 20.00	Units: uL	
GAS C SP_00412	Amount Added: 20.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02690.D

Injection Date: 04-Jun-2021 16:35:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

63

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

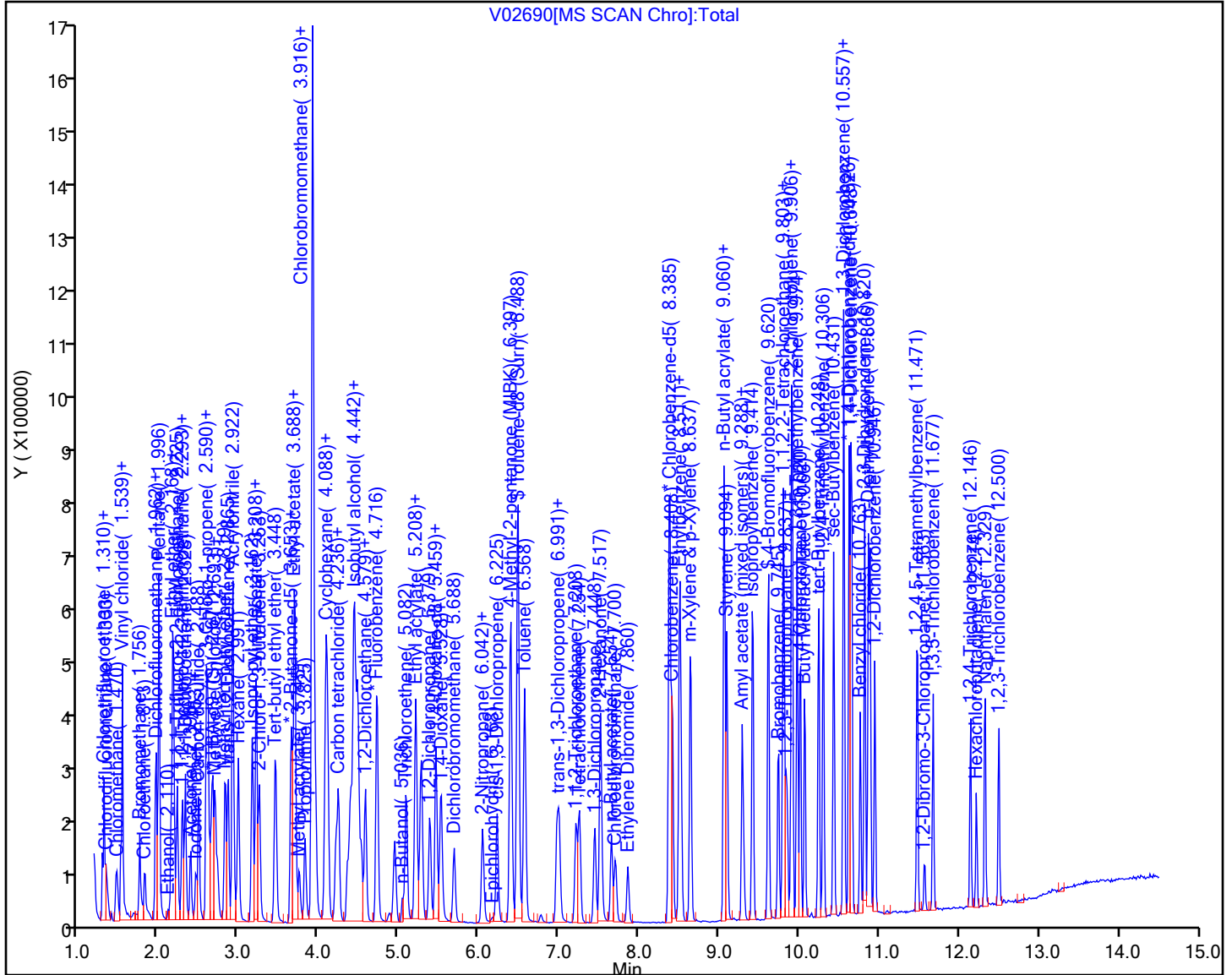
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-782268/14 Calibration Date: 06/04/2021 16:35

Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04

Lab File ID: V02690.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	0.2433	0.1947		16.0	20.0	-20.0	30.0
1,1-Difluoroethane	Ave	0.2870	0.2590		18.1	20.0	-9.7	30.0
Dichlorodifluoromethane	Ave	0.8172	0.7009	0.1000	17.2	20.0	-14.2	30.0
Chlorodifluoromethane	Ave	0.0965	0.0793		16.4	20.0	-17.8	30.0
Chloromethane	Ave	0.7050	0.6732	0.1000	19.1	20.0	-4.5	30.0
Vinyl chloride	Ave	0.7832	0.7116	0.1000	18.2	20.0	-9.1	30.0
Butadiene	Ave	0.7746	0.6258		16.2	20.0	-19.2	30.0
Bromomethane	Ave	4.434	4.272	0.1000	19.3	20.0	-3.6	30.0
Chloroethane	Ave	3.842	3.757	0.1000	19.6	20.0	-2.2	30.0
Dichlorofluoromethane	Ave	0.9705	0.8892		18.3	20.0	-8.4	30.0
Trichlorofluoromethane	Ave	0.8321	0.7424	0.1000	17.8	20.0	-10.8	30.0
Pentane	Ave	0.1160	0.1027		35.4	40.0	-11.5	30.0
Ethanol	Ave	0.6919	0.5397		624	800	-22.0	30.0
Ethyl ether	Ave	0.3572	0.3447		19.3	20.0	-3.5	30.0
2-Methyl-1,3-butadiene	Ave	0.5481	0.4729		17.3	20.0	-13.7	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.4535	0.4246		18.7	20.0	-6.4	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.7880	0.7123		18.1	20.0	-9.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5364	0.4495	0.1000	16.8	20.0	-16.2	30.0
Acrolein	Ave	32.19	17.02		21.2	40.1	-47.1*	30.0
1,1-Dichloroethene	Ave	0.5289	0.4754	0.1000	18.0	20.0	-10.1	30.0
Acetone	Ave	1.555	1.365	0.0500	87.8	100	-12.2	30.0
Isopropyl alcohol	Ave	7.523	6.123		163	200	-18.6	30.0
Iodomethane	Ave	0.5325	0.4009		15.1	20.0	-24.7	30.0
Carbon disulfide	Ave	1.640	1.536	0.1000	18.7	20.0	-6.3	30.0
3-Chloro-1-propene	Ave	0.3603	0.3447		19.1	20.0	-4.3	30.0
Methyl acetate	Ave	0.4964	0.4829	0.1000	38.9	40.0	-2.7	30.0
Cyclopentene	Ave	1.527	1.312		17.2	20.0	-14.1	30.0
Acetonitrile	Ave	0.5110	0.4078		160	200	-20.2	30.0
Methylene Chloride	Ave	0.5674	0.5059	0.1000	17.8	20.0	-10.8	30.0
2-Methyl-2-propanol	Ave	13.69	11.11		162	200	-18.8	30.0
Methyl tert-butyl ether	Ave	1.674	1.556	0.1000	18.6	20.0	-7.0	30.0
trans-1,2-Dichloroethene	Ave	0.6066	0.5232	0.1000	17.2	20.0	-13.8	30.0
Acrylonitrile	Ave	0.2608	0.2546		195	200	-2.4	30.0
Hexane	Ave	0.8565	0.7468		17.4	20.0	-12.8	30.0
Isopropyl ether	Ave	1.724	1.569		18.2	20.0	-9.0	30.0
1,1-Dichloroethane	Ave	1.041	0.9151	0.2000	17.6	20.0	-12.1	30.0
Vinyl acetate	Ave	1.391	1.064		30.6	40.0	-23.5	30.0
2-Chloro-1,3-butadiene	Ave	0.5513	0.4963		18.0	20.0	-10.0	30.0
Tert-butyl ethyl ether	Ave	1.674	1.581		18.9	20.0	-5.6	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-782268/14 Calibration Date: 06/04/2021 16:35

Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04

Lab File ID: V02690.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
2,2-Dichloropropane	Ave	0.2090	0.1736		16.6	20.0	-16.9	30.0
cis-1,2-Dichloroethene	Ave	0.6781	0.5766	0.1000	17.0	20.0	-15.0	30.0
Ethyl acetate	Ave	0.8012	0.6512		32.5	40.0	-18.7	30.0
2-Butanone (MEK)	Ave	0.8031	0.6744	0.0500	84.0	100	-16.0	30.0
Methyl acrylate	Ave	0.5884	0.5332		18.1	20.0	-9.4	30.0
Propionitrile	Ave	21.55	19.48		181	200	-9.6	30.0
Chlorobromomethane	Ave	0.2756	0.2487		18.1	20.0	-9.7	30.0
Tetrahydrofuran	Ave	0.8929	0.7858		35.2	40.0	-12.0	30.0
Methacrylonitrile	Ave	0.3047	0.2813		185	200	-7.7	30.0
Chloroform	Ave	0.9611	0.8409	0.2000	17.5	20.0	-12.5	30.0
Cyclohexane	Ave	0.9789	0.8340	0.1000	17.0	20.0	-14.8	30.0
1,1,1-Trichloroethane	Ave	0.8518	0.7316	0.1000	17.2	20.0	-14.1	30.0
Carbon tetrachloride	Ave	0.6968	0.5863	0.1000	16.8	20.0	-15.9	30.0
1,1-Dichloropropene	Ave	0.8303	0.6874		16.6	20.0	-17.2	30.0
Isobutyl alcohol	Ave	8.079	7.034		435	500	-12.9	30.0
Isooctane	Ave	1.690	1.490		17.6	20.0	-11.8	30.0
Benzene	Ave	3.003	2.701	0.5000	18.0	20.0	-10.1	30.0
Isopropyl acetate	Qua2		0.2491		16.9	20.0	-15.7	30.0
Tert-amyl methyl ether	Ave	1.742	1.559		17.9	20.0	-10.5	30.0
1,2-Dichloroethane	Ave	0.6429	0.5603	0.1000	17.4	20.0	-12.9	30.0
n-Heptane	Ave	0.1578	0.1485		18.8	20.0	-5.9	30.0
n-Butanol	QuaF		2.165		345	500	-30.9*	30.0
Trichloroethene	Ave	0.5726	0.5032	0.2000	17.6	20.0	-12.1	30.0
Ethyl acrylate	Ave	0.1027	0.0841		16.4	20.0	-18.1	30.0
Methylcyclohexane	Ave	1.038	0.8759	0.1000	16.9	20.0	-15.7	30.0
1,2-Dichloropropane	Ave	0.5776	0.5150	0.1000	17.8	20.0	-10.8	30.0
Methyl methacrylate	Ave	0.1869	0.1664		35.6	40.0	-10.9	30.0
1,4-Dioxane	Ave	2.402	1.861		310	400	-22.5	30.0
n-Propyl acetate	Ave	0.8814	0.7995		18.1	20.0	-9.3	30.0
Dibromomethane	Ave	0.3288	0.2899		17.6	20.0	-11.8	30.0
Dichlorobromomethane	Ave	0.6870	0.6022	0.2000	17.5	20.0	-12.3	30.0
2-Chloroethyl vinyl ether	Ave	0.3765	0.3486		18.5	20.0	-7.4	30.0
2-Nitropropane	Ave	0.1618	0.1358		33.6	40.0	-16.1	30.0
Epichlorohydrin	Ave	0.5928	0.5605		18.9	20.0	-5.5	30.0
cis-1,3-Dichloropropene	Ave	1.180	1.054	0.2000	17.9	20.0	-10.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	5.132	4.671	0.0500	91.0	100	-9.0	30.0
Toluene	Ave	3.164	2.774	0.4000	17.5	20.0	-12.3	30.0
trans-1,3-Dichloropropene	Ave	1.055	0.8933	0.1000	16.9	20.0	-15.4	30.0
Ethyl methacrylate	Ave	0.9729	0.8481		17.4	20.0	-12.8	30.0
1,1,2-Trichloroethane	Ave	0.5362	0.4808	0.1000	17.9	20.0	-10.3	30.0
Tetrachloroethene	Ave	0.6350	0.5388	0.2000	17.0	20.0	-15.2	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-782268/14 Calibration Date: 06/04/2021 16:35

Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04

Lab File ID: V02690.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
1,3-Dichloropropane	Ave	1.106	1.007		18.2	20.0	-8.9	30.0
2-Hexanone	Ave	3.489	3.192	0.0500	91.5	100	-8.5	30.0
n-Butyl acetate	Ave	1.122	0.9937		17.7	20.0	-11.4	30.0
Chlorodibromomethane	Ave	0.5829	0.5337	0.1000	18.3	20.0	-8.4	30.0
Ethylene Dibromide	Ave	0.6307	0.5714	0.1000	18.1	20.0	-9.4	30.0
Chlorobenzene	Ave	1.878	1.647	0.5000	17.5	20.0	-12.3	30.0
Ethylbenzene	Ave	1.047	0.8915	0.1000	17.0	20.0	-14.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6104	0.5174		17.0	20.0	-15.2	30.0
m-Xylene & p-Xylene	Ave	1.261	1.111	0.1000	17.6	20.0	-11.9	30.0
n-Butyl acrylate	Ave	0.6046	0.5403		17.9	20.0	-10.6	30.0
o-Xylene	Ave	1.198	1.067	0.3000	17.8	20.0	-10.9	30.0
Styrene	Ave	2.045	1.795	0.3000	17.6	20.0	-12.2	30.0
Amyl acetate (mixed isomers)	Ave	2.501	2.234		17.9	20.0	-10.7	30.0
Bromoform	Ave	0.3735	0.3337	0.1000	17.9	20.0	-10.7	30.0
Isopropylbenzene	Ave	3.103	2.834	0.1000	18.3	20.0	-8.7	30.0
Bromobenzene	Ave	1.416	1.204		17.0	20.0	-15.0	30.0
1,1,2,2-Tetrachloroethane	Ave	2.023	1.679	0.3000	16.6	20.0	-17.0	30.0
N-Propylbenzene	Ave	7.892	6.961		17.6	20.0	-11.8	30.0
1,2,3-Trichloropropane	Ave	0.5621	0.4923		17.5	20.0	-12.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.5215	0.4624		17.7	20.0	-11.3	30.0
2-Chlorotoluene	Ave	5.409	4.709		17.4	20.0	-12.9	30.0
4-Ethyltoluene	Ave	6.545	5.727		17.5	20.0	-12.5	30.0
1,3,5-Trimethylbenzene	Ave	5.376	4.804		17.9	20.0	-10.6	30.0
4-Chlorotoluene	Ave	4.824	4.273		17.7	20.0	-11.4	30.0
Butyl Methacrylate	Ave	1.889	1.692		17.9	20.0	-10.4	30.0
tert-Butylbenzene	Ave	4.560	3.874		17.0	20.0	-15.0	30.0
1,2,4-Trimethylbenzene	Ave	5.362	4.766		17.8	20.0	-11.1	30.0
sec-Butylbenzene	Ave	6.546	5.900		18.0	20.0	-9.9	30.0
1,3-Dichlorobenzene	Ave	2.879	2.359	0.6000	16.4	20.0	-18.1	30.0
4-Isopropyltoluene	Ave	5.702	4.942		17.3	20.0	-13.3	30.0
1,4-Dichlorobenzene	Ave	2.862	2.421	0.5000	16.9	20.0	-15.4	30.0
1,2,3-Trimethylbenzene	Ave	5.480	4.974		18.2	20.0	-9.2	30.0
Benzyl chloride	Ave	3.792	3.369		17.8	20.0	-11.2	30.0
Indan	Ave	5.374	4.913		18.3	20.0	-8.6	30.0
p-Diethylbenzene	Ave	2.892	2.916		20.2	20.0	0.8	30.0
n-Butylbenzene	Ave	2.762	2.482		18.0	20.0	-10.1	30.0
1,2-Dichlorobenzene	Ave	2.628	2.245	0.4000	17.1	20.0	-14.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.643	3.774		16.3	20.0	-18.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.4020	0.3283	0.0500	16.3	20.0	-18.3	30.0
1,3,5-Trichlorobenzene	Ave	1.673	1.400		16.7	20.0	-16.3	30.0
1,2,4-Trichlorobenzene	Ave	1.505	1.241	0.2000	16.5	20.0	-17.5	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-782268/14 Calibration Date: 06/04/2021 16:35  
 Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04  
 Lab File ID: V02690.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
Hexachlorobutadiene	Ave	0.5263	0.4379		16.6	20.0	-16.8	30.0
Naphthalene	Ave	4.906	4.082		16.6	20.0	-16.8	30.0
1,2,3-Trichlorobenzene	Ave	1.414	1.174		16.6	20.0	-17.0	30.0
Dibromofluoromethane (Surr)	Ave	0.3184	0.3216		50.5	50.0	1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3334	0.3375		50.6	50.0	1.2	30.0
Toluene-d8 (Surr)	Ave	1.886	1.916		50.8	50.0	1.6	30.0
4-Bromofluorobenzene	Ave	0.4275	0.4471		52.3	50.0	4.6	30.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02690.D

Lims ID: ICV

Client ID:

Sample Type: ICV

Inject. Date: 04-Jun-2021 16:35:30

ALS Bottle#: 63

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Sample Info: ICV

Misc. Info.: 460-0129741-014

Operator ID:

Instrument ID: CVOAMS7

Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m

Limit Group: VOA - 8260D Water and Solid

Last Update: 04-Jun-2021 20:02:23

Calib Date: 04-Jun-2021 15:04:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D

Column 1 : Rtx-624 ( 0.25 mm)

Det: MS Quad

Process Host: CTX1647

First Level Reviewer: sgroa

Date: 04-Jun-2021 17:18:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.288	1.287	0.001	88	35451	20.0	16.0	
4 1,1-Difluoroethane	65	1.310	1.299	0.011	50	47166	20.0	18.1	
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	99	127618	20.0	17.2	
2 Chlorodifluoromethane	67	1.345	1.333	0.012	98	14441	20.0	16.4	
6 Chloromethane	50	1.470	1.459	0.011	99	122582	20.0	19.1	
7 Vinyl chloride	62	1.516	1.516	0.000	98	129570	20.0	18.2	
8 Butadiene	54	1.539	1.539	0.000	97	113944	20.0	16.2	
9 Bromomethane	94	1.756	1.745	0.011	98	86006	20.0	19.3	
10 Chloroethane	64	1.825	1.813	0.012	98	75638	20.0	19.6	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	98	161905	20.0	18.3	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	98	135169	20.0	17.8	
13 Pentane	72	1.996	1.996	0.000	96	37412	40.0	35.4	
17 Ethanol	46	2.110	2.110	0.000	97	18599	800.0	624.0	
14 Ethyl ether	74	2.145	2.145	0.000	95	62760	20.0	19.3	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	96	86095	20.0	17.3	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	94	77311	20.0	18.7	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.225	0.000	98	129700	20.0	18.1	
18 1,1,2,2-Tetrafluoroethane	101	2.293	2.282	0.011	96	81839	20.0	16.8	
52 Acrolein	56	2.293	2.293	0.000	93	29377	40.1	21.2	
20 1,1-Dichloroethene	96	2.328	2.327	0.001	97	86562	20.0	18.0	
23 Acetone	43	2.396	2.385	0.011	89	137432	100.0	87.8	
21 Iodomethane	142	2.465	2.453	0.012	97	72998	20.0	15.1	
24 Isopropyl alcohol	45	2.453	2.453	0.000	71	52761	200.0	162.8	a
22 Carbon disulfide	76	2.488	2.488	0.000	99	279687	20.0	18.7	
30 Methyl acetate	43	2.590	2.590	0.000	98	175845	40.0	38.9	
26 3-Chloro-1-propene	76	2.590	2.590	0.000	90	62767	20.0	19.1	
25 Cyclopentene	67	2.613	2.602	0.011	97	238878	20.0	17.2	
27 Acetonitrile	40	2.648	2.636	0.012	100	82094	200.0	159.6	
* 28 TBA-d9 (IS)	66	2.671	2.670	0.000	99	43081	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	91	92119	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.728	2.728	0.000	99	95749	200.0	162.3	
32 Methyl tert-butyl ether	73	2.831	2.819	0.012	97	283296	20.0	18.6	
33 trans-1,2-Dichloroethene	96	2.865	2.853	0.012	93	95265	20.0	17.2	
35 Acrylonitrile	53	2.922	2.910	0.012	94	463643	200.0	195.3	
36 Hexane	57	2.991	2.990	0.001	91	135971	20.0	17.4	
37 Isopropyl ether	45	3.162	3.162	0.000	98	285713	20.0	18.2	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	63	166614	20.0	17.6	
40 Vinyl acetate	86	3.219	3.208	0.011	100	42854	40.0	30.6	
39 2-Chloro-1,3-butadiene	88	3.253	3.253	0.000	87	90362	20.0	18.0	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	90	287801	20.0	18.9	
* 42 2-Butanone-d5	46	3.642	3.642	0.000	99	251652	250.0	250.0	
43 2,2-Dichloropropane	97	3.665	3.665	0.000	95	31607	20.0	16.6	
47 Ethyl acetate	70	3.688	3.688	0.000	94	26221	40.0	32.5	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	94	104981	20.0	17.0	
44 2-Butanone (MEK)	72	3.699	3.688	0.011	97	67882	100.0	84.0	
46 Methyl acrylate	55	3.745	3.745	0.000	100	97084	20.0	18.1	
48 Propionitrile	54	3.825	3.825	0.000	99	167805	200.0	180.8	
50 Tetrahydrofuran	72	3.905	3.905	0.000	86	31638	40.0	35.2	
49 Chlorobromomethane	128	3.905	3.905	0.000	89	45291	20.0	18.1	
54 Methacrylonitrile	67	3.916	3.916	0.000	92	512106	200.0	184.6	
51 Chloroform	83	3.951	3.951	0.001	98	153105	20.0	17.5	
53 Cyclohexane	84	4.076	4.076	0.000	89	151845	20.0	17.0	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	97	133199	20.0	17.2	
\$ 56 Dibromofluoromethane (Surr)	113	4.111	4.099	0.012	96	146410	50.0	50.5	
57 Carbon tetrachloride	117	4.214	4.202	0.012	96	106743	20.0	16.8	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	99	125150	20.0	16.6	
61 Isobutyl alcohol	43	4.351	4.351	0.000	93	151508	500.0	435.3	
64 Isooctane	57	4.396	4.396	0.000	100	271332	20.0	17.6	
59 Benzene	78	4.431	4.431	0.000	96	392700	20.0	18.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.454	4.453	0.001	95	153624	50.0	50.6	
66 Isopropyl acetate	61	4.476	4.476	0.000	96	45355	20.0	16.9	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	99	283863	20.0	17.9	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	96	102010	20.0	17.4	
65 n-Heptane	100	4.579	4.579	0.000	91	27031	20.0	18.8	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	455190	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	87	46641	500.0	345.4	
69 Trichloroethene	95	5.082	5.082	0.000	99	91620	20.0	17.6	
72 Methylcyclohexane	83	5.208	5.208	0.000	79	159479	20.0	16.9	
71 Ethyl acrylate	99	5.208	5.208	0.000	95	15314	20.0	16.4	
73 1,2-Dichloropropane	63	5.379	5.379	0.000	92	93766	20.0	17.8	
* 68 1,4-Dioxane-d8	96	5.459	5.459	0.000	46	28494	1000.0	1000.0	
74 Methyl methacrylate	100	5.459	5.459	0.000	87	60598	40.0	35.6	
78 1,4-Dioxane	88	5.516	5.505	0.011	27	21211	400.0	309.9	
77 n-Propyl acetate	43	5.516	5.516	0.000	98	145574	20.0	18.1	
75 Dibromomethane	93	5.528	5.528	0.000	95	52784	20.0	17.6	
76 Dichlorobromomethane	83	5.688	5.688	0.000	99	109650	20.0	17.5	
34 2-Nitropropane	41	6.042	6.031	0.011	85	49445	40.0	33.6	
79 2-Chloroethyl vinyl ether	63	6.042	6.042	0.000	86	63463	20.0	18.5	
80 Epichlorohydrin	57	6.168	6.156	0.012	96	11284	20.0	18.9	
81 cis-1,3-Dichloropropene	75	6.225	6.225	0.000	89	153276	20.0	17.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.397	6.396	0.001	96	470172	100.0	91.0	
\$ 82 Toluene-d8 (Surr)	98	6.488	6.488	0.000	98	696511	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.568	6.568	0.000	93	403378	20.0	17.5	
85 trans-1,3-Dichloropropene	75	6.968	6.968	0.000	96	129895	20.0	16.9	
86 Ethyl methacrylate	69	7.002	7.002	0.000	87	123322	20.0	17.4	
87 1,1,2-Trichloroethane	83	7.208	7.208	0.000	96	69911	20.0	17.9	
88 Tetrachloroethene	166	7.254	7.254	0.000	95	78344	20.0	17.0	
89 1,3-Dichloropropane	76	7.448	7.448	0.000	90	146459	20.0	18.2	
91 2-Hexanone	43	7.517	7.517	0.000	96	321321	100.0	91.5	
92 n-Butyl acetate	43	7.654	7.654	0.000	98	144501	20.0	17.7	
90 Chlorodibromomethane	129	7.700	7.699	0.001	97	77614	20.0	18.3	
93 Ethylene Dibromide	107	7.860	7.859	0.001	99	83089	20.0	18.1	
* 94 Chlorobenzene-d5	117	8.385	8.385	0.000	86	363538	50.0	50.0	
95 Chlorobenzene	112	8.420	8.420	0.000	95	239570	20.0	17.5	
97 Ethylbenzene	106	8.511	8.500	0.011	98	129641	20.0	17.0	
96 1,1,1,2-Tetrachloroethane	131	8.523	8.522	0.000	97	75232	20.0	17.0	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	96	161569	20.0	17.6	
99 n-Butyl acrylate	73	9.060	9.060	0.000	96	78565	20.0	17.9	
100 o-Xylene	106	9.060	9.060	0.000	94	155187	20.0	17.8	
101 Styrene	104	9.094	9.094	0.000	97	261025	20.0	17.6	
102 Amyl acetate (mixed isomers)	43	9.288	9.288	0.000	92	156613	20.0	17.9	
103 Bromoform	173	9.311	9.311	0.000	96	48522	20.0	17.9	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	412053	20.0	18.3	
\$ 105 4-Bromofluorobenzene	174	9.620	9.620	0.000	0	162534	50.0	52.3	
107 Bromobenzene	156	9.745	9.745	0.000	97	84385	20.0	17.0	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	117696	20.0	16.6	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	487979	20.0	17.6	
115 1,2,3-Trichloropropane	110	9.837	9.837	0.000	98	34509	20.0	17.5	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	91	32416	20.0	17.7	
114 2-Chlorotoluene	91	9.906	9.905	0.001	95	330074	20.0	17.4	
113 4-Ethyltoluene	105	9.917	9.917	0.000	98	401449	20.0	17.5	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	93	336789	20.0	17.9	
110 4-Chlorotoluene	91	10.020	10.020	0.000	97	299523	20.0	17.7	
117 Butyl Methacrylate	87	10.066	10.065	0.001	88	118628	20.0	17.9	
118 tert-Butylbenzene	119	10.248	10.248	0.000	95	271595	20.0	17.0	
119 1,2,4-Trimethylbenzene	105	10.306	10.305	0.001	97	334067	20.0	17.8	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	413570	20.0	18.0	
121 4-Isopropyltoluene	119	10.557	10.557	0.000	98	346430	20.0	17.3	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	97	165356	20.0	16.4	
* 106 1,4-Dichlorobenzene-d4	152	10.626	10.625	0.001	94	175250	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.648	10.648	0.000	94	169684	20.0	16.9	
123 1,2,3-Trimethylbenzene	105	10.660	10.660	0.000	99	348646	20.0	18.2	
125 Benzyl chloride	91	10.763	10.763	0.000	99	236135	20.0	17.8	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	93	344373	20.0	18.3	
126 p-Diethylbenzene	119	10.866	10.865	0.001	94	204423	20.0	20.2	
127 n-Butylbenzene	92	10.888	10.888	0.000	98	173998	20.0	18.0	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	96	157409	20.0	17.1	
130 1,2,4,5-Tetramethylbenzene	119	11.483	11.471	0.012	97	264592	20.0	16.3	
129 1,2-Dibromo-3-Chloropropane	157	11.574	11.574	0.000	97	23012	20.0	16.3	
132 1,3,5-Trichlorobenzene	180	11.677	11.677	0.000	97	98113	20.0	16.7	
131 1,2,4-Trichlorobenzene	180	12.146	12.146	0.000	94	87006	20.0	16.5	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	91	30697	20.0	16.6	
134 Naphthalene	128	12.329	12.328	0.001	99	286173	20.0	16.6	
135 1,2,3-Trichlorobenzene	180	12.500	12.500	0.000	95	82307	20.0	16.6	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	34.3	
S 137 Xylenes, Total	100				0		40.0	35.4	
S 138 1,3-Dichloropropene, Total	1				0		40.0	34.8	
S 139 Total BTEX	1				0		100.0	88.0	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

ACROLEIN SP\_00125

Amount Added: 4.00

Units: uL

8FreonsSS\_00033

Amount Added: 20.00

Units: uL

8260 SP\_00141

Amount Added: 20.00

Units: uL

GAS C SP\_00412

Amount Added: 20.00

Units: uL

8260ISNEW\_00119

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00218

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02690.D

Injection Date: 04-Jun-2021 16:35:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#: 63

Worklist Smp#: 14

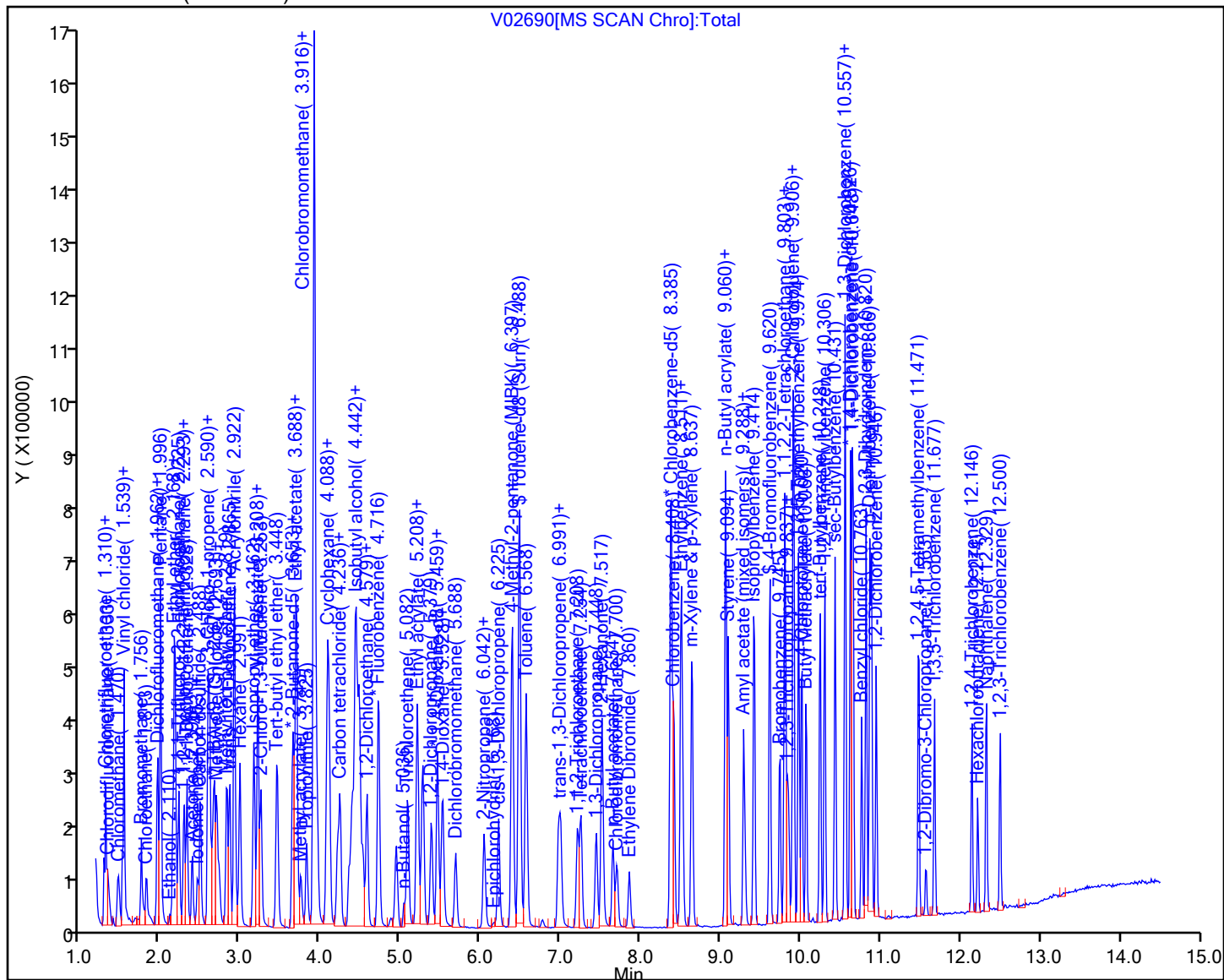
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02690.D

Injection Date: 04-Jun-2021 16:35:30

Instrument ID: CVOAMS7

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

63

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

Detector

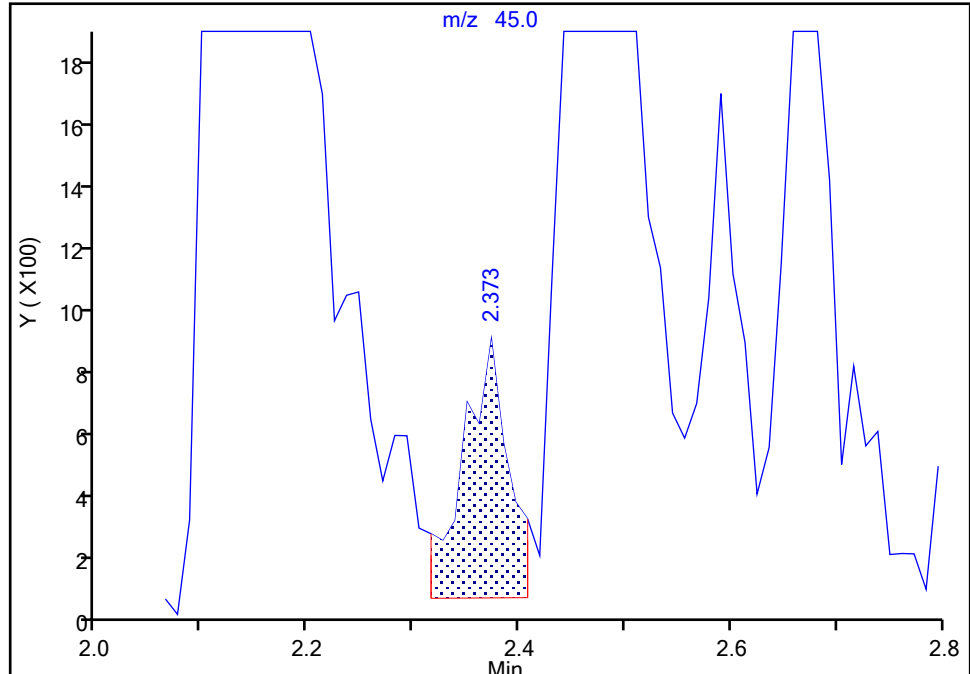
MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

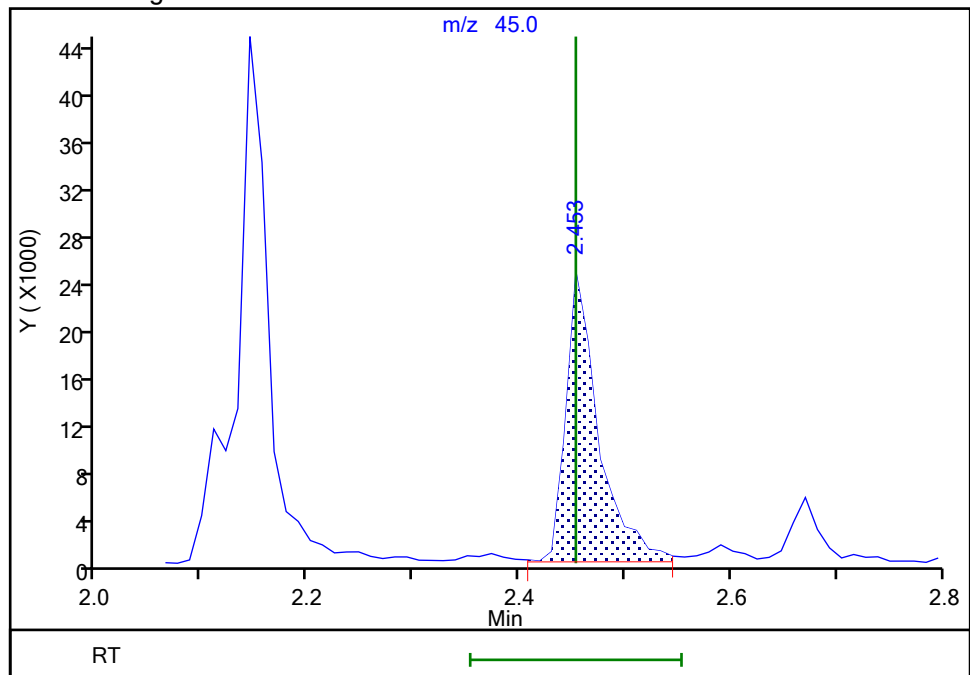
RT: 2.37  
Area: 2372  
Amount: 7.318724  
Amount Units: ug/l

## Processing Integration Results



RT: 2.45  
Area: 52761  
Amount: 162.7922  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 04-Jun-2021 19:56:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-790298/2 Calibration Date: 07/14/2021 22:36

Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04

Lab File ID: V04543.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.8172	0.5254	0.1000	12.9	20.0	-35.7*	20.0
Chloromethane	Ave	0.7050	0.6290	0.1000	17.8	20.0	-10.8	20.0
Vinyl chloride	Ave	0.7832	0.7406	0.1000	18.9	20.0	-5.4	20.0
Butadiene	Ave	0.7746	0.6199		16.0	20.0	-20.0	20.0
Bromomethane	Ave	4.434	5.048	0.1000	22.8	20.0	13.8	50.0
Chloroethane	Ave	3.842	5.361	0.1000	27.9	20.0	39.5	50.0
Dichlorofluoromethane	Ave	0.9705	0.8848		18.2	20.0	-8.8	20.0
Trichlorofluoromethane	Ave	0.8321	0.6569	0.1000	15.8	20.0	-21.1*	20.0
Pentane	Ave	0.1160	0.0831		28.6	40.0	-28.4*	20.0
Ethanol	Ave	0.6919	0.5380		622	800	-22.2	50.0
Ethyl ether	Ave	0.3572	0.3360		18.8	20.0	-5.9	20.0
2-Methyl-1,3-butadiene	Ave	0.5481	0.4259		15.5	20.0	-22.3*	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5364	0.4065	0.1000	15.2	20.0	-24.2*	20.0
Acrolein	Ave	32.19	27.17		34.2	40.6	-15.6	50.0
1,1-Dichloroethene	Ave	0.5289	0.5023	0.1000	19.0	20.0	-5.0	20.0
Acetone	Ave	1.555	1.582	0.0500	102	100	1.7	50.0
Iodomethane	Ave	0.5325	0.4191		15.7	20.0	-21.3*	20.0
Isopropyl alcohol	Ave	7.523	7.325		195	200	-2.6	50.0
Carbon disulfide	Ave	1.640	1.699	0.1000	20.7	20.0	3.6	50.0
3-Chloro-1-propene	Ave	0.3603	0.3530		19.6	20.0	-2.0	20.0
Methyl acetate	Ave	0.4964	0.4085	0.1000	32.9	40.0	-17.7	20.0
Cyclopentene	Ave	1.527	1.384		18.1	20.0	-9.4	20.0
Acetonitrile	Ave	0.5110	0.4395		172	200	-14.0	20.0
Methylene Chloride	Ave	0.5674	0.6244	0.1000	22.0	20.0	10.0	20.0
2-Methyl-2-propanol	Ave	13.69	15.01		219	200	9.6	50.0
Methyl tert-butyl ether	Ave	1.674	1.547	0.1000	18.5	20.0	-7.6	20.0
trans-1,2-Dichloroethene	Ave	0.6066	0.5716	0.1000	18.8	20.0	-5.8	20.0
Acrylonitrile	Ave	0.2608	0.2299		176	200	-11.9	20.0
Hexane	Ave	0.8565	0.5147		12.0	20.0	-39.9*	20.0
Isopropyl ether	Ave	1.724	1.392		16.1	20.0	-19.3	20.0
1,1-Dichloroethane	Ave	1.041	0.9496	0.2000	18.2	20.0	-8.8	20.0
Vinyl acetate	Ave	1.391	1.578		45.4	40.0	13.4	20.0
2-Chloro-1,3-butadiene	Ave	0.5513	0.5231		19.0	20.0	-5.1	20.0
Tert-butyl ethyl ether	Ave	1.674	1.486		17.8	20.0	-11.2	20.0
2,2-Dichloropropane	Ave	0.2090	0.1870		17.9	20.0	-10.5	20.0
2-Butanone (MEK)	Ave	0.8031	0.9158	0.0500	114	100	14.0	50.0
cis-1,2-Dichloroethene	Ave	0.6781	0.6440	0.1000	19.0	20.0	-5.0	20.0
Ethyl acetate	Ave	0.8012	0.9228		46.1	40.0	15.2	20.0
Methyl acrylate	Ave	0.5884	0.4917		16.7	20.0	-16.4	20.0
Propionitrile	Ave	21.55	23.19		215	200	7.6	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-790298/2 Calibration Date: 07/14/2021 22:36  
 Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04  
 Lab File ID: V04543.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
Chlorobromomethane	Ave	0.2756	0.2679		19.4	20.0	-2.8	20.0
Tetrahydrofuran	Ave	0.8929	1.104		49.5	40.0	23.7*	20.0
Methacrylonitrile	Ave	0.3047	0.2698		177	200	-11.4	20.0
Chloroform	Ave	0.9611	0.8837	0.2000	18.4	20.0	-8.1	20.0
Cyclohexane	Ave	0.9789	0.8242	0.1000	16.8	20.0	-15.8	50.0
1,1,1-Trichloroethane	Ave	0.8518	0.7588	0.1000	17.8	20.0	-10.9	20.0
Carbon tetrachloride	Ave	0.6968	0.5963	0.1000	17.1	20.0	-14.4	20.0
1,1-Dichloropropene	Ave	0.8303	0.7539		18.2	20.0	-9.2	20.0
Isobutyl alcohol	Ave	8.079	6.674		413	500	-17.4	50.0
Isooctane	Ave	1.690	0.995		11.8	20.0	-41.1*	20.0
Benzene	Ave	3.003	3.046	0.5000	20.3	20.0	1.5	20.0
Isopropyl acetate	Qua2		0.2515		17.0	20.0	-14.9	20.0
Tert-amyl methyl ether	Ave	1.742	1.578		18.1	20.0	-9.4	20.0
1,2-Dichloroethane	Ave	0.6429	0.5900	0.1000	18.4	20.0	-8.2	20.0
n-Heptane	Ave	0.1578	0.0988		12.5	20.0	-37.4*	20.0
n-Butanol	QuaF		2.172		347	500	-30.7	50.0
Trichloroethene	Ave	0.5726	0.5547	0.2000	19.4	20.0	-3.1	20.0
Ethyl acrylate	Ave	0.1027	0.0859		16.7	20.0	-16.4	20.0
Methylcyclohexane	Ave	1.038	0.7811	0.1000	15.0	20.0	-24.8	50.0
1,2-Dichloropropane	Ave	0.5776	0.5352	0.1000	18.5	20.0	-7.3	20.0
Methyl methacrylate	Ave	0.1869	0.1696		36.3	40.0	-9.2	20.0
1,4-Dioxane	Ave	2.402	2.468		411	400	2.7	50.0
n-Propyl acetate	Ave	0.8814	0.6500		14.7	20.0	-26.3*	20.0
Dibromomethane	Ave	0.3288	0.3310		20.1	20.0	0.7	20.0
Dichlorobromomethane	Ave	0.6870	0.6227	0.2000	18.1	20.0	-9.4	20.0
2-Chloroethyl vinyl ether	Ave	0.3765	0.3516		18.7	20.0	-6.6	20.0
2-Nitropropane	Ave	0.1618	0.1283		31.7	40.0	-20.7*	20.0
Epichlorohydrin	Ave	0.5928	0.6616		446	400	11.6	20.0
cis-1,3-Dichloropropene	Ave	1.180	1.135	0.2000	19.2	20.0	-3.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	5.132	5.114	0.0500	99.7	100	-0.3	50.0
Toluene	Ave	3.164	3.209	0.4000	20.3	20.0	1.4	20.0
trans-1,3-Dichloropropene	Ave	1.055	0.9945	0.1000	18.8	20.0	-5.8	50.0
Ethyl methacrylate	Ave	0.9729	0.8317		17.1	20.0	-14.5	20.0
1,1,2-Trichloroethane	Ave	0.5362	0.5448	0.1000	20.3	20.0	1.6	20.0
Tetrachloroethene	Ave	0.6350	0.6557	0.2000	20.7	20.0	3.3	20.0
1,3-Dichloropropane	Ave	1.106	1.084		19.6	20.0	-2.0	20.0
2-Hexanone	Ave	3.489	3.366	0.0500	96.5	100	-3.5	50.0
n-Butyl acetate	Ave	1.122	0.8447		15.1	20.0	-24.7*	20.0
Chlorodibromomethane	Ave	0.5829	0.5631	0.1000	19.3	20.0	-3.4	50.0
Ethylene Dibromide	Ave	0.6307	0.6307	0.1000	20.0	20.0	0.0	20.0
Chlorobenzene	Ave	1.878	1.910	0.5000	20.3	20.0	1.7	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-790298/2 Calibration Date: 07/14/2021 22:36  
 Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04  
 Lab File ID: V04543.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
Ethylbenzene	Ave	1.047	1.089	0.1000	20.8	20.0	4.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6104	0.5708		18.7	20.0	-6.5	20.0
m-Xylene & p-Xylene	Ave	1.261	1.315	0.1000	20.9	20.0	4.3	20.0
n-Butyl acrylate	Ave	0.6046	0.4952		16.4	20.0	-18.1	20.0
o-Xylene	Ave	1.198	1.242	0.3000	20.7	20.0	3.7	20.0
Styrene	Ave	2.045	2.099	0.3000	20.5	20.0	2.6	20.0
Amyl acetate (mixed isomers)	Ave	2.501	2.045		16.3	20.0	-18.3	20.0
Bromoform	Ave	0.3735	0.3442	0.1000	18.4	20.0	-7.9	20.0
Isopropylbenzene	Ave	3.103	3.187	0.1000	20.5	20.0	2.7	20.0
Bromobenzene	Ave	1.416	1.422		20.1	20.0	0.4	20.0
1,1,2,2-Tetrachloroethane	Ave	2.023	1.866	0.3000	18.4	20.0	-7.8	20.0
N-Propylbenzene	Ave	7.892	8.212		20.8	20.0	4.1	20.0
1,2,3-Trichloropropane	Ave	0.5621	0.5250		18.7	20.0	-6.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.5215	0.4209		16.1	20.0	-19.3	20.0
2-Chlorotoluene	Ave	5.409	5.405		20.0	20.0	-0.0	20.0
4-Ethyltoluene	Ave	6.545	6.788		20.7	20.0	3.7	20.0
1,3,5-Trimethylbenzene	Ave	5.376	5.458		20.3	20.0	1.5	20.0
4-Chlorotoluene	Ave	4.824	4.944		20.5	20.0	2.5	20.0
Butyl Methacrylate	Ave	1.889	1.833		19.4	20.0	-3.0	20.0
tert-Butylbenzene	Ave	4.560	4.513		19.8	20.0	-1.0	20.0
1,2,4-Trimethylbenzene	Ave	5.362	5.472		20.4	20.0	2.1	20.0
sec-Butylbenzene	Ave	6.546	7.036		21.5	20.0	7.5	20.0
4-Isopropyltoluene	Ave	5.702	5.663		19.9	20.0	-0.7	20.0
1,3-Dichlorobenzene	Ave	2.879	2.769	0.6000	19.2	20.0	-3.8	20.0
1,4-Dichlorobenzene	Ave	2.862	2.817	0.5000	19.7	20.0	-1.6	20.0
1,2,3-Trimethylbenzene	Ave	5.480	5.578		20.4	20.0	1.8	20.0
Benzyl chloride	Ave	3.792	3.122		16.5	20.0	-17.7	50.0
Indan	Ave	5.374	5.480		20.4	20.0	2.0	20.0
p-Diethylbenzene	Ave	2.892	2.792		19.3	20.0	-3.5	20.0
n-Butylbenzene	Ave	2.762	2.820		20.4	20.0	2.1	20.0
1,2-Dichlorobenzene	Ave	2.628	2.611	0.4000	19.9	20.0	-0.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.643	4.314		18.6	20.0	-7.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.4020	0.3246	0.0500	16.2	20.0	-19.2	50.0
1,3,5-Trichlorobenzene	Ave	1.673	1.584		18.9	20.0	-5.3	20.0
1,2,4-Trichlorobenzene	Ave	1.505	1.361	0.2000	18.1	20.0	-9.6	20.0
Hexachlorobutadiene	Ave	0.5263	0.4945		18.8	20.0	-6.0	20.0
Naphthalene	Ave	4.906	4.324		17.6	20.0	-11.9	50.0
1,2,3-Trichlorobenzene	Ave	1.414	1.330		18.8	20.0	-5.9	20.0
Dibromofluoromethane (Surr)	Ave	0.3184	0.2992		47.0	50.0	-6.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3334	0.2844		42.7	50.0	-14.7	20.0
Toluene-d8 (Surr)	Ave	1.886	1.905		50.5	50.0	1.0	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
SDG No.: \_\_\_\_\_  
Lab Sample ID: CCVIS 460-790298/2 Calibration Date: 07/14/2021 22:36  
Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47  
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04  
Lab File ID: V04543.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
4-Bromofluorobenzene	Ave	0.4275	0.4268		49.9	50.0	-0.2	20.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\04543.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 14-Jul-2021 22:36:30 ALS Bottle#: 1 Worklist Smp#: 2  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0131808-002  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 12:02:18 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1658

First Level Reviewer: xuyvo

Date: 15-Jul-2021 12:02:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	97	102964	20.0	12.9	
6 Chloromethane	50	1.459	1.459	0.000	99	123270	20.0	17.8	
7 Vinyl chloride	62	1.516	1.516	0.000	98	145155	20.0	18.9	
8 Butadiene	54	1.539	1.539	0.000	92	121499	20.0	16.0	
9 Bromomethane	94	1.745	1.745	0.000	99	84077	20.0	22.8	
10 Chloroethane	64	1.813	1.813	0.000	97	89302	20.0	27.9	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	99	173401	20.0	18.2	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	98	128752	20.0	15.8	
13 Pentane	72	1.996	1.996	0.000	95	32575	40.0	28.6	
17 Ethanol	46	2.110	2.110	0.000	99	15121	800.0	622.1	
14 Ethyl ether	74	2.145	2.145	0.000	90	65849	20.0	18.8	
15 2-Methyl-1,3-butadiene	53	2.167	2.167	0.000	87	83464	20.0	15.5	
18 112TCTFE	101	2.282	2.282	0.000	92	79675	20.0	15.2	
52 Acrolein	56	2.293	2.293	0.000	94	38717	40.6	34.2	
20 1,1-Dichloroethene	96	2.316	2.316	0.000	95	98453	20.0	19.0	
23 Acetone	43	2.385	2.385	0.000	88	131742	100.0	101.7	
21 Iodomethane	142	2.453	2.453	0.000	96	82130	20.0	15.7	
24 Isopropyl alcohol	45	2.453	2.453	0.000	59	51468	200.0	194.7	
22 Carbon disulfide	76	2.487	2.487	0.000	98	332962	20.0	20.7	
30 Methyl acetate	43	2.579	2.579	0.000	97	160131	40.0	32.9	
26 3-Chloro-1-propene	76	2.579	2.579	0.000	90	69184	20.0	19.6	
25 Cyclopentene	67	2.602	2.602	0.000	96	271199	20.0	18.1	
27 Acetonitrile	40	2.636	2.636	0.000	99	73197	200.0	172.0	
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	35132	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	85	122373	20.0	22.0	
31 2-Methyl-2-propanol	59	2.716	2.716	0.000	99	105453	200.0	219.2	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	96	303119	20.0	18.5	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	91	112023	20.0	18.8	
35 Acrylonitrile	53	2.910	2.910	0.000	95	450507	200.0	176.3	
36 Hexane	57	2.979	2.979	0.000	87	100869	20.0	12.0	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 Isopropyl ether	45	3.150	3.150	0.000	96	272772	20.0	16.1	
40 Vinyl acetate	86	3.208	3.208	0.000	99	52566	40.0	45.4	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	69	186116	20.0	18.2	
39 2-Chloro-1,3-butadiene	88	3.242	3.242	0.000	87	102519	20.0	19.0	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	92	291259	20.0	17.8	
* 42 2-Butanone-d5	46	3.630	3.630	0.000	98	208206	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	95	36648	20.0	17.9	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	98	76266	100.0	114.0	
47 Ethyl acetate	70	3.688	3.688	0.000	94	30742	40.0	46.1	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	95	126205	20.0	19.0	
46 Methyl acrylate	55	3.745	3.745	0.000	99	96372	20.0	16.7	
48 Propionitrile	54	3.813	3.813	0.000	99	162955	200.0	215.2	
49 Chlorobromomethane	128	3.893	3.893	0.000	83	52509	20.0	19.4	
50 Tetrahydrofuran	72	3.893	3.893	0.000	80	36793	40.0	49.5	
54 Methacrylonitrile	67	3.905	3.905	0.000	89	528801	200.0	177.1	
51 Chloroform	83	3.951	3.951	0.000	98	173190	20.0	18.4	
53 Cyclohexane	84	4.076	4.076	0.000	85	161533	20.0	16.8	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	97	148708	20.0	17.8	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	146606	50.0	47.0	
57 Carbon tetrachloride	117	4.202	4.202	0.000	97	116873	20.0	17.1	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	98	147745	20.0	18.2	
61 Isobutyl alcohol	43	4.351	4.351	0.000	96	117230	500.0	413.0	
64 Isooctane	57	4.385	4.385	0.000	99	195057	20.0	11.8	
59 Benzene	78	4.419	4.419	0.000	96	464026	20.0	20.3	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	94	139327	50.0	42.7	
66 Isopropyl acetate	61	4.465	4.465	0.000	96	49293	20.0	17.0	
62 Tert-amyl methyl ether	73	4.476	4.476	0.000	92	309243	20.0	18.1	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	97	115630	20.0	18.4	
65 n-Heptane	100	4.568	4.568	0.000	87	19363	20.0	12.5	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	489963	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	87	38161	500.0	346.5	
69 Trichloroethene	95	5.082	5.082	0.000	98	108720	20.0	19.4	
72 Methylcyclohexane	83	5.196	5.196	0.000	80	153090	20.0	15.0	
71 Ethyl acrylate	99	5.196	5.196	0.000	95	16829	20.0	16.7	
73 1,2-Dichloropropane	63	5.368	5.368	0.000	95	104885	20.0	18.5	
* 68 1,4-Dioxane-d8	96	5.436	5.436	0.000	45	26718	1000.0	1000.0	
74 Methyl methacrylate	100	5.448	5.448	0.000	81	66488	40.0	36.3	
78 1,4-Dioxane	88	5.494	5.494	0.000	34	26373	400.0	411.0	
77 n-Propyl acetate	43	5.505	5.505	0.000	96	127388	20.0	14.7	
75 Dibromomethane	93	5.516	5.516	0.000	93	64874	20.0	20.1	
76 Dichlorobromomethane	83	5.676	5.676	0.000	99	122043	20.0	18.1	
79 2-Chloroethyl vinyl ether	63	6.031	6.031	0.000	81	69077	20.0	18.7	
34 2-Nitropropane	41	6.031	6.031	0.000	82	50298	40.0	31.7	
80 Epichlorohydrin	57	6.156	6.156	0.000	98	220395	400.0	446.4	
81 cis-1,3-Dichloropropene	75	6.214	6.214	0.000	87	172891	20.0	19.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.385	0.000	92	425938	100.0	99.7	
\$ 82 Toluene-d8 (Surr)	98	6.476	6.476	0.000	99	725580	50.0	50.5	
83 Toluene	91	6.556	6.556	0.000	92	488866	20.0	20.3	
85 trans-1,3-Dichloropropene	75	6.957	6.957	0.000	96	151495	20.0	18.8	
86 Ethyl methacrylate	69	6.991	6.991	0.000	85	126689	20.0	17.1	
87 1,1,2-Trichloroethane	83	7.197	7.197	0.000	96	82984	20.0	20.3	
88 Tetrachloroethene	166	7.242	7.242	0.000	95	99885	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	7.437	7.437	0.000	89	165063	20.0	19.6	
91 2-Hexanone	43	7.505	7.505	0.000	91	280316	100.0	96.5	
92 n-Butyl acetate	43	7.642	7.642	0.000	95	128671	20.0	15.1	
90 Chlorodibromomethane	129	7.699	7.699	0.000	96	85781	20.0	19.3	
93 Ethylene Dibromide	107	7.848	7.848	0.000	97	96081	20.0	20.0	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	380822	50.0	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	97	290919	20.0	20.3	
97 Ethylbenzene	106	8.500	8.500	0.000	97	165903	20.0	20.8	
96 1,1,1,2-Tetrachloroethane	131	8.511	8.511	0.000	98	86942	20.0	18.7	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	94	200321	20.0	20.9	
99 n-Butyl acrylate	73	9.048	9.048	0.000	73	75433	20.0	16.4	
100 o-Xylene	106	9.060	9.060	0.000	94	189190	20.0	20.7	
101 Styrene	104	9.094	9.094	0.000	97	319678	20.0	20.5	
102 Amyl acetate (mixed isomers)	43	9.277	9.277	0.000	93	143356	20.0	16.3	
103 Bromoform	173	9.300	9.300	0.000	94	52424	20.0	18.4	
104 Isopropylbenzene	105	9.414	9.414	0.000	94	485460	20.0	20.5	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	162526	50.0	49.9	
107 Bromobenzene	156	9.734	9.734	0.000	95	99680	20.0	20.1	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	98	130807	20.0	18.4	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	575807	20.0	20.8	
115 1,2,3-Trichloropropane	110	9.825	9.825	0.000	97	36809	20.0	18.7	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	91	29508	20.0	16.1	
114 2-Chlorotoluene	91	9.905	9.905	0.000	94	378984	20.0	20.0	
113 4-Ethyltoluene	105	9.905	9.905	0.000	99	475916	20.0	20.7	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	94	382716	20.0	20.3	
110 4-Chlorotoluene	91	10.008	10.008	0.000	97	346661	20.0	20.5	
117 Butyl Methacrylate	87	10.065	10.065	0.000	84	128535	20.0	19.4	
118 tert-Butylbenzene	119	10.237	10.237	0.000	95	316428	20.0	19.8	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	97	383675	20.0	20.4	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	493325	20.0	21.5	
121 4-Isopropyltoluene	119	10.545	10.545	0.000	98	397069	20.0	19.9	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	97	194177	20.0	19.2	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	96	175285	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.637	10.637	0.000	94	197521	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	10.648	10.648	0.000	99	391126	20.0	20.4	
125 Benzyl chloride	91	10.763	10.763	0.000	99	218925	20.0	16.5	
111 2,3-Dihydroindene	117	10.820	10.820	0.000	94	384217	20.0	20.4	
126 p-Diethylbenzene	119	10.865	10.865	0.000	93	195775	20.0	19.3	
127 n-Butylbenzene	92	10.888	10.888	0.000	98	197741	20.0	20.4	
128 1,2-Dichlorobenzene	146	10.945	10.945	0.000	96	183089	20.0	19.9	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	302496	20.0	18.6	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.563	0.000	98	22758	20.0	16.2	
132 1,3,5-Trichlorobenzene	180	11.666	11.666	0.000	96	111071	20.0	18.9	
131 1,2,4-Trichlorobenzene	180	12.134	12.134	0.000	94	95410	20.0	18.1	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	93	34674	20.0	18.8	
134 Naphthalene	128	12.317	12.317	0.000	99	303152	20.0	17.6	
135 1,2,3-Trichlorobenzene	180	12.488	12.488	0.000	96	93247	20.0	18.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	41.6	
S 138 1,3-Dichloropropene, Total	1				0		40.0	38.1	
S 139 Total BTEX	1				0		100.0	103.0	

[QC Flag Legend](#)

Processing Flags

[Reagents:](#)

GASES Li_00428	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00140	Amount Added: 20.00	Units: uL	
ACROLEIN W_00127	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04543.D

Injection Date: 14-Jul-2021 22:36:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#: 1

Worklist Smp#: 2

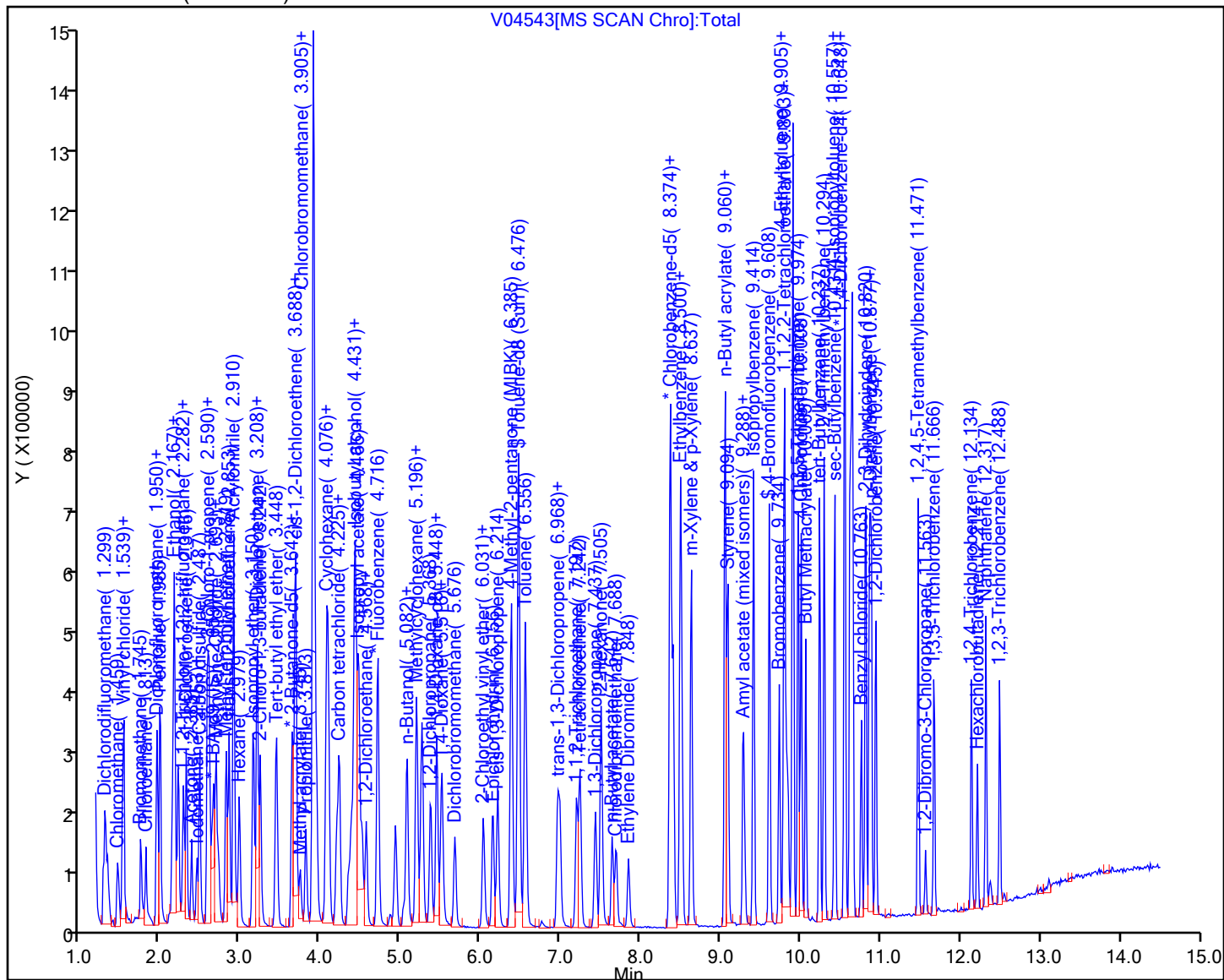
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-790464/2 Calibration Date: 07/15/2021 10:50

Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04

Lab File ID: V04565.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.8172	0.6469	0.1000	15.8	20.0	-20.8*	20.0
Chloromethane	Ave	0.7050	0.6154	0.1000	17.5	20.0	-12.7	20.0
Vinyl chloride	Ave	0.7832	0.7420	0.1000	18.9	20.0	-5.3	20.0
Butadiene	Ave	0.7746	0.6410		16.6	20.0	-17.2	20.0
Bromomethane	Ave	4.434	4.456	0.1000	20.1	20.0	0.5	50.0
Chloroethane	Ave	3.842	4.337	0.1000	22.6	20.0	12.9	50.0
Dichlorofluoromethane	Ave	0.9705	0.8583		17.7	20.0	-11.6	20.0
Trichlorofluoromethane	Ave	0.8321	0.7111	0.1000	17.1	20.0	-14.5	20.0
Pentane	Ave	0.1160	0.1097		37.8	40.0	-5.4	20.0
Ethanol	Ave	0.6919	0.5843		676	800	-15.5	50.0
Ethyl ether	Ave	0.3572	0.3244		18.2	20.0	-9.2	20.0
2-Methyl-1,3-butadiene	Ave	0.5481	0.4543		16.6	20.0	-17.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5364	0.4926	0.1000	18.4	20.0	-8.2	20.0
Acrolein	Ave	32.19	29.75		37.5	40.6	-7.6	50.0
1,1-Dichloroethene	Ave	0.5289	0.5060	0.1000	19.1	20.0	-4.3	20.0
Acetone	Ave	1.555	1.461	0.0500	93.9	100	-6.1	50.0
Isopropyl alcohol	Ave	7.523	6.937		184	200	-7.8	50.0
Iodomethane	Ave	0.5325	0.4096		15.4	20.0	-23.1*	20.0
Carbon disulfide	Ave	1.640	1.600	0.1000	19.5	20.0	-2.4	50.0
3-Chloro-1-propene	Ave	0.3603	0.3497		19.4	20.0	-2.9	20.0
Methyl acetate	Ave	0.4964	0.4020	0.1000	32.4	40.0	-19.0	20.0
Cyclopentene	Ave	1.527	1.392		18.2	20.0	-8.8	20.0
Acetonitrile	Ave	0.5110	0.3989		156	200	-21.9*	20.0
Methylene Chloride	Ave	0.5674	0.5424	0.1000	19.1	20.0	-4.4	20.0
2-Methyl-2-propanol	Ave	13.69	14.48		211	200	5.7	50.0
Methyl tert-butyl ether	Ave	1.674	1.510	0.1000	18.0	20.0	-9.8	20.0
trans-1,2-Dichloroethene	Ave	0.6066	0.5702	0.1000	18.8	20.0	-6.0	20.0
Acrylonitrile	Ave	0.2608	0.2397		184	200	-8.1	20.0
Hexane	Ave	0.8565	0.7625		17.8	20.0	-11.0	20.0
Isopropyl ether	Ave	1.724	1.371		15.9	20.0	-20.5*	20.0
1,1-Dichloroethane	Ave	1.041	0.9323	0.2000	17.9	20.0	-10.4	20.0
Vinyl acetate	Ave	1.391	1.468		42.2	40.0	5.5	20.0
2-Chloro-1,3-butadiene	Ave	0.5513	0.5294		19.2	20.0	-4.0	20.0
Tert-butyl ethyl ether	Ave	1.674	1.443		17.2	20.0	-13.8	20.0
2,2-Dichloropropane	Ave	0.2090	0.1851		17.7	20.0	-11.4	20.0
cis-1,2-Dichloroethene	Ave	0.6781	0.6018	0.1000	17.7	20.0	-11.3	20.0
2-Butanone (MEK)	Ave	0.8031	0.8208	0.0500	102	100	2.2	50.0
Ethyl acetate	Ave	0.8012	0.7828		39.1	40.0	-2.3	20.0
Methyl acrylate	Ave	0.5884	0.4843		16.5	20.0	-17.7	20.0
Propionitrile	Ave	21.55	23.26		216	200	7.9	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-790464/2 Calibration Date: 07/15/2021 10:50

Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04

Lab File ID: V04565.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
Chlorobromomethane	Ave	0.2756	0.2603		18.9	20.0	-5.5	20.0
Tetrahydrofuran	Ave	0.8929	0.9325		41.8	40.0	4.4	20.0
Methacrylonitrile	Ave	0.3047	0.2859		188	200	-6.2	20.0
Chloroform	Ave	0.9611	0.8544	0.2000	17.8	20.0	-11.1	20.0
1,1,1-Trichloroethane	Ave	0.8518	0.7303	0.1000	17.1	20.0	-14.3	20.0
Cyclohexane	Ave	0.9789	0.9398	0.1000	19.2	20.0	-4.0	50.0
Carbon tetrachloride	Ave	0.6968	0.6081	0.1000	17.5	20.0	-12.7	20.0
1,1-Dichloropropene	Ave	0.8303	0.7474		18.0	20.0	-10.0	20.0
Isobutyl alcohol	Ave	8.079	7.124		441	500	-11.8	50.0
Isooctane	Ave	1.690	1.482		17.5	20.0	-12.3	20.0
Benzene	Ave	3.003	3.002	0.5000	20.0	20.0	-0.0	20.0
Isopropyl acetate	Qua2		0.2451		16.6	20.0	-17.2	20.0
Tert-amyl methyl ether	Ave	1.742	1.604		18.4	20.0	-7.9	20.0
1,2-Dichloroethane	Ave	0.6429	0.5507	0.1000	17.1	20.0	-14.3	20.0
n-Heptane	Ave	0.1578	0.1602		20.3	20.0	1.5	20.0
n-Butanol	QuaF		2.149		343	500	-31.5	50.0
Trichloroethene	Ave	0.5726	0.5486	0.2000	19.2	20.0	-4.2	20.0
Ethyl acrylate	Ave	0.1027	0.0995		19.4	20.0	-3.1	20.0
Methylcyclohexane	Ave	1.038	1.012	0.1000	19.5	20.0	-2.6	50.0
1,2-Dichloropropane	Ave	0.5776	0.5115	0.1000	17.7	20.0	-11.4	20.0
Methyl methacrylate	Ave	0.1869	0.1735		37.1	40.0	-7.2	20.0
1,4-Dioxane	Ave	2.402	2.247		374	400	-6.5	50.0
n-Propyl acetate	Ave	0.8814	0.6644		15.1	20.0	-24.6*	20.0
Dibromomethane	Ave	0.3288	0.3112		18.9	20.0	-5.3	20.0
Dichlorobromomethane	Ave	0.6870	0.6280	0.2000	18.3	20.0	-8.6	20.0
2-Chloroethyl vinyl ether	Ave	0.3765	0.3281		17.5	20.0	-12.9	20.0
2-Nitropropane	Ave	0.1618	0.1276		31.5	40.0	-21.2*	20.0
Epichlorohydrin	Ave	0.5928	0.6112		412	400	3.1	20.0
cis-1,3-Dichloropropene	Ave	1.180	1.127	0.2000	19.1	20.0	-4.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	5.132	4.543	0.0500	88.5	100	-11.5	50.0
Toluene	Ave	3.164	3.160	0.4000	20.0	20.0	-0.1	20.0
trans-1,3-Dichloropropene	Ave	1.055	1.007	0.1000	19.1	20.0	-4.6	50.0
Ethyl methacrylate	Ave	0.9729	0.8538		17.6	20.0	-12.2	20.0
1,1,2-Trichloroethane	Ave	0.5362	0.5468	0.1000	20.4	20.0	2.0	20.0
Tetrachloroethene	Ave	0.6350	0.6315	0.2000	19.9	20.0	-0.6	20.0
1,3-Dichloropropane	Ave	1.106	1.111		20.1	20.0	0.5	20.0
2-Hexanone	Ave	3.489	3.086	0.0500	88.5	100	-11.5	50.0
n-Butyl acetate	Ave	1.122	0.9208		16.4	20.0	-17.9	20.0
Chlorodibromomethane	Ave	0.5829	0.5362	0.1000	18.4	20.0	-8.0	50.0
Ethylene Dibromide	Ave	0.6307	0.6203	0.1000	19.7	20.0	-1.6	20.0
Chlorobenzene	Ave	1.878	1.898	0.5000	20.2	20.0	1.1	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-790464/2 Calibration Date: 07/15/2021 10:50  
 Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04  
 Lab File ID: V04565.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
Ethylbenzene	Ave	1.047	1.021	0.1000	19.5	20.0	-2.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6104	0.5666		18.6	20.0	-7.2	20.0
m-Xylene & p-Xylene	Ave	1.261	1.291	0.1000	20.5	20.0	2.4	20.0
n-Butyl acrylate	Ave	0.6046	0.5016		16.6	20.0	-17.0	20.0
o-Xylene	Ave	1.198	1.253	0.3000	20.9	20.0	4.6	20.0
Styrene	Ave	2.045	2.081	0.3000	20.4	20.0	1.8	20.0
Amyl acetate (mixed isomers)	Ave	2.501	1.959		15.7	20.0	-21.7*	20.0
Bromoform	Ave	0.3735	0.3457	0.1000	18.5	20.0	-7.4	20.0
Isopropylbenzene	Ave	3.103	3.110	0.1000	20.1	20.0	0.3	20.0
Bromobenzene	Ave	1.416	1.365		19.3	20.0	-3.6	20.0
1,1,2,2-Tetrachloroethane	Ave	2.023	1.893	0.3000	18.7	20.0	-6.5	20.0
N-Propylbenzene	Ave	7.892	7.871		19.9	20.0	-0.3	20.0
1,2,3-Trichloropropane	Ave	0.5621	0.5125		18.2	20.0	-8.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.5215	0.4565		17.5	20.0	-12.5	20.0
2-Chlorotoluene	Ave	5.409	5.252		19.4	20.0	-2.9	20.0
4-Ethyltoluene	Ave	6.545	6.472		19.8	20.0	-1.1	20.0
1,3,5-Trimethylbenzene	Ave	5.376	5.327		19.8	20.0	-0.9	20.0
4-Chlorotoluene	Ave	4.824	4.693		19.5	20.0	-2.7	20.0
Butyl Methacrylate	Ave	1.889	1.707		18.1	20.0	-9.7	20.0
tert-Butylbenzene	Ave	4.560	4.379		19.2	20.0	-4.0	20.0
1,2,4-Trimethylbenzene	Ave	5.362	5.307		19.8	20.0	-1.0	20.0
sec-Butylbenzene	Ave	6.546	6.753		20.6	20.0	3.2	20.0
4-Isopropyltoluene	Ave	5.702	5.364		18.8	20.0	-5.9	20.0
1,3-Dichlorobenzene	Ave	2.879	2.622	0.6000	18.2	20.0	-8.9	20.0
1,4-Dichlorobenzene	Ave	2.862	2.734	0.5000	19.1	20.0	-4.5	20.0
1,2,3-Trimethylbenzene	Ave	5.480	5.451		19.9	20.0	-0.5	20.0
Benzyl chloride	Ave	3.792	3.579		18.9	20.0	-5.6	50.0
Indan	Ave	5.374	5.210		19.4	20.0	-3.0	20.0
p-Diethylbenzene	Ave	2.892	2.766		19.1	20.0	-4.4	20.0
n-Butylbenzene	Ave	2.762	2.746		19.9	20.0	-0.6	20.0
1,2-Dichlorobenzene	Ave	2.628	2.505	0.4000	19.1	20.0	-4.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.643	4.080		17.6	20.0	-12.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.4020	0.3360	0.0500	16.7	20.0	-16.4	50.0
1,3,5-Trichlorobenzene	Ave	1.673	1.494		17.9	20.0	-10.7	20.0
1,2,4-Trichlorobenzene	Ave	1.505	1.322	0.2000	17.6	20.0	-12.2	20.0
Hexachlorobutadiene	Ave	0.5263	0.4416		16.8	20.0	-16.1	20.0
Naphthalene	Ave	4.906	4.317		17.6	20.0	-12.0	50.0
1,2,3-Trichlorobenzene	Ave	1.414	1.207		17.1	20.0	-14.7	20.0
Dibromofluoromethane (Surr)	Ave	0.3184	0.2945		46.2	50.0	-7.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3334	0.2694		40.4	50.0	-19.2	20.0
Toluene-d8 (Surr)	Ave	1.886	1.893		50.2	50.0	0.4	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
SDG No.: \_\_\_\_\_  
Lab Sample ID: CCVIS 460-790464/2 Calibration Date: 07/15/2021 10:50  
Instrument ID: CVOAMS7 Calib Start Date: 06/04/2021 12:47  
GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/04/2021 15:04  
Lab File ID: V04565.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
4-Bromofluorobenzene	Ave	0.4275	0.4241		49.6	50.0	-0.8	20.0



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04565.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 15-Jul-2021 10:50:30 ALS Bottle#: 1 Worklist Smp#: 2  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0131858-002  
 Operator ID: Instrument ID: CVOAMS7  
 Sublist: chrom-8260W\_7\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 13:04:55 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1636

First Level Reviewer: starzecm

Date: 15-Jul-2021 13:04:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.299	1.299	0.000	99	128975	20.0	15.8	
6 Chloromethane	50	1.459	1.459	0.000	98	122698	20.0	17.5	
7 Vinyl chloride	62	1.516	1.516	0.000	97	147936	20.0	18.9	
8 Butadiene	54	1.527	1.527	0.000	95	127806	20.0	16.6	
9 Bromomethane	94	1.745	1.745	0.000	98	86528	20.0	20.1	
10 Chloroethane	64	1.813	1.813	0.000	98	84217	20.0	22.6	
11 Dichlorofluoromethane	67	1.939	1.939	0.000	99	171110	20.0	17.7	
12 Trichlorofluoromethane	101	1.950	1.950	0.000	98	141778	20.0	17.1	
13 Pentane	72	1.985	1.985	0.000	95	43761	40.0	37.8	
17 Ethanol	46	2.110	2.110	0.000	99	17784	800.0	675.6	
14 Ethyl ether	74	2.145	2.145	0.000	94	64684	20.0	18.2	
15 2-Methyl-1,3-butadiene	53	2.156	2.156	0.000	91	90577	20.0	16.6	
18 112TCTFE	101	2.282	2.282	0.000	94	98204	20.0	18.4	
52 Acrolein	56	2.293	2.293	0.000	93	45909	40.6	37.5	
20 1,1-Dichloroethene	96	2.316	2.316	0.000	94	100875	20.0	19.1	
23 Acetone	43	2.385	2.385	0.000	91	141825	100.0	93.9	
24 Isopropyl alcohol	45	2.442	2.442	0.000	61	52782	200.0	184.4	a
21 Iodomethane	142	2.453	2.453	0.000	97	81654	20.0	15.4	
22 Carbon disulfide	76	2.488	2.488	0.000	98	319071	20.0	19.5	
30 Methyl acetate	43	2.579	2.579	0.000	96	160302	40.0	32.4	
26 3-Chloro-1-propene	76	2.579	2.579	0.000	91	69728	20.0	19.4	
25 Cyclopentene	67	2.602	2.602	0.000	97	277558	20.0	18.2	
27 Acetonitrile	40	2.636	2.636	0.000	99	77454	200.0	156.1	
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	38045	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	85	108136	20.0	19.1	
31 2-Methyl-2-propanol	59	2.716	2.716	0.000	100	110154	200.0	211.5	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	96	301002	20.0	18.0	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	91	113683	20.0	18.8	
35 Acrylonitrile	53	2.910	2.910	0.000	96	477798	200.0	183.8	
36 Hexane	57	2.979	2.979	0.000	88	152010	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 Isopropyl ether	45	3.150	3.150	0.000	96	273266	20.0	15.9	
38 1,1-Dichloroethane	63	3.196	3.196	0.000	65	185878	20.0	17.9	
40 Vinyl acetate	86	3.208	3.208	0.000	99	57018	40.0	42.2	
39 2-Chloro-1,3-butadiene	88	3.242	3.242	0.000	86	105548	20.0	19.2	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	92	287721	20.0	17.2	
* 42 2-Butanone-d5	46	3.630	3.630	0.000	100	242717	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	95	36899	20.0	17.7	
45 cis-1,2-Dichloroethene	96	3.676	3.676	0.000	95	119979	20.0	17.7	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	98	79687	100.0	102.2	
47 Ethyl acetate	70	3.688	3.688	0.000	95	30399	40.0	39.1	
46 Methyl acrylate	55	3.745	3.745	0.000	99	96548	20.0	16.5	
48 Propionitrile	54	3.813	3.813	0.000	99	176964	200.0	215.9	
49 Chlorobromomethane	128	3.893	3.893	0.000	82	51895	20.0	18.9	
50 Tetrahydrofuran	72	3.893	3.893	0.000	83	36212	40.0	41.8	
54 Methacrylonitrile	67	3.905	3.905	0.000	88	570007	200.0	187.7	
51 Chloroform	83	3.939	3.939	0.000	98	170336	20.0	17.8	
53 Cyclohexane	84	4.076	4.076	0.000	85	187377	20.0	19.2	
55 1,1,1-Trichloroethane	97	4.076	4.076	0.000	97	145607	20.0	17.1	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	146775	50.0	46.2	
57 Carbon tetrachloride	117	4.202	4.202	0.000	97	121231	20.0	17.5	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	98	149001	20.0	18.0	
61 Isobutyl alcohol	43	4.339	4.339	0.000	97	135523	500.0	440.9	
64 Isooctane	57	4.385	4.385	0.000	99	295566	20.0	17.5	
59 Benzene	78	4.419	4.419	0.000	94	459109	20.0	20.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	95	134295	50.0	40.4	
66 Isopropyl acetate	61	4.465	4.465	0.000	96	48858	20.0	16.6	
62 Tert-amyl methyl ether	73	4.476	4.476	0.000	98	319832	20.0	18.4	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	94	109799	20.0	17.1	
65 n-Heptane	100	4.568	4.568	0.000	85	31944	20.0	20.3	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	498426	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	87	40874	500.0	342.7	
69 Trichloroethene	95	5.082	5.082	0.000	97	109379	20.0	19.2	
72 Methylcyclohexane	83	5.196	5.196	0.000	83	201727	20.0	19.5	
71 Ethyl acrylate	99	5.196	5.196	0.000	95	19828	20.0	19.4	
73 1,2-Dichloropropane	63	5.368	5.368	0.000	93	101972	20.0	17.7	
* 68 1,4-Dioxane-d8	96	5.448	5.448	0.000	46	27129	1000.0	1000.0	
74 Methyl methacrylate	100	5.448	5.448	0.000	82	69176	40.0	37.1	
78 1,4-Dioxane	88	5.494	5.494	0.000	31	24379	400.0	374.1	
77 n-Propyl acetate	43	5.505	5.505	0.000	95	132454	20.0	15.1	
75 Dibromomethane	93	5.516	5.516	0.000	92	62054	20.0	18.9	
76 Dichlorobromomethane	83	5.676	5.676	0.000	98	125202	20.0	18.3	
79 2-Chloroethyl vinyl ether	63	6.031	6.031	0.000	85	65578	20.0	17.5	
34 2-Nitropropane	41	6.031	6.031	0.000	85	50873	40.0	31.5	
80 Epichlorohydrin	57	6.145	6.145	0.000	98	237353	400.0	412.4	
81 cis-1,3-Dichloropropene	75	6.214	6.214	0.000	87	172400	20.0	19.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.385	0.000	92	441044	100.0	88.5	
\$ 82 Toluene-d8 (Surr)	98	6.476	6.476	0.000	99	723760	50.0	50.2	
83 Toluene	91	6.557	6.557	0.000	93	483314	20.0	20.0	
85 trans-1,3-Dichloropropene	75	6.957	6.957	0.000	98	153992	20.0	19.1	
86 Ethyl methacrylate	69	6.991	6.991	0.000	84	130583	20.0	17.6	
87 1,1,2-Trichloroethane	83	7.197	7.197	0.000	97	83628	20.0	20.4	
88 Tetrachloroethene	166	7.242	7.242	0.000	94	96576	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,3-Dichloropropane	76	7.437	7.437	0.000	89	169907	20.0	20.1	
91 2-Hexanone	43	7.505	7.505	0.000	91	299634	100.0	88.5	
92 n-Butyl acetate	43	7.642	7.642	0.000	97	140823	20.0	16.4	
90 Chlorodibromomethane	129	7.688	7.688	0.000	96	82014	20.0	18.4	
93 Ethylene Dibromide	107	7.848	7.848	0.000	97	94876	20.0	19.7	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	85	382357	50.0	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	97	290284	20.0	20.2	
97 Ethylbenzene	106	8.500	8.500	0.000	97	156192	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	8.511	8.511	0.000	99	86656	20.0	18.6	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	95	197490	20.0	20.5	
99 n-Butyl acrylate	73	9.048	9.048	0.000	99	76717	20.0	16.6	
100 o-Xylene	106	9.060	9.060	0.000	95	191632	20.0	20.9	
101 Styrene	104	9.094	9.094	0.000	97	318252	20.0	20.4	
102 Amyl acetate (mixed isomers)	43	9.277	9.277	0.000	93	141125	20.0	15.7	
103 Bromoform	173	9.300	9.300	0.000	95	52875	20.0	18.5	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	475716	20.0	20.1	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	162170	50.0	49.6	
107 Bromobenzene	156	9.734	9.734	0.000	98	98319	20.0	19.3	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	136335	20.0	18.7	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	566924	20.0	19.9	
115 1,2,3-Trichloropropane	110	9.825	9.825	0.000	97	36914	20.0	18.2	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	89	32878	20.0	17.5	
114 2-Chlorotoluene	91	9.905	9.905	0.000	94	378296	20.0	19.4	
113 4-Ethyltoluene	105	9.905	9.905	0.000	99	466165	20.0	19.8	
116 1,3,5-Trimethylbenzene	105	9.974	9.974	0.000	94	383706	20.0	19.8	
110 4-Chlorotoluene	91	10.008	10.008	0.000	97	338025	20.0	19.5	
117 Butyl Methacrylate	87	10.065	10.065	0.000	84	122928	20.0	18.1	
118 tert-Butylbenzene	119	10.237	10.237	0.000	95	315436	20.0	19.2	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	97	382264	20.0	19.8	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	486389	20.0	20.6	
121 4-Isopropyltoluene	119	10.545	10.545	0.000	98	386376	20.0	18.8	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	96	188850	20.0	18.2	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	180070	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.637	10.637	0.000	94	196904	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	10.648	10.648	0.000	100	392602	20.0	19.9	
125 Benzyl chloride	91	10.763	10.763	0.000	99	257759	20.0	18.9	
111 2,3-Dihydroindene	117	10.808	10.808	0.000	94	375262	20.0	19.4	
126 p-Diethylbenzene	119	10.866	10.866	0.000	93	199243	20.0	19.1	
127 n-Butylbenzene	92	10.877	10.877	0.000	97	197807	20.0	19.9	
128 1,2-Dichlorobenzene	146	10.946	10.946	0.000	97	180419	20.0	19.1	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	98	293897	20.0	17.6	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.563	0.000	97	24204	20.0	16.7	
132 1,3,5-Trichlorobenzene	180	11.666	11.666	0.000	96	107625	20.0	17.9	
131 1,2,4-Trichlorobenzene	180	12.134	12.134	0.000	93	95231	20.0	17.6	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	91	31804	20.0	16.8	
134 Naphthalene	128	12.317	12.317	0.000	100	310972	20.0	17.6	
135 1,2,3-Trichlorobenzene	180	12.489	12.489	0.000	95	86914	20.0	17.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.5	
S 137 Xylenes, Total	100				0		40.0	41.4	
S 138 1,3-Dichloropropene, Total	1				0		40.0	38.2	
S 139 Total BTEX	1				0		100.0	100.9	

[QC Flag Legend](#)

Processing Flags

Review Flags

a - User Assigned ID

[Reagents:](#)

GASES Li_00429	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00140	Amount Added: 20.00	Units: uL	
ACROLEIN W_00127	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04565.D

Injection Date: 15-Jul-2021 10:50:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 2

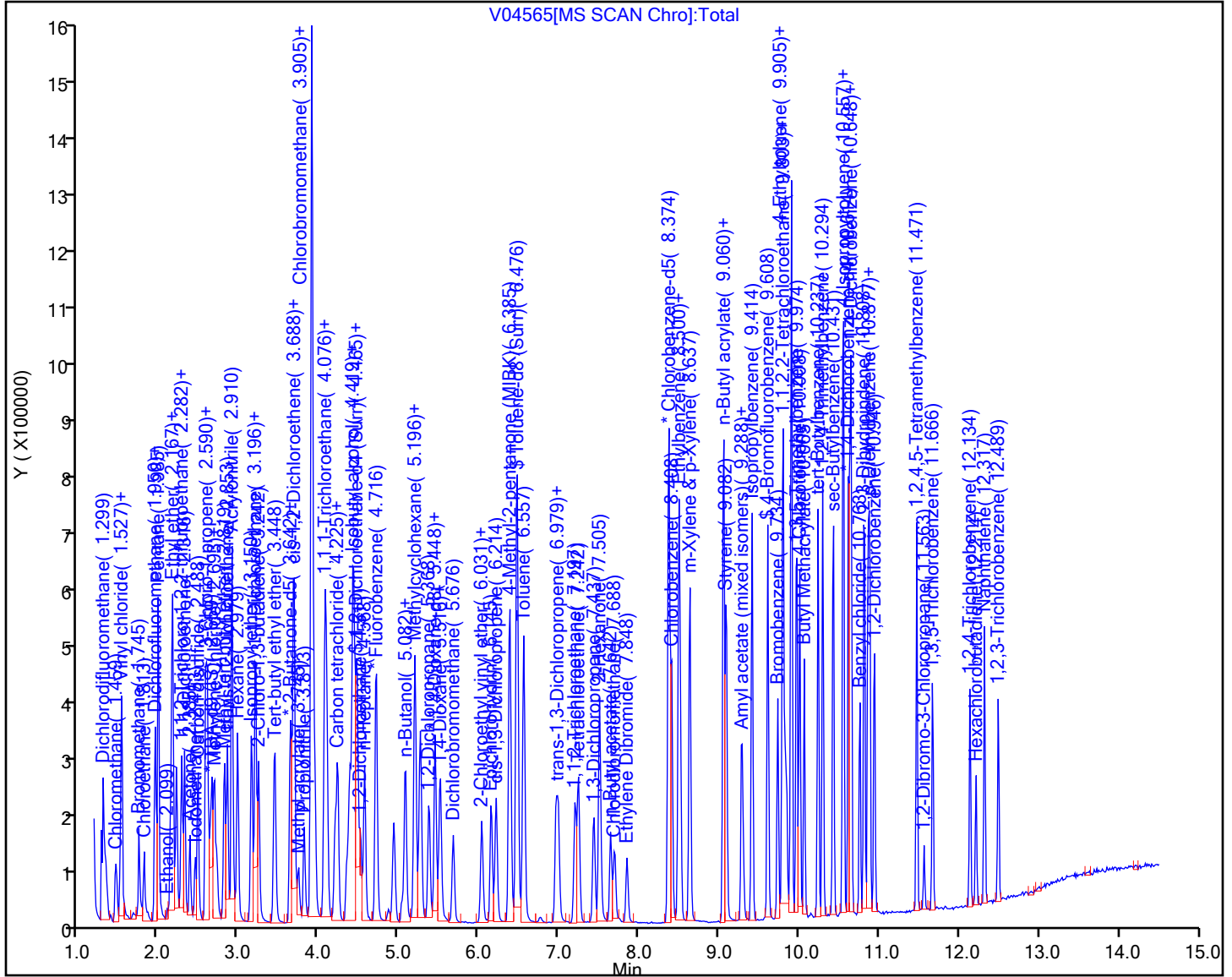
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04565.D

Injection Date: 15-Jul-2021 10:50:30

Instrument ID: CVOAMS7

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)

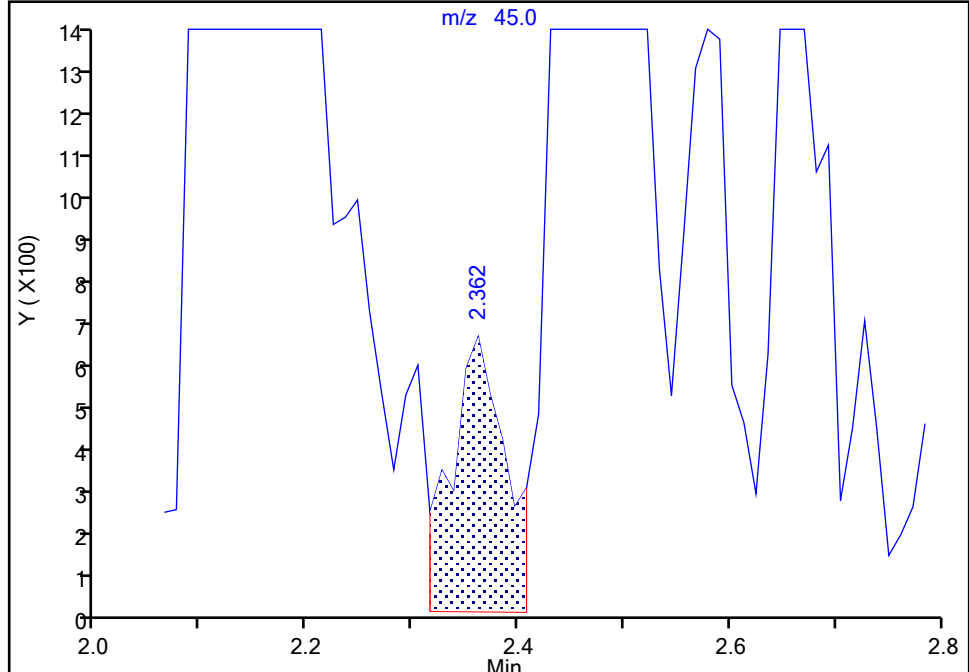
Detector: MS Quad

**24 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

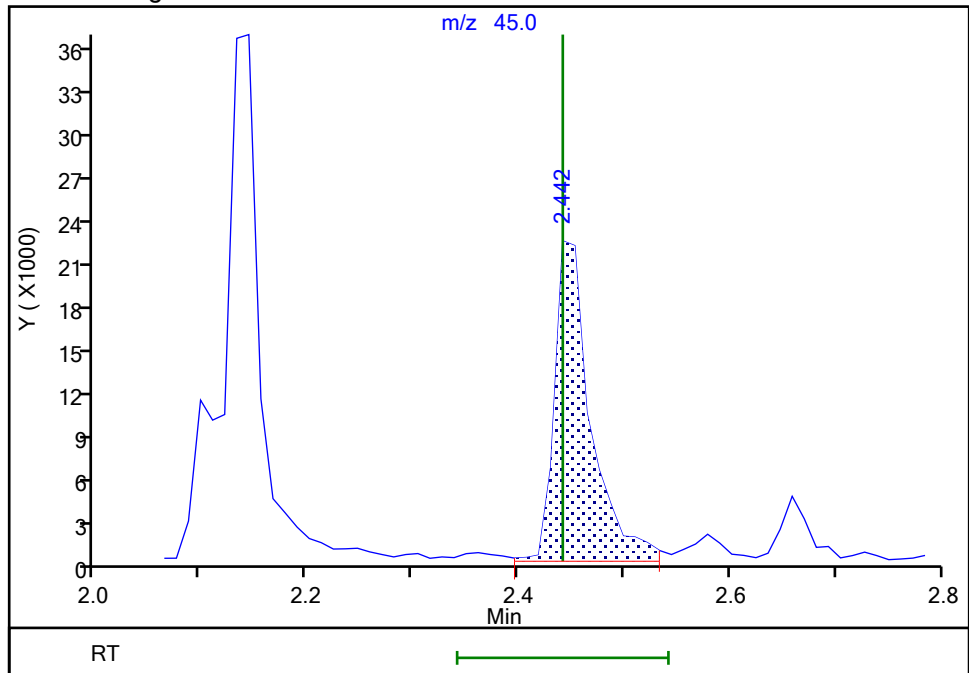
RT: 2.36  
Area: 2270  
Amount: 7.931124  
Amount Units: ug/l

## Processing Integration Results



RT: 2.44  
Area: 52782  
Amount: 184.4144  
Amount Units: ug/l

## Manual Integration Results



Reviewer: starzecm, 15-Jul-2021 11:19:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02677.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 04-Jun-2021 11:40:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0129704-001  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 04-Jun-2021 20:02:23 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1647

First Level Reviewer: martineze

Date: 04-Jun-2021 12:02:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 140 BFB	95	2.573	2.573	0.000	85	334838	NR	NR	a
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**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

**Reagents:**

BFB\_00029

Amount Added: 1.00

Units: uL

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02677.D

Injection Date: 04-Jun-2021 11:40:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

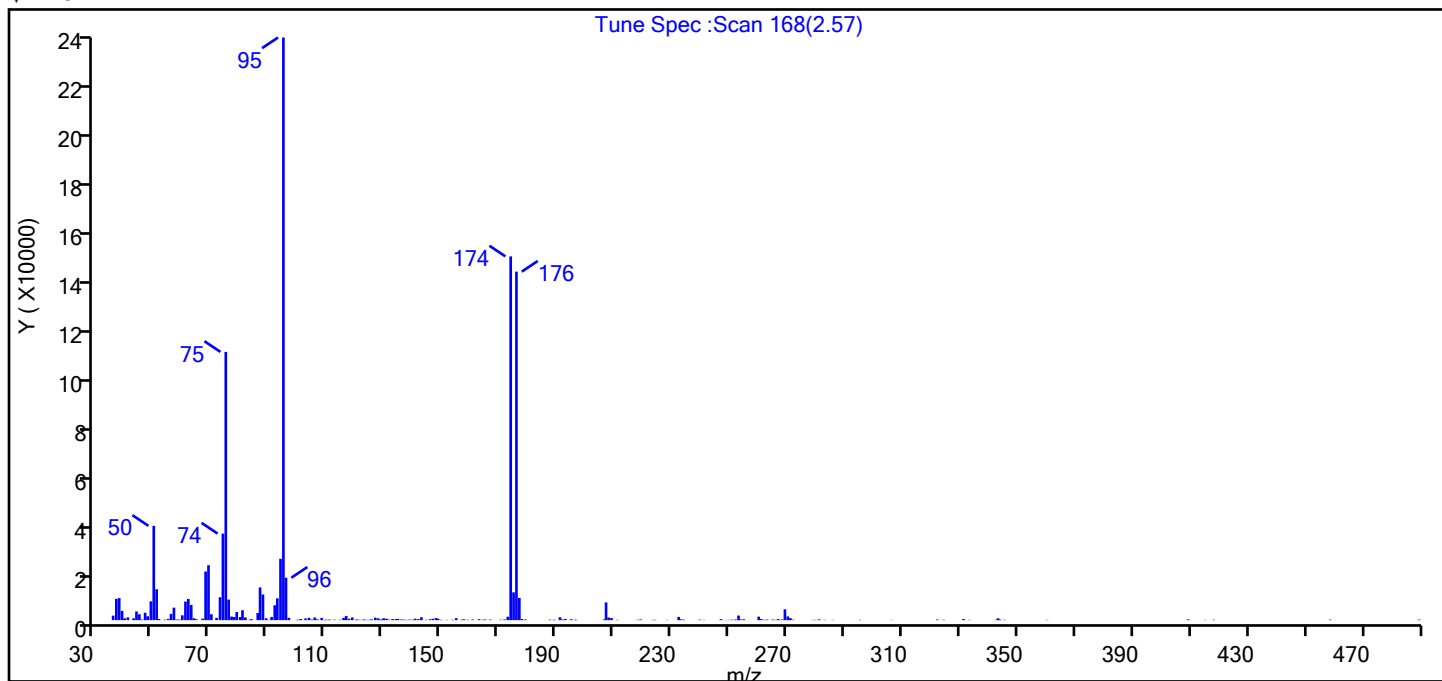
Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.2
75	30 to 60% of m/z 95	46.0
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.6 (0.9)
174	50 to 120% of m/z 95	62.4
175	5 to 9% of m/z 174	4.8 (7.6)
176	Greater than 95% but less than 101% of m/z 174	59.8 (95.8)
177	5 to 9% of m/z 176	3.8 (6.4)



Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02677.D\8260W\_7.rslt\spectra.d  
Injection Date: 04-Jun-2021 11:40:30  
Spectrum: Tune Spec :Scan 168(2.57)  
Base Peak: 95.10  
Minimum % Base Peak: 0  
Number of Points: 195

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1791	89.00	737	140.00	167	232.00	1301
37.00	8495	90.00	111	141.00	566	233.00	369
38.00	8786	91.00	1282	142.00	442	234.00	216
39.00	3699	92.00	5926	143.00	1154	240.00	194
40.00	740	93.00	8682	145.00	158	241.00	113
41.00	1111	94.00	24432	146.00	355	247.00	402
43.00	724	95.00	232192	147.00	570	249.00	101
44.00	3459	96.00	16904	148.00	844	250.00	122
45.00	2327	97.00	931	149.00	524	251.00	182
46.00	217	100.00	127	150.00	151	252.00	175
47.00	2937	100.00	126	152.00	114	252.00	165
48.00	1539	101.00	456	154.00	163	253.00	1836
49.00	7481	103.00	683	155.00	800	254.00	284
50.00	37584	104.00	927	157.00	166	255.00	349
51.00	12316	105.00	247	158.00	360	260.00	1400
52.00	464	106.00	1048	159.00	161	261.00	440
54.00	202	107.00	312	161.00	255	262.00	138
55.00	510	108.00	887	163.00	380	263.00	234
56.00	2481	109.00	107	164.00	149	265.00	233
57.00	4968	110.00	181	165.00	268	266.00	146
58.00	255	111.00	218	167.00	242	267.00	420
59.00	144	111.00	112	170.00	162	268.00	281
59.00	141	113.00	193	172.00	284	269.00	4316
60.00	1926	115.00	189	173.00	1372	270.00	1485
61.00	7421	116.00	918	174.00	144960	271.00	810
62.00	8443	117.00	1671	175.00	11086	272.00	190
63.00	6076	118.00	533	176.00	138880	279.00	113
64.00	734	119.00	1088	177.00	8842	280.00	134
65.00	392	120.00	195	178.00	445	281.00	321
67.00	610	121.00	214	179.00	277	283.00	135
68.00	19368	122.00	102	188.00	220	286.00	115
69.00	21904	123.00	278	189.00	110	295.00	133
70.00	2362	124.00	140	189.00	129	306.00	103

Report Date: 04-Jun-2021 20:02:23

Chrom Revision: 2.3 13-May-2021 07:57:40

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02677.D\8260W\_7.rslt\spectra.d

Injection Date: 04-Jun-2021 11:40:30

Spectrum: Tune Spec :Scan 168(2.57)

Base Peak: 95.10

Minimum % Base Peak: 0

Number of Points: 195

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	914	125.00	140	191.00	1147	322.00	262
73.00	9121	126.00	327	192.00	284	324.00	152
74.00	34504	127.00	977	193.00	458	331.00	439
75.00	106896	128.00	709	195.00	365	333.00	123
76.00	8178	129.00	147	196.00	146	343.00	199
77.00	1437	129.00	292	197.00	121	343.00	713
78.00	1255	130.00	741	206.00	292	344.00	218
79.00	3263	131.00	574	207.00	7076	345.00	150
80.00	1251	132.00	174	208.00	1044	360.00	103
81.00	3951	133.00	432	209.00	826	409.00	284
82.00	1085	134.00	460	211.00	139	410.00	104
83.00	143	135.00	509	218.00	134	415.00	104
84.00	417	136.00	279	219.00	296	418.00	163
86.00	2852	137.00	224	223.00	107	458.00	226
87.00	13035	138.00	103	224.00	144	489.00	234
88.00	10228	139.00	218	228.00	104		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02677.D

Injection Date: 04-Jun-2021 11:40:30

Instrument ID: CVOAMS7

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

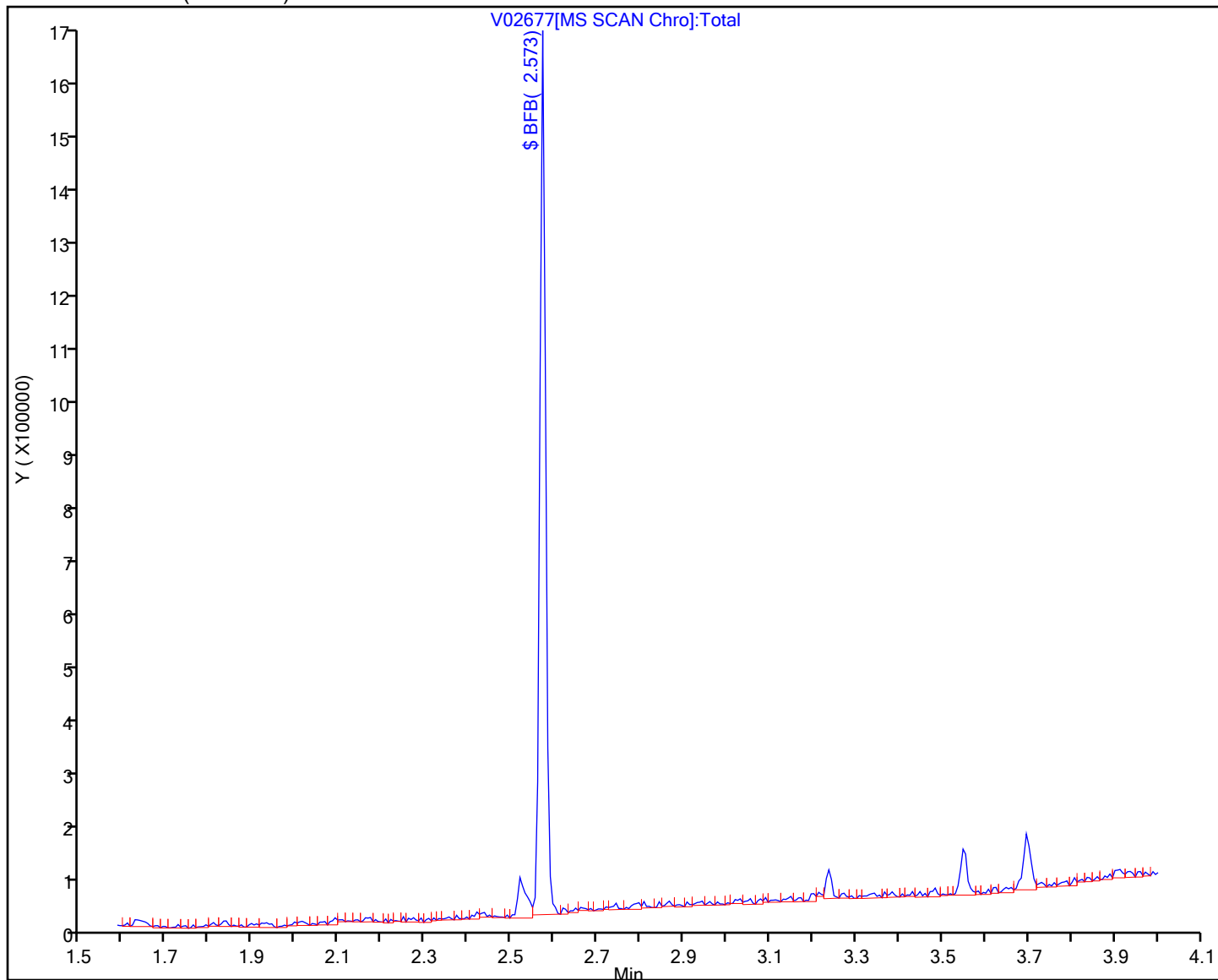
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-790298/7  
 Matrix: Water Lab File ID: V04548.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 00:24  
 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.: 790298 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04548.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 15-Jul-2021 00:24:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0131808-007  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 11:05:26 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1636

First Level Reviewer: starzecm

Date: 15-Jul-2021 11:05:33

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)	66	2.659	2.659	0.000	99	34207	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.631	3.630	0.000	98	207455	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	95	142650	50.0	46.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	95	137824	50.0	42.5	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	486953	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.436	5.436	0.000	90	24045	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.000	98	685094	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	362549	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	154155	50.0	49.7	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	96	169217	50.0	50.0	

## Reagents:

8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04548.D

Injection Date: 15-Jul-2021 00:24:30

Instrument ID: CVOAMS7

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

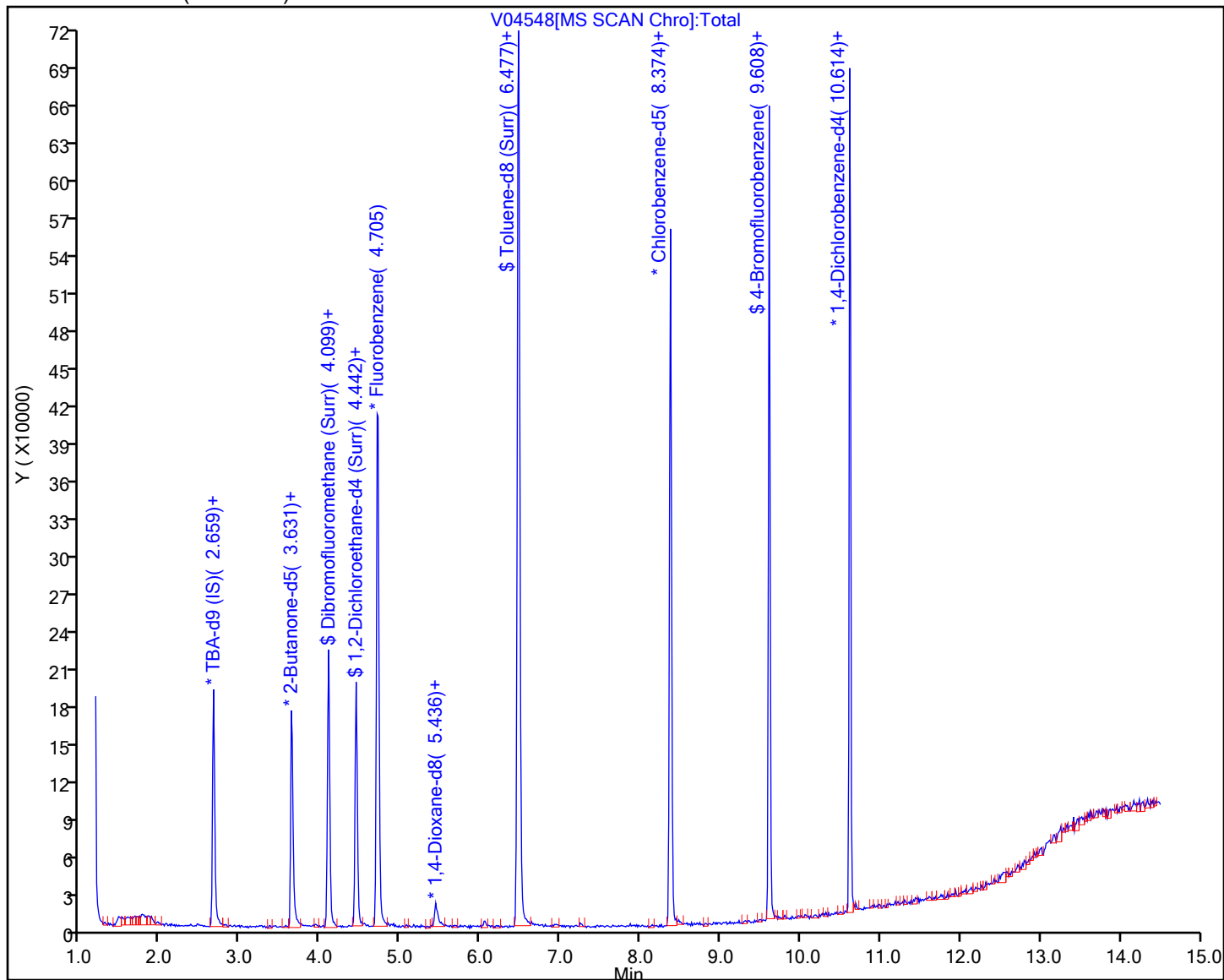
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-790464/7  
 Matrix: Water Lab File ID: V04570.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 12:39  
 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04570.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 15-Jul-2021 12:39:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0131858-007  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 13:04:39 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1636

First Level Reviewer: starzecm

Date: 15-Jul-2021 13:04:47

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)	66	2.659	2.659	0.000	99	37447	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.630	3.630	0.000	98	233210	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	144125	50.0	45.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	96	142500	50.0	43.2	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	495061	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.436	5.448	-0.012	87	27528	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.476	6.476	0.000	99	705969	50.0	49.7	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	376774	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	159564	50.0	49.5	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	170755	50.0	50.0	

## Reagents:

8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04570.D

Injection Date: 15-Jul-2021 12:39:30

Instrument ID: CVOAMS7

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

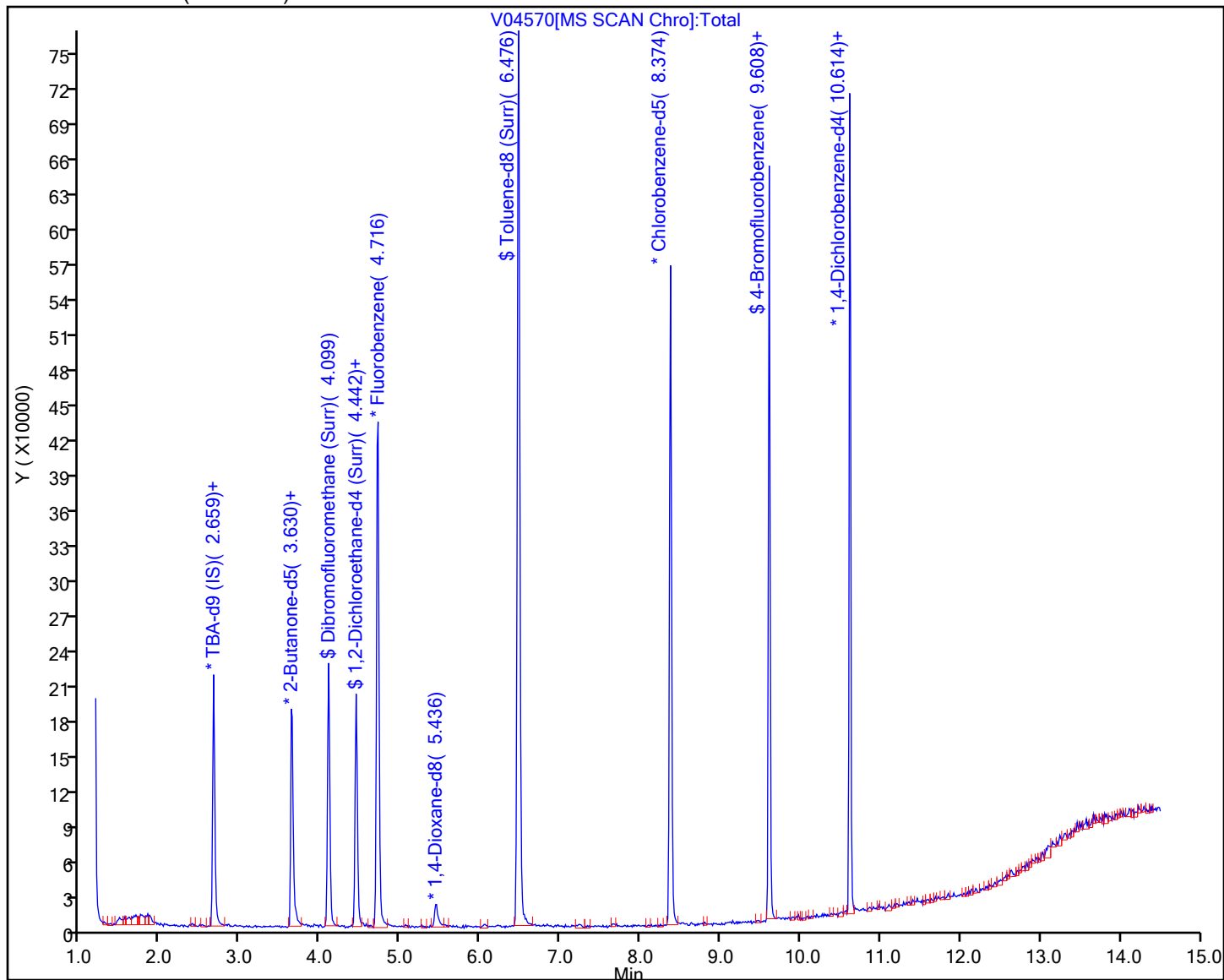
Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-790298/3  
 Matrix: Water Lab File ID: V04544.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/14/2021 22:57  
 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.: 790298 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	20.9		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	20.7		1.0	0.33
99-87-6	4-Isopropyltoluene	20.3		1.0	0.37
71-43-2	Benzene	20.8		1.0	0.20
100-41-4	Ethylbenzene	21.1		1.0	0.30
98-82-8	Isopropylbenzene	21.2		1.0	0.34
1634-04-4	Methyl tert-butyl ether	18.4		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	21.4		1.0	0.30
91-20-3	Naphthalene	19.5		1.0	0.88
104-51-8	n-Butylbenzene	21.3		1.0	0.32
103-65-1	N-Propylbenzene	21.4		1.0	0.32
95-47-6	o-Xylene	21.6		1.0	0.36
135-98-8	sec-Butylbenzene	21.8		1.0	0.37
98-06-6	tert-Butylbenzene	20.8		1.0	0.34
108-88-3	Toluene	20.9		1.0	0.38
1330-20-7	Xylenes, Total	43.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04544.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 14-Jul-2021 22:57:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0131808-003  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 12:02:18 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1658

First Level Reviewer: starzecm

Date: 15-Jul-2021 11:16:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	98	116873	20.0	14.8	
6 Chloromethane	50	1.459	1.459	0.000	99	138669	20.0	20.4	
7 Vinyl chloride	62	1.516	1.516	0.000	97	158523	20.0	21.0	
8 Butadiene	54	1.539	1.539	0.000	94	128852	20.0	17.3	
9 Bromomethane	94	1.745	1.745	0.000	99	89407	20.0	24.6	
10 Chloroethane	64	1.813	1.813	0.000	98	87868	20.0	27.9	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	99	177159	20.0	19.0	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	98	135388	20.0	16.9	
13 Pentane	72	1.996	1.996	0.000	95	33720	40.0	30.2	
17 Ethanol	46	2.110	2.110	0.000	99	19335	800.0	818.0	
14 Ethyl ether	74	2.145	2.145	0.000	94	65384	20.0	19.0	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	92	82351	20.0	15.6	
18 112TCTFE	101	2.282	2.282	0.000	92	84506	20.0	16.4	
52 Acrolein	56	2.293	2.293	0.000	95	43793	40.6	39.8	
20 1,1-Dichloroethene	96	2.316	2.316	0.000	95	100235	20.0	19.7	
23 Acetone	43	2.385	2.385	0.000	90	132547	100.0	103.9	
21 Iodomethane	142	2.453	2.453	0.000	96	92980	20.0	18.1	
24 Isopropyl alcohol	45	2.453	2.453	0.000	60	54381	200.0	211.6	
22 Carbon disulfide	76	2.488	2.487	0.001	98	326597	20.0	20.7	
30 Methyl acetate	43	2.579	2.579	0.000	100	157515	40.0	32.9	
26 3-Chloro-1-propene	76	2.579	2.579	0.000	94	66705	20.0	19.2	
25 Cyclopentene	67	2.602	2.602	0.000	95	273947	20.0	18.6	
27 Acetonitrile	40	2.636	2.636	0.000	99	79783	200.0	190.3	
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	98	34165	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	85	111168	20.0	20.3	
31 2-Methyl-2-propanol	59	2.716	2.716	0.000	99	102318	200.0	218.7	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	97	296621	20.0	18.4	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	91	110635	20.0	18.9	
35 Acrylonitrile	53	2.910	2.910	0.000	94	448293	200.0	178.5	
36 Hexane	57	2.979	2.979	0.000	88	107755	20.0	13.1	
37 Isopropyl ether	45	3.150	3.150	0.000	95	277811	20.0	16.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Vinyl acetate	86	3.208	3.208	0.000	99	52291	40.0	45.8	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	68	180051	20.0	18.0	
39 2-Chloro-1,3-butadiene	88	3.242	3.242	0.000	86	106102	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	92	287960	20.0	17.9	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	97	205084	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	95	33434	20.0	16.6	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	98	75989	100.0	115.3	
47 Ethyl acetate	70	3.688	3.688	0.000	92	29812	40.0	45.4	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	53	115997	20.0	17.8	
46 Methyl acrylate	55	3.745	3.745	0.000	100	94291	20.0	16.6	
48 Propionitrile	54	3.813	3.813	0.000	99	170200	200.0	231.2	
49 Chlorobromomethane	128	3.905	3.893	0.012	89	51375	20.0	19.4	
50 Tetrahydrofuran	72	3.893	3.893	0.000	79	34268	40.0	46.8	
54 Methacrylonitrile	67	3.905	3.905	0.000	88	541208	200.0	184.4	
51 Chloroform	83	3.951	3.951	0.001	99	168996	20.0	18.3	
53 Cyclohexane	84	4.076	4.076	0.000	85	163499	20.0	17.3	
55 1,1,1-Trichloroethane	97	4.088	4.088	0.000	98	147931	20.0	18.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	141245	50.0	46.1	
57 Carbon tetrachloride	117	4.202	4.202	0.000	95	115861	20.0	17.3	
58 1,1-Dichloropropene	75	4.225	4.236	-0.011	99	148889	20.0	18.6	
61 Isobutyl alcohol	43	4.339	4.351	-0.012	97	125081	500.0	453.2	
64 Isooctane	57	4.385	4.385	0.000	99	215026	20.0	13.2	
59 Benzene	78	4.419	4.419	0.000	96	453422	20.0	20.8	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	93	132920	50.0	41.4	
66 Isopropyl acetate	61	4.465	4.465	0.000	96	48969	20.0	17.2	
62 Tert-amyl methyl ether	73	4.476	4.476	0.000	91	307208	20.0	18.3	
63 1,2-Dichloroethane	62	4.511	4.522	-0.011	96	107206	20.0	17.3	
65 n-Heptane	100	4.568	4.568	0.000	86	21194	20.0	13.9	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	481583	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	83	46426	500.0	433.9	
69 Trichloroethene	95	5.082	5.082	0.000	97	108635	20.0	19.7	
72 Methylcyclohexane	83	5.196	5.196	0.000	81	161081	20.0	16.1	
71 Ethyl acrylate	99	5.196	5.196	0.000	95	16728	20.0	16.9	
73 1,2-Dichloropropane	63	5.368	5.368	0.000	95	103739	20.0	18.6	
* 68 1,4-Dioxane-d8	96	5.448	5.436	0.012	46	27377	1000.0	1000.0	
74 Methyl methacrylate	100	5.448	5.448	0.000	82	66053	40.0	36.7	
78 1,4-Dioxane	88	5.494	5.494	0.000	33	26123	400.0	397.3	
77 n-Propyl acetate	43	5.505	5.505	0.000	96	127951	20.0	15.1	
75 Dibromomethane	93	5.516	5.516	0.000	90	61403	20.0	19.4	
76 Dichlorobromomethane	83	5.676	5.676	0.000	98	119725	20.0	18.1	
79 2-Chloroethyl vinyl ether	63	6.031	6.031	0.000	84	67564	20.0	18.6	
34 2-Nitropropane	41	6.031	6.031	0.000	86	47705	40.0	30.6	
80 Epichlorohydrin	57	6.145	6.156	-0.011	98	222090	400.0	456.7	
81 cis-1,3-Dichloropropene	75	6.214	6.214	0.000	87	172334	20.0	20.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.385	0.000	93	433240	100.0	102.9	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	99	680529	50.0	49.6	
83 Toluene	91	6.557	6.556	0.001	93	481719	20.0	20.9	
85 trans-1,3-Dichloropropene	75	6.957	6.957	0.001	96	149003	20.0	19.4	
86 Ethyl methacrylate	69	6.991	6.991	0.000	86	124978	20.0	17.7	
87 1,1,2-Trichloroethane	83	7.197	7.197	0.000	95	81744	20.0	21.0	
88 Tetrachloroethene	166	7.242	7.242	0.000	94	93136	20.0	20.2	
89 1,3-Dichloropropane	76	7.437	7.437	0.000	88	169738	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 2-Hexanone	43	7.505	7.505	0.000	91	289369	100.0	101.1	
92 n-Butyl acetate	43	7.642	7.642	0.000	96	130374	20.0	16.0	
90 Chlorodibromomethane	129	7.688	7.699	-0.011	98	83912	20.0	19.8	
93 Ethylene Dibromide	107	7.848	7.848	0.000	98	92285	20.0	20.1	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	85	363550	50.0	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	96	279434	20.0	20.5	
97 Ethylbenzene	106	8.500	8.500	0.000	97	160637	20.0	21.1	
96 1,1,1,2-Tetrachloroethane	131	8.511	8.511	0.000	97	85914	20.0	19.4	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	95	195976	20.0	21.4	
99 n-Butyl acrylate	73	9.048	9.048	0.000	98	77474	20.0	17.6	
100 o-Xylene	106	9.060	9.060	0.000	95	188373	20.0	21.6	
101 Styrene	104	9.094	9.094	0.000	97	307754	20.0	20.7	
102 Amyl acetate (mixed isomers)	43	9.277	9.277	0.000	92	143852	20.0	17.2	
103 Bromoform	173	9.300	9.300	0.000	94	51422	20.0	18.9	
104 Isopropylbenzene	105	9.414	9.414	0.000	94	477395	20.0	21.2	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	149639	50.0	48.1	
107 Bromobenzene	156	9.734	9.734	0.000	94	95209	20.0	20.1	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	129935	20.0	19.2	
109 N-Propylbenzene	91	9.803	9.803	0.001	99	564342	20.0	21.4	
115 1,2,3-Trichloropropane	110	9.825	9.825	0.000	97	36335	20.0	19.3	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	88	29991	20.0	17.2	
114 2-Chlorotoluene	91	9.905	9.905	0.000	94	372210	20.0	20.5	
113 4-Ethyltoluene	105	9.905	9.905	0.000	99	463062	20.0	21.1	
116 1,3,5-Trimethylbenzene	105	9.963	9.974	-0.011	93	372115	20.0	20.7	
110 4-Chlorotoluene	91	10.008	10.008	0.000	97	329809	20.0	20.4	
117 Butyl Methacrylate	87	10.065	10.065	0.000	84	123054	20.0	19.4	
118 tert-Butylbenzene	119	10.237	10.237	0.000	95	317390	20.0	20.8	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	97	374672	20.0	20.9	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	477962	20.0	21.8	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	98	387269	20.0	20.3	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	96	184961	20.0	19.2	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	96	167471	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.637	10.637	0.000	93	190817	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.648	10.648	0.000	99	384773	20.0	21.0	
125 Benzyl chloride	91	10.763	10.763	0.000	98	214484	20.0	16.9	
111 2,3-Dihydroindene	117	10.808	10.820	-0.012	94	380133	20.0	21.1	
126 p-Diethylbenzene	119	10.866	10.865	0.001	93	191637	20.0	19.8	
127 n-Butylbenzene	92	10.877	10.888	-0.011	97	197259	20.0	21.3	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	97	179009	20.0	20.3	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	305672	20.0	19.7	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.563	0.000	98	22134	20.0	16.4	
132 1,3,5-Trichlorobenzene	180	11.666	11.666	0.000	97	108811	20.0	19.4	
131 1,2,4-Trichlorobenzene	180	12.134	12.134	0.000	93	95986	20.0	19.0	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	93	32918	20.0	18.7	
134 Naphthalene	128	12.317	12.317	0.000	99	319680	20.0	19.5	
135 1,2,3-Trichlorobenzene	180	12.489	12.488	0.001	96	86595	20.0	18.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.7	
S 137 Xylenes, Total	100				0		40.0	43.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.5	
S 139 Total BTEX	1				0		100.0	105.8	

[QC Flag Legend](#)

Processing Flags

[Reagents:](#)

GASES Li_00428	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00140	Amount Added: 20.00	Units: uL	
ACROLEIN W_00127	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\04544.D

Injection Date: 14-Jul-2021 22:57:30

Instrument ID: CVOAMS7

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 3

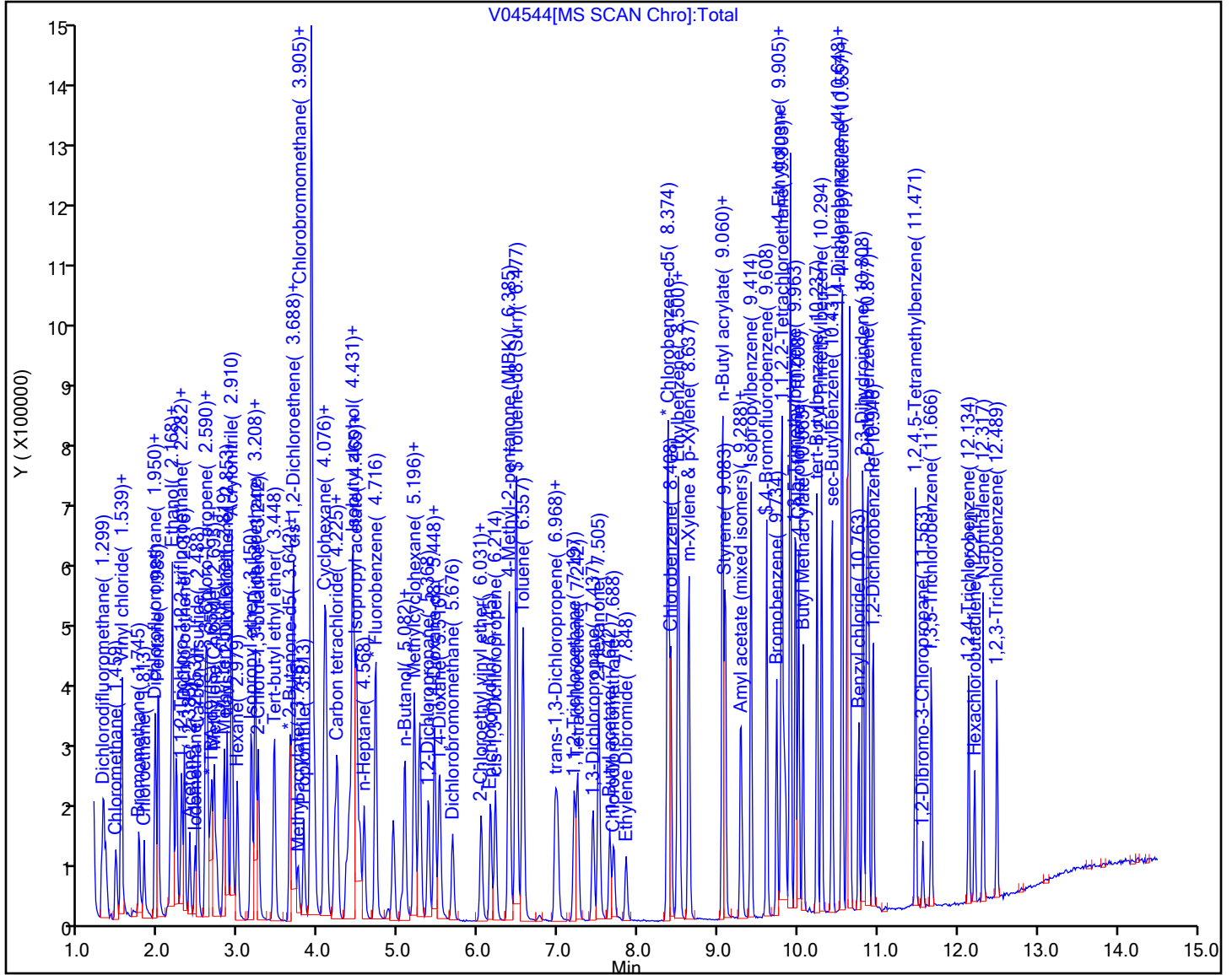
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-790464/3  
 Matrix: Water Lab File ID: V04566.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	20.1		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	20.0		1.0	0.33
99-87-6	4-Isopropyltoluene	19.8		1.0	0.37
71-43-2	Benzene	20.3		1.0	0.20
100-41-4	Ethylbenzene	20.4		1.0	0.30
98-82-8	Isopropylbenzene	20.3		1.0	0.34
1634-04-4	Methyl tert-butyl ether	18.3		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	20.1		1.0	0.30
91-20-3	Naphthalene	18.5		1.0	0.88
104-51-8	n-Butylbenzene	20.8		1.0	0.32
103-65-1	N-Propylbenzene	20.4		1.0	0.32
95-47-6	o-Xylene	20.4		1.0	0.36
135-98-8	sec-Butylbenzene	20.7		1.0	0.37
98-06-6	tert-Butylbenzene	19.4		1.0	0.34
108-88-3	Toluene	19.8		1.0	0.38
1330-20-7	Xylenes, Total	40.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04566.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 15-Jul-2021 11:12:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0131858-003  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 13:04:55 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1636

First Level Reviewer: starzecm

Date: 15-Jul-2021 13:05:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.299	1.299	0.000	98	126253	20.0	15.2	
6 Chloromethane	50	1.459	1.459	0.000	99	131043	20.0	18.3	
7 Vinyl chloride	62	1.516	1.516	0.000	98	155329	20.0	19.5	
8 Butadiene	54	1.539	1.527	0.012	94	124810	20.0	15.9	
9 Bromomethane	94	1.745	1.745	0.000	100	85726	20.0	17.9	
10 Chloroethane	64	1.813	1.813	0.000	98	83249	20.0	20.1	
11 Dichlorofluoromethane	67	1.939	1.939	0.000	99	166014	20.0	16.8	
12 Trichlorofluoromethane	101	1.951	1.950	0.000	98	139488	20.0	16.5	
13 Pentane	72	1.985	1.985	0.000	95	45788	40.0	38.8	
17 Ethanol	46	2.099	2.110	-0.011	98	20398	800.0	683.9	
14 Ethyl ether	74	2.145	2.145	0.000	95	66037	20.0	18.2	
15 2-Methyl-1,3-butadiene	53	2.168	2.156	0.012	92	88255	20.0	15.9	
18 112TCTFE	101	2.282	2.282	0.000	96	98895	20.0	18.2	
52 Acrolein	56	2.293	2.293	0.000	95	46109	40.6	33.2	
20 1,1-Dichloroethene	96	2.316	2.316	0.000	94	101088	20.0	18.8	
23 Acetone	43	2.385	2.385	0.000	90	139336	100.0	83.1	
24 Isopropyl alcohol	45	2.442	2.442	0.000	77	56583	200.0	174.5	
21 Iodomethane	142	2.453	2.453	0.000	97	89150	20.0	16.5	
22 Carbon disulfide	76	2.488	2.488	0.000	98	319435	20.0	19.2	
30 Methyl acetate	43	2.579	2.579	0.000	95	166883	40.0	33.1	
26 3-Chloro-1-propene	76	2.579	2.579	0.000	91	70921	20.0	19.4	
25 Cyclopentene	67	2.602	2.602	0.000	96	279291	20.0	18.0	
27 Acetonitrile	40	2.602	2.636	-0.034	64	33999	200.0	61.7	
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	43112	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	83	110321	20.0	19.1	
31 2-Methyl-2-propanol	59	2.716	2.716	0.000	99	114222	200.0	193.5	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	97	310534	20.0	18.3	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	89	112593	20.0	18.3	
35 Acrylonitrile	53	2.911	2.910	0.001	96	494160	200.0	186.5	
36 Hexane	57	2.979	2.979	0.000	87	155117	20.0	17.8	
37 Isopropyl ether	45	3.151	3.150	0.001	97	281301	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
38 1,1-Dichloroethane	63	3.208	3.196	0.012	65	187339	20.0	17.7	
40 Vinyl acetate	86	3.208	3.208	0.000	99	58835	40.0	39.2	
39 2-Chloro-1,3-butadiene	88	3.242	3.242	0.000	86	107089	20.0	19.1	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	91	295616	20.0	17.4	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	98	269494	250.0	250.0	
43 2,2-Dichloropropane	97	3.654	3.653	0.001	95	37492	20.0	17.7	
45 cis-1,2-Dichloroethene	96	3.676	3.676	0.000	99	119648	20.0	17.4	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	98	83080	100.0	96.0	
47 Ethyl acetate	70	3.688	3.688	0.000	96	30929	40.0	35.8	
46 Methyl acrylate	55	3.745	3.745	0.000	99	99441	20.0	16.6	
48 Propionitrile	54	3.814	3.813	0.001	99	186115	200.0	200.3	
49 Chlorobromomethane	128	3.894	3.893	0.001	79	54065	20.0	19.3	
50 Tetrahydrofuran	72	3.894	3.893	0.001	82	38438	40.0	39.9	
54 Methacrylonitrile	67	3.905	3.905	0.000	87	572910	200.0	185.1	
51 Chloroform	83	3.951	3.939	0.012	98	170414	20.0	17.5	
53 Cyclohexane	84	4.065	4.076	-0.011	85	189068	20.0	19.0	
55 1,1,1-Trichloroethane	97	4.076	4.076	0.000	98	147701	20.0	17.1	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	147802	50.0	45.7	
57 Carbon tetrachloride	117	4.202	4.202	0.000	97	116060	20.0	16.4	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	98	155605	20.0	18.4	
61 Isobutyl alcohol	43	4.351	4.339	0.012	94	149490	500.0	429.2	
64 Isooctane	57	4.385	4.385	0.000	99	300420	20.0	17.5	
59 Benzene	78	4.419	4.419	0.000	95	469116	20.0	20.3	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	95	148323	50.0	43.8	
66 Isopropyl acetate	61	4.465	4.465	0.000	96	52783	20.0	17.6	
62 Tert-amyl methyl ether	73	4.476	4.476	0.000	95	315706	20.0	17.8	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	95	111748	20.0	17.1	
65 n-Heptane	100	4.568	4.568	0.000	89	34226	20.0	21.4	
* 67 Fluorobenzene	96	4.717	4.716	0.000	99	507907	50.0	50.0	
70 n-Butanol	56	5.037	5.036	0.001	78	43058	500.0	318.5	
69 Trichloroethene	95	5.071	5.082	-0.011	97	106132	20.0	18.2	
72 Methylcyclohexane	83	5.197	5.196	0.001	83	199404	20.0	18.9	
71 Ethyl acrylate	99	5.197	5.196	0.001	95	20239	20.0	19.4	
73 1,2-Dichloropropane	63	5.368	5.368	0.000	94	104815	20.0	17.9	
* 68 1,4-Dioxane-d8	96	5.448	5.448	0.000	46	32525	1000.0	1000.0	
74 Methyl methacrylate	100	5.448	5.448	0.000	82	69122	40.0	36.4	
78 1,4-Dioxane	88	5.505	5.494	0.011	29	29810	400.0	381.6	
77 n-Propyl acetate	43	5.505	5.505	0.000	96	136407	20.0	15.2	
75 Dibromomethane	93	5.517	5.516	0.001	95	60726	20.0	18.2	
76 Dichlorobromomethane	83	5.677	5.676	0.001	99	122982	20.0	17.6	
79 2-Chloroethyl vinyl ether	63	6.031	6.031	0.000	85	70500	20.0	18.4	
34 2-Nitropropane	41	6.031	6.031	0.000	90	54322	40.0	33.0	
80 Epichlorohydrin	57	6.145	6.145	0.000	98	250766	400.0	392.4	
81 cis-1,3-Dichloropropene	75	6.214	6.214	0.000	89	176127	20.0	19.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.385	0.000	92	470498	100.0	85.1	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	98	732267	50.0	50.3	
83 Toluene	91	6.557	6.557	0.001	92	484487	20.0	19.8	
85 trans-1,3-Dichloropropene	75	6.957	6.957	0.000	94	153904	20.0	18.9	
86 Ethyl methacrylate	69	6.991	6.991	0.000	84	138269	20.0	18.4	
87 1,1,2-Trichloroethane	83	7.197	7.197	0.000	96	84408	20.0	20.4	
88 Tetrachloroethene	166	7.242	7.242	0.000	93	95293	20.0	19.5	
89 1,3-Dichloropropane	76	7.437	7.437	0.000	88	169248	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
91 2-Hexanone	43	7.505	7.505	0.000	92	324278	100.0	86.2	
92 n-Butyl acetate	43	7.643	7.642	0.000	95	145082	20.0	16.8	
90 Chlorodibromomethane	129	7.688	7.688	0.000	97	82173	20.0	18.3	
93 Ethylene Dibromide	107	7.848	7.848	0.000	98	96825	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	85	385755	50.0	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	96	283061	20.0	19.5	
97 Ethylbenzene	106	8.500	8.500	0.000	97	164635	20.0	20.4	
96 1,1,1,2-Tetrachloroethane	131	8.511	8.511	0.000	97	89118	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	95	195032	20.0	20.1	
99 n-Butyl acrylate	73	9.048	9.048	0.000	99	80338	20.0	17.2	
100 o-Xylene	106	9.060	9.060	0.000	95	188862	20.0	20.4	
101 Styrene	104	9.094	9.094	0.000	97	310435	20.0	19.7	
102 Amyl acetate (mixed isomers)	43	9.277	9.277	0.000	92	149105	20.0	16.6	
103 Bromoform	173	9.300	9.300	0.000	94	54417	20.0	18.9	
104 Isopropylbenzene	105	9.414	9.414	0.000	94	486040	20.0	20.3	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	163864	50.0	49.7	
107 Bromobenzene	156	9.734	9.734	0.000	95	97478	20.0	19.2	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	138038	20.0	19.0	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	577790	20.0	20.4	
115 1,2,3-Trichloropropane	110	9.826	9.825	0.001	97	39428	20.0	19.5	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	92	32783	20.0	17.5	
114 2-Chlorotoluene	91	9.906	9.905	0.001	94	381078	20.0	19.6	
113 4-Ethyltoluene	105	9.906	9.905	0.001	99	474985	20.0	20.2	
116 1,3,5-Trimethylbenzene	105	9.963	9.974	-0.011	93	385589	20.0	20.0	
110 4-Chlorotoluene	91	10.008	10.008	0.000	97	338144	20.0	19.5	
117 Butyl Methacrylate	87	10.066	10.065	0.001	84	126196	20.0	18.6	
118 tert-Butylbenzene	119	10.237	10.237	0.000	95	318559	20.0	19.4	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	97	386432	20.0	20.1	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	487429	20.0	20.7	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	98	405151	20.0	19.8	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	95	190406	20.0	18.4	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	179678	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.637	10.637	0.000	95	197519	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.649	10.648	0.001	99	399176	20.0	20.3	
125 Benzyl chloride	91	10.763	10.763	0.000	99	266962	20.0	19.6	
111 2,3-Dihydroindene	117	10.809	10.808	0.001	94	382736	20.0	19.8	
126 p-Diethylbenzene	119	10.866	10.866	0.000	95	199568	20.0	19.2	
127 n-Butylbenzene	92	10.877	10.877	0.000	97	205986	20.0	20.8	
128 1,2-Dichlorobenzene	146	10.946	10.946	0.000	96	182388	20.0	19.3	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	308333	20.0	18.5	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.563	0.000	98	26503	20.0	18.3	
132 1,3,5-Trichlorobenzene	180	11.666	11.666	0.000	97	111427	20.0	18.5	
131 1,2,4-Trichlorobenzene	180	12.134	12.134	0.000	95	96625	20.0	17.9	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	94	35831	20.0	18.9	
134 Naphthalene	128	12.317	12.317	0.000	99	326999	20.0	18.5	
135 1,2,3-Trichlorobenzene	180	12.489	12.489	0.000	96	91766	20.0	18.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.6	
S 137 Xylenes, Total	100				0		40.0	40.5	
S 138 1,3-Dichloropropene, Total	1				0		40.0	38.2	
S 139 Total BTEX	1				0		100.0	101.0	

[QC Flag Legend](#)

Processing Flags

[Reagents:](#)

GASES Li_00429	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00140	Amount Added: 20.00	Units: uL	
ACROLEIN W_00127	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04566.D

Injection Date: 15-Jul-2021 11:12:30

Instrument ID: CVOAMS7

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 3

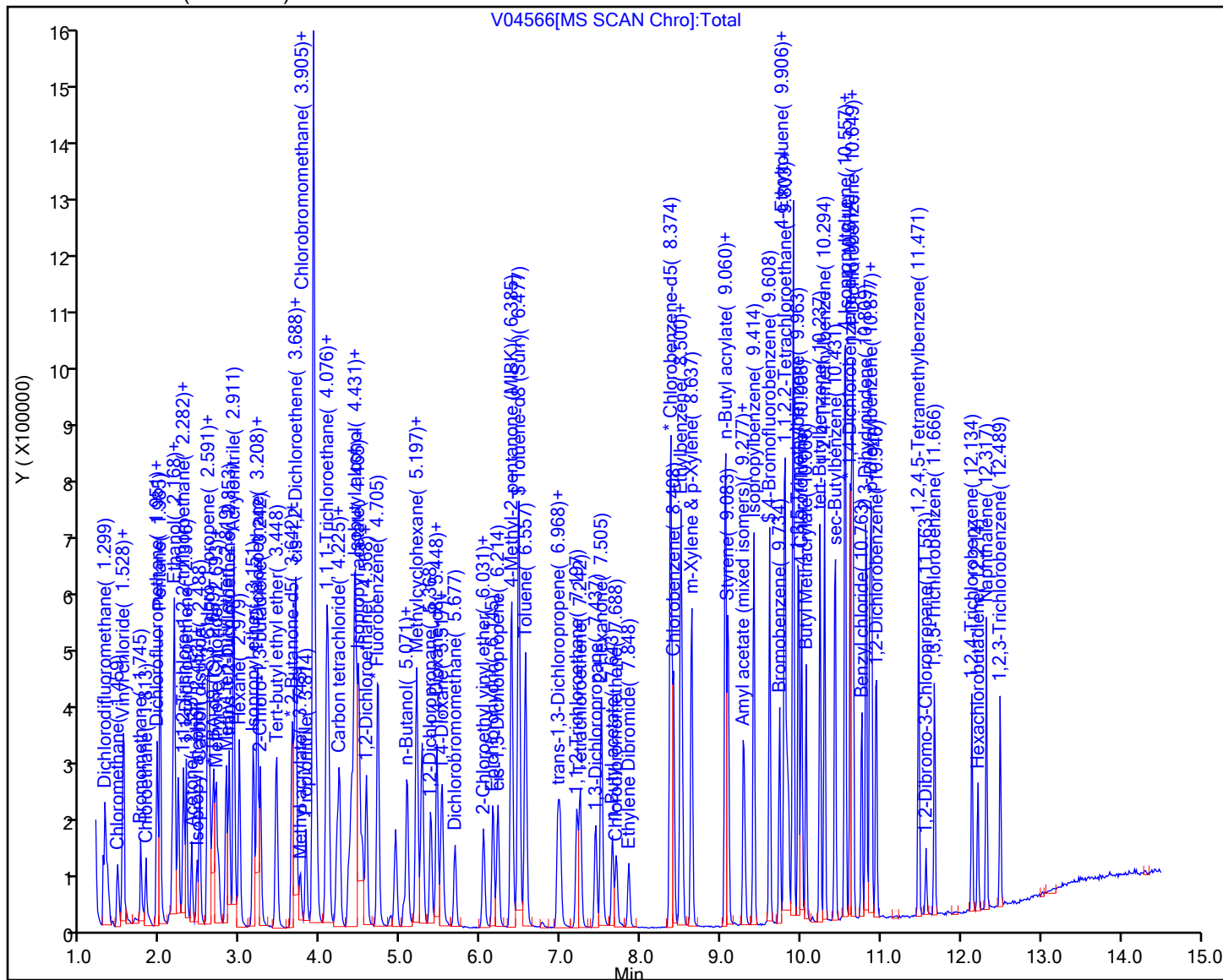
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-790298/4  
 Matrix: Water Lab File ID: V04545.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/14/2021 23:19  
 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.: 790298 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	20.7		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	20.6		1.0	0.33
99-87-6	4-Isopropyltoluene	19.7		1.0	0.37
71-43-2	Benzene	19.7		1.0	0.20
100-41-4	Ethylbenzene	19.5		1.0	0.30
98-82-8	Isopropylbenzene	19.5		1.0	0.34
1634-04-4	Methyl tert-butyl ether	17.9		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	19.8		1.0	0.30
91-20-3	Naphthalene	19.2		1.0	0.88
104-51-8	n-Butylbenzene	20.6		1.0	0.32
103-65-1	N-Propylbenzene	20.7		1.0	0.32
95-47-6	o-Xylene	19.5		1.0	0.36
135-98-8	sec-Butylbenzene	21.3		1.0	0.37
98-06-6	tert-Butylbenzene	19.8		1.0	0.34
108-88-3	Toluene	19.3		1.0	0.38
1330-20-7	Xylenes, Total	39.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\V04545.D  
 Lims ID: LCSD  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 14-Jul-2021 23:19:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCSD  
 Misc. Info.: 460-0131808-004  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jul-2021 12:02:18 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1658

First Level Reviewer: starzecm

Date: 15-Jul-2021 11:17:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.310	1.310	0.000	98	111102	20.0	13.2	
6 Chloromethane	50	1.459	1.459	0.000	99	138678	20.0	19.1	
7 Vinyl chloride	62	1.516	1.516	0.000	98	160344	20.0	19.9	
8 Butadiene	54	1.539	1.539	0.000	92	134889	20.0	16.9	
9 Bromomethane	94	1.756	1.745	0.011	99	91848	20.0	20.1	
10 Chloroethane	64	1.813	1.813	0.000	98	88035	20.0	22.2	
11 Dichlorofluoromethane	67	1.950	1.950	0.000	99	182002	20.0	18.2	
12 Trichlorofluoromethane	101	1.962	1.962	0.000	99	136202	20.0	15.9	
13 Pentane	72	1.996	1.996	0.000	96	31112	40.0	26.0	
17 Ethanol	46	2.110	2.110	0.000	99	20215	800.0	697.5	
14 Ethyl ether	74	2.145	2.145	0.000	93	69589	20.0	18.9	
15 2-Methyl-1,3-butadiene	53	2.168	2.167	0.001	90	83731	20.0	14.8	
18 112TCTFE	101	2.282	2.282	0.000	93	86574	20.0	15.7	
52 Acrolein	56	2.293	2.293	0.000	95	45064	40.6	33.4	
20 1,1-Dichloroethene	96	2.316	2.316	0.000	95	97992	20.0	18.0	
23 Acetone	43	2.385	2.385	0.000	89	148723	100.0	92.8	
21 Iodomethane	142	2.453	2.453	0.000	96	98630	20.0	18.0	
24 Isopropyl alcohol	45	2.453	2.453	0.000	56	55001	200.0	174.5	a
22 Carbon disulfide	76	2.488	2.487	0.001	98	334441	20.0	19.8	
30 Methyl acetate	43	2.579	2.579	0.000	96	167555	40.0	32.8	
26 3-Chloro-1-propene	76	2.579	2.579	0.000	92	65828	20.0	17.7	
25 Cyclopentene	67	2.602	2.602	0.000	95	271574	20.0	17.3	
27 Acetonitrile	40	2.636	2.636	0.000	98	84181	200.0	159.8	a
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	41893	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	85	110201	20.0	18.8	
31 2-Methyl-2-propanol	59	2.716	2.716	0.000	99	111261	200.0	194.0	
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	97	308801	20.0	17.9	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	91	112526	20.0	18.0	
35 Acrylonitrile	53	2.911	2.910	0.001	96	493467	200.0	183.6	
36 Hexane	57	2.979	2.979	0.000	88	109439	20.0	12.4	
37 Isopropyl ether	45	3.151	3.150	0.001	96	285742	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
40 Vinyl acetate	86	3.208	3.208	0.000	99	54332	40.0	37.9	
38 1,1-Dichloroethane	63	3.208	3.208	0.000	67	187832	20.0	17.5	
39 2-Chloro-1,3-butadiene	88	3.242	3.242	0.000	86	107134	20.0	18.9	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	90	299023	20.0	17.3	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	97	257749	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	96	35591	20.0	16.5	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	98	82732	100.0	99.9	
47 Ethyl acetate	70	3.688	3.688	0.000	94	30394	40.0	36.8	
45 cis-1,2-Dichloroethene	96	3.688	3.688	0.000	93	119910	20.0	17.2	
46 Methyl acrylate	55	3.745	3.745	0.000	100	101645	20.0	16.8	
48 Propionitrile	54	3.813	3.813	0.000	99	184124	200.0	204.0	
49 Chlorobromomethane	128	3.894	3.893	0.001	92	51495	20.0	18.1	
50 Tetrahydrofuran	72	3.894	3.893	0.001	80	38504	40.0	41.8	
54 Methacrylonitrile	67	3.905	3.905	0.000	88	573849	200.0	182.8	
51 Chloroform	83	3.951	3.951	0.001	98	170484	20.0	17.2	
53 Cyclohexane	84	4.076	4.076	0.000	85	164787	20.0	16.3	
55 1,1,1-Trichloroethane	97	4.076	4.088	-0.012	97	146554	20.0	16.7	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	154423	50.0	47.1	
57 Carbon tetrachloride	117	4.202	4.202	0.000	96	117394	20.0	16.3	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	98	149157	20.0	17.4	
61 Isobutyl alcohol	43	4.339	4.351	-0.012	96	125607	500.0	371.1	
64 Isooctane	57	4.385	4.385	0.000	99	211292	20.0	12.1	
59 Benzene	78	4.431	4.419	0.012	95	467130	20.0	19.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	94	144053	50.0	41.9	
66 Isopropyl acetate	61	4.465	4.465	0.000	96	50668	20.0	16.6	
62 Tert-amyl methyl ether	73	4.476	4.476	0.000	91	321429	20.0	17.9	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	95	109001	20.0	16.5	
65 n-Heptane	100	4.568	4.568	0.000	87	21081	20.0	13.0	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	515286	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	82	38709	500.0	294.6	
69 Trichloroethene	95	5.082	5.082	0.000	98	108934	20.0	18.5	
72 Methylcyclohexane	83	5.196	5.196	0.000	79	162654	20.0	15.2	
71 Ethyl acrylate	99	5.196	5.196	0.000	95	17819	20.0	16.8	a
73 1,2-Dichloropropane	63	5.368	5.368	0.000	94	106948	20.0	18.0	
* 68 1,4-Dioxane-d8	96	5.448	5.436	0.012	45	30308	1000.0	1000.0	
74 Methyl methacrylate	100	5.448	5.448	0.000	82	73608	40.0	38.2	
78 1,4-Dioxane	88	5.505	5.494	0.011	28	28787	400.0	395.4	
77 n-Propyl acetate	43	5.505	5.505	0.000	97	140099	20.0	15.4	
75 Dibromomethane	93	5.517	5.516	0.001	92	60425	20.0	17.8	
76 Dichlorobromomethane	83	5.677	5.676	0.001	99	125732	20.0	17.8	
79 2-Chloroethyl vinyl ether	63	6.042	6.031	0.011	83	70236	20.0	18.1	
34 2-Nitropropane	41	6.031	6.031	0.000	84	52689	40.0	31.6	
80 Epichlorohydrin	57	6.145	6.156	-0.011	98	239155	400.0	391.3	
81 cis-1,3-Dichloropropene	75	6.214	6.214	0.000	88	176440	20.0	19.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.385	0.000	93	470145	100.0	88.9	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	99	737125	50.0	49.6	
83 Toluene	91	6.557	6.556	0.001	93	480413	20.0	19.3	
85 trans-1,3-Dichloropropene	75	6.957	6.957	0.001	97	152409	20.0	18.3	
86 Ethyl methacrylate	69	6.991	6.991	0.000	87	136477	20.0	17.8	
87 1,1,2-Trichloroethane	83	7.197	7.197	0.000	96	81511	20.0	19.3	
88 Tetrachloroethene	166	7.242	7.242	0.000	94	93000	20.0	18.6	
89 1,3-Dichloropropane	76	7.437	7.437	0.000	87	173325	20.0	19.9	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 2-Hexanone	43	7.505	7.505	0.000	92	315287	100.0	87.7	
92 n-Butyl acetate	43	7.642	7.642	0.000	95	137389	20.0	15.5	
90 Chlorodibromomethane	129	7.688	7.699	-0.011	97	86555	20.0	18.8	
93 Ethylene Dibromide	107	7.848	7.848	0.000	99	97202	20.0	19.5	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	394242	50.0	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	96	288050	20.0	19.5	
97 Ethylbenzene	106	8.500	8.500	0.000	97	161191	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	8.511	8.511	0.000	97	86913	20.0	18.1	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	95	196734	20.0	19.8	
99 n-Butyl acrylate	73	9.048	9.048	0.000	98	80569	20.0	16.9	
100 o-Xylene	106	9.060	9.060	0.000	94	184000	20.0	19.5	
101 Styrene	104	9.094	9.094	0.000	99	318692	20.0	19.8	
102 Amyl acetate (mixed isomers)	43	9.277	9.277	0.000	94	152750	20.0	17.6	
103 Bromoform	173	9.300	9.300	0.000	95	52821	20.0	17.9	
104 Isopropylbenzene	105	9.414	9.414	0.000	94	477142	20.0	19.5	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	164022	50.0	48.7	
107 Bromobenzene	156	9.734	9.734	0.000	96	100014	20.0	20.3	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	137290	20.0	19.5	
109 N-Propylbenzene	91	9.803	9.803	0.001	99	568668	20.0	20.7	
115 1,2,3-Trichloropropane	110	9.826	9.825	0.001	97	38370	20.0	19.6	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	88	31519	20.0	17.4	
114 2-Chlorotoluene	91	9.906	9.905	0.001	94	383112	20.0	20.4	
113 4-Ethyltoluene	105	9.906	9.905	0.001	99	459052	20.0	20.2	
116 1,3,5-Trimethylbenzene	105	9.963	9.974	-0.011	93	383957	20.0	20.6	
110 4-Chlorotoluene	91	10.008	10.008	0.000	97	350181	20.0	20.9	
117 Butyl Methacrylate	87	10.066	10.065	0.001	84	126970	20.0	19.3	
118 tert-Butylbenzene	119	10.237	10.237	0.000	95	314479	20.0	19.8	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	97	384781	20.0	20.7	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	483492	20.0	21.3	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	98	390370	20.0	19.7	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	96	193075	20.0	19.3	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	96	173756	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.637	10.637	0.000	94	191032	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.648	10.648	0.000	100	388088	20.0	20.4	
125 Benzyl chloride	91	10.763	10.763	0.000	99	225926	20.0	17.1	
111 2,3-Dihydroindene	117	10.808	10.820	-0.012	94	375969	20.0	20.1	
126 p-Diethylbenzene	119	10.866	10.865	0.001	95	195340	20.0	19.4	
127 n-Butylbenzene	92	10.877	10.888	-0.011	97	198131	20.0	20.6	
128 1,2-Dichlorobenzene	146	10.946	10.945	0.001	96	180843	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	96	307904	20.0	19.1	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.563	0.000	97	26911	20.0	19.3	
132 1,3,5-Trichlorobenzene	180	11.666	11.666	0.000	96	108163	20.0	18.6	
131 1,2,4-Trichlorobenzene	180	12.134	12.134	0.000	94	95902	20.0	18.3	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	92	32055	20.0	17.5	
134 Naphthalene	128	12.317	12.317	0.000	99	327993	20.0	19.2	
135 1,2,3-Trichlorobenzene	180	12.489	12.488	0.001	95	89788	20.0	18.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.2	
S 137 Xylenes, Total	100				0		40.0	39.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.3	
S 139 Total BTEX	1				0		100.0	97.8	

[QC Flag Legend](#)

Processing Flags

Review Flags

a - User Assigned ID

[Reagents:](#)

GASES Li_00428	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00140	Amount Added: 20.00	Units: uL	
ACROLEIN W_00127	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210714-131808.b\04545.D

Injection Date: 14-Jul-2021 23:19:30

Instrument ID: CVOAMS7

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

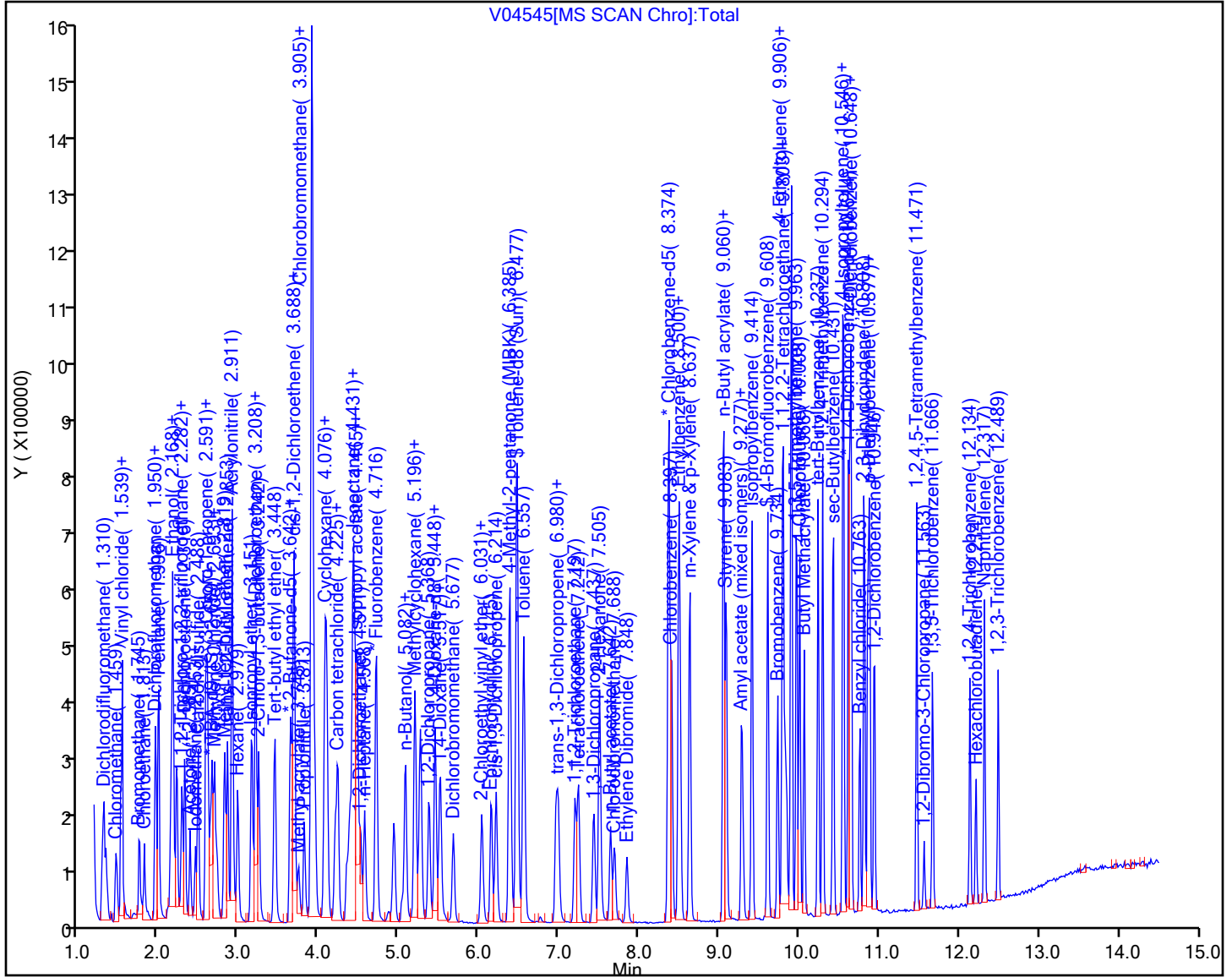
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20210712 MS Lab Sample ID: 460-238659-2 MS  
 Matrix: Water Lab File ID: V04577.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 11:25  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 15:11  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	21.2		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	20.9		1.0	0.33
99-87-6	4-Isopropyltoluene	22.6		1.0	0.37
71-43-2	Benzene	22.9		1.0	0.20
100-41-4	Ethylbenzene	28.1		1.0	0.30
98-82-8	Isopropylbenzene	21.9		1.0	0.34
1634-04-4	Methyl tert-butyl ether	19.5		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	33.9		1.0	0.30
91-20-3	Naphthalene	24.2		1.0	0.88
104-51-8	n-Butylbenzene	21.7		1.0	0.32
103-65-1	N-Propylbenzene	21.8		1.0	0.32
95-47-6	o-Xylene	30.1		1.0	0.36
135-98-8	sec-Butylbenzene	21.9		1.0	0.37
98-06-6	tert-Butylbenzene	20.5		1.0	0.34
108-88-3	Toluene	27.2		1.0	0.38
1330-20-7	Xylenes, Total	64.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		75-123
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\VO4577.D

Lims ID: 460-238659-A-2 MS

Client ID: MW-02\_20210712

Sample Type: MS

Inject. Date: 15-Jul-2021 15:11:30

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Sample Info: 460-238659-A-2 MS

Misc. Info.: 460-0131858-014

Operator ID:

Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m

Limit Group: VOA - 8260D Water and Solid

Last Update: 15-Jul-2021 15:38:49

Calib Date: 04-Jun-2021 15:04:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\VO2686.D

Column 1 : Rtx-624 ( 0.25 mm)

Det: MS Quad

Process Host: CTX1636

First Level Reviewer: starzecm

Date: 15-Jul-2021 15:38:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.287	1.276	0.011	82	46892		20.7	
5 Dichlorodifluoromethane	85	1.310	1.299	0.011	98	137032	20.0	18.0	
4 1,1-Difluoroethane	65	1.299	1.333	-0.034	92	310837		116.2	
2 Chlorodifluoromethane	67	1.333	1.333	0.000	96	16526		18.4	a
6 Chloromethane	50	1.459	1.459	0.000	100	126344	20.0	19.2	
7 Vinyl chloride	62	1.516	1.516	0.000	98	150449	20.0	20.6	
8 Butadiene	54	1.539	1.527	0.012	92	128180	20.0	17.8	
9 Bromomethane	94	1.756	1.745	0.011	99	77499	20.0	19.3	
10 Chloroethane	64	1.813	1.813	0.000	98	95701	20.0	27.4	
11 Dichlorofluoromethane	67	1.950	1.939	0.011	99	174062	20.0	19.2	
12 Trichlorofluoromethane	101	1.962	1.950	0.012	98	140665	20.0	18.1	
13 Pentane	72	1.996	1.985	0.011	96	40768	40.0	37.7	
17 Ethanol	46	2.110	2.110	0.000	98	20213	800.0	764.5	
14 Ethyl ether	74	2.145	2.145	0.000	93	65236	20.0	19.6	
15 2-Methyl-1,3-butadiene	53	2.168	2.156	0.012	90	84568	20.0	16.6	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	86	88243		20.9	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.213	2.213	0.000	97	142721		19.4	
18 1,1,2,2-TCTFE	101	2.282	2.282	0.000	95	96596	20.0	19.3	
52 Acrolein	56	2.293	2.293	0.000	95	45969	40.6	37.4	
20 1,1-Dichloroethene	96	2.316	2.316	0.000	95	98075	20.0	19.9	
23 Acetone	43	2.385	2.385	0.000	89	149296	100.0	105.7	
24 Isopropyl alcohol	45	2.453	2.442	0.011	59	62281	200.0	216.6	a
21 Iodomethane	142	2.453	2.453	0.000	95	97869	20.0	19.7	
22 Carbon disulfide	76	2.488	2.488	0.000	98	323384	20.0	21.2	
30 Methyl acetate	43	2.579	2.579	0.000	97	167837	40.0	36.3	
26 3-Chloro-1-propene	76	2.579	2.579	0.000	91	65359	20.0	19.5	
25 Cyclopentene	67	2.602	2.602	0.000	97	276807	20.0	19.4	
27 Acetonitrile	40	2.602	2.636	-0.034	64	30454	200.0	65.6	
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	38213	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	84	111853	20.0	21.1	
31 2-Methyl-2-propanol	59	2.716	2.716	0.000	99	120946	200.0	231.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	96	304863	20.0	19.5	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	91	108535	20.0	19.2	
35 Acrylonitrile	53	2.910	2.910	0.000	95	485870	200.0	199.8	
36 Hexane	57	2.979	2.979	0.000	89	141639	20.0	17.7	
37 Isopropyl ether	45	3.150	3.150	0.000	95	267169	20.0	16.6	
38 1,1-Dichloroethane	63	3.208	3.196	0.012	66	184943	20.0	19.1	
40 Vinyl acetate	86	3.208	3.208	0.000	99	54221	40.0	42.9	
39 2-Chloro-1,3-butadiene	88	3.242	3.242	0.000	86	101660	20.0	19.8	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	91	291839	20.0	18.7	
* 42 2-Butanone-d5	46	3.631	3.630	0.001	98	226985	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	95	36448	20.0	18.7	
45 cis-1,2-Dichloroethene	96	3.688	3.676	0.012	93	114072	20.0	18.0	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	98	86980	100.0	119.3	
47 Ethyl acetate	70	3.688	3.688	0.000	94	31085	40.0	42.7	
46 Methyl acrylate	55	3.745	3.745	0.000	100	102724	20.0	18.7	
48 Propionitrile	54	3.813	3.813	0.000	99	187645	200.0	227.9	
49 Chlorobromomethane	128	3.893	3.893	0.000	90	50717	20.0	19.7	
50 Tetrahydrofuran	72	3.893	3.893	0.000	86	50205	40.0	61.9	
54 Methacrylonitrile	67	3.905	3.905	0.000	88	575698	200.0	202.7	
51 Chloroform	83	3.939	3.939	0.000	99	170789	20.0	19.1	
53 Cyclohexane	84	4.076	4.076	0.000	85	197939	20.0	21.7	
55 1,1,1-Trichloroethane	97	4.088	4.076	0.012	97	143328	20.0	18.0	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	97	133885	50.0	45.1	
57 Carbon tetrachloride	117	4.202	4.202	0.000	96	111929	20.0	17.2	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	98	148427	20.0	19.2	
61 Isobutyl alcohol	43	4.339	4.339	0.000	96	140867	500.0	456.3	
64 Isooctane	57	4.385	4.385	0.000	99	291067	20.0	18.5	
59 Benzene	78	4.431	4.419	0.012	95	492296	20.0	22.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	93	122179	50.0	39.3	
66 Isopropyl acetate	61	4.465	4.465	0.000	97	53370	20.0	19.5	
62 Tert-amyl methyl ether	73	4.476	4.476	0.000	91	310487	20.0	19.1	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	97	110264	20.0	18.4	
65 n-Heptane	100	4.568	4.568	0.000	86	31224	20.0	21.2	
* 67 Fluorobenzene	96	4.716	4.716	0.000	99	466122	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	83	45048	500.0	376.2	
69 Trichloroethene	95	5.071	5.082	-0.011	97	102819	20.0	19.3	
72 Methylcyclohexane	83	5.196	5.196	0.000	81	199029	20.0	20.6	
71 Ethyl acrylate	99	5.196	5.196	0.000	95	19436	20.0	20.3	
73 1,2-Dichloropropane	63	5.368	5.368	0.000	95	101318	20.0	18.8	
* 68 1,4-Dioxane-d8	96	5.436	5.448	-0.012	46	28816	1000.0	1000.0	
74 Methyl methacrylate	100	5.448	5.448	0.000	81	66999	40.0	38.5	
78 1,4-Dioxane	88	5.494	5.494	0.000	33	27046	400.0	390.8	
77 n-Propyl acetate	43	5.505	5.505	0.000	98	137431	20.0	16.7	
75 Dibromomethane	93	5.516	5.516	0.000	90	58698	20.0	19.2	
76 Dichlorobromomethane	83	5.676	5.676	0.000	98	121485	20.0	19.0	
34 2-Nitropropane	41	6.031	6.031	0.000	97	49946	40.0	33.1	
80 Epichlorohydrin	57	6.145	6.145	0.000	98	228899	400.0	425.3	
81 cis-1,3-Dichloropropene	75	6.214	6.214	0.000	87	166912	20.0	19.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.385	0.000	93	484200	100.0	103.9	
\$ 82 Toluene-d8 (Surr)	98	6.477	6.476	0.001	99	647824	50.0	47.9	
83 Toluene	91	6.557	6.557	0.001	93	617217	20.0	27.2	
85 trans-1,3-Dichloropropene	75	6.957	6.957	0.000	96	146883	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.991	6.991	0.000	85	136624	20.0	19.6	
87 1,1,2-Trichloroethane	83	7.197	7.197	0.000	96	79051	20.0	20.6	
88 Tetrachloroethene	166	7.242	7.242	0.000	93	91155	20.0	20.0	
89 1,3-Dichloropropane	76	7.437	7.437	0.000	88	164909	20.0	20.8	
91 2-Hexanone	43	7.505	7.505	0.000	91	317017	100.0	100.1	
92 n-Butyl acetate	43	7.642	7.642	0.000	96	143173	20.0	17.8	
90 Chlorodibromomethane	129	7.700	7.688	0.012	98	82321	20.0	19.7	
93 Ethylene Dibromide	107	7.848	7.848	0.000	98	93845	20.0	20.7	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	84	358654	50.0	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	96	289259	20.0	21.5	
97 Ethylbenzene	106	8.500	8.500	0.000	97	211307	20.0	28.1	
96 1,1,1,2-Tetrachloroethane	131	8.511	8.511	0.000	97	83764	20.0	19.1	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	95	306411	20.0	33.9	
99 n-Butyl acrylate	73	9.048	9.048	0.000	99	79911	20.0	18.4	
100 o-Xylene	106	9.060	9.060	0.000	95	258658	20.0	30.1	
101 Styrene	104	9.083	9.094	-0.012	97	310097	20.0	21.1	
102 Amyl acetate (mixed isomers)	43	9.277	9.277	0.000	92	153281	20.0	18.6	
103 Bromoform	173	9.300	9.300	0.000	96	51755	20.0	19.3	
104 Isopropylbenzene	105	9.414	9.414	0.000	94	488141	20.0	21.9	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	145103	50.0	47.3	
107 Bromobenzene	156	9.734	9.734	0.000	96	92801	20.0	19.9	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	99	131927	20.0	19.8	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	567105	20.0	21.8	
115 1,2,3-Trichloropropane	110	9.825	9.825	0.000	97	39144	20.0	21.2	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	89	31988	20.0	18.6	
114 2-Chlorotoluene	91	9.905	9.905	0.000	95	376766	20.0	21.2	
113 4-Ethyltoluene	105	9.905	9.905	0.000	99	456206	20.0	21.2	
116 1,3,5-Trimethylbenzene	105	9.963	9.974	-0.011	93	370009	20.0	20.9	
110 4-Chlorotoluene	91	10.008	10.008	0.000	97	326353	20.0	20.6	
117 Butyl Methacrylate	87	10.065	10.065	0.000	85	122377	20.0	19.7	
118 tert-Butylbenzene	119	10.237	10.237	0.000	95	308198	20.0	20.5	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	97	373335	20.0	21.2	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	471743	20.0	21.9	
121 4-Isopropyltoluene	119	10.546	10.545	0.001	98	423382	20.0	22.6	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	95	185425	20.0	19.6	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	95	164600	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.637	10.637	0.000	92	184309	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	10.648	10.648	0.000	100	385636	20.0	21.4	
125 Benzyl chloride	91	10.763	10.763	0.000	99	250402	20.0	20.1	
111 2,3-Dihydroindene	117	10.808	10.808	0.000	94	430810	20.0	24.4	
126 p-Diethylbenzene	119	10.866	10.866	0.000	94	200602	20.0	21.1	
127 n-Butylbenzene	92	10.877	10.877	0.000	97	197061	20.0	21.7	
128 1,2-Dichlorobenzene	146	10.946	10.946	0.000	96	174551	20.0	20.2	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	316221	20.0	20.7	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.563	0.000	98	24857	20.0	18.8	
132 1,3,5-Trichlorobenzene	180	11.666	11.666	0.000	96	108460	20.0	19.7	
131 1,2,4-Trichlorobenzene	180	12.134	12.134	0.000	94	92737	20.0	18.7	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	93	34295	20.0	19.8	
134 Naphthalene	128	12.317	12.317	0.000	99	391362	20.0	24.2	
135 1,2,3-Trichlorobenzene	180	12.489	12.489	0.000	97	88971	20.0	19.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 137 Xylenes, Total	100				0		40.0	64.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	142.2	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

GASES Li_00429	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00140	Amount Added: 20.00	Units: uL	
ACROLEIN W_00127	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04577.D

Injection Date: 15-Jul-2021 15:11:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2 MS

Client ID: MW-02 20210712

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

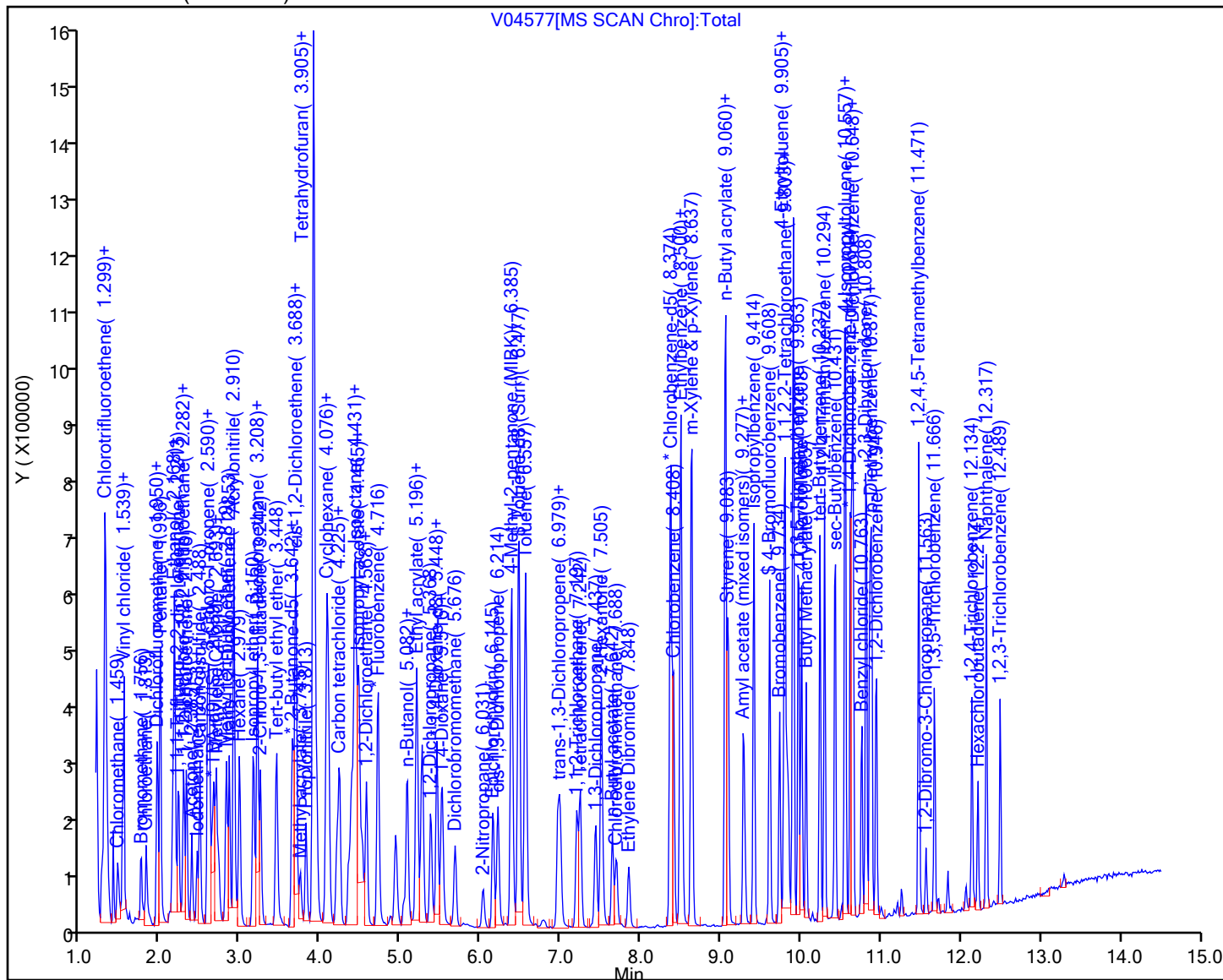
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W 7

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20210712 MSD Lab Sample ID: 460-238659-2 MSD  
 Matrix: Water Lab File ID: V04578.D  
 Analysis Method: 8260D Date Collected: 07/12/2021 11:25  
 Sample wt/vol: 5 (mL) Date Analyzed: 07/15/2021 15:33  
 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.: 790464 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	22.0		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	22.2		1.0	0.33
99-87-6	4-Isopropyltoluene	23.9		1.0	0.37
71-43-2	Benzene	23.9		1.0	0.20
100-41-4	Ethylbenzene	29.4		1.0	0.30
98-82-8	Isopropylbenzene	22.5		1.0	0.34
1634-04-4	Methyl tert-butyl ether	19.8		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	35.2		1.0	0.30
91-20-3	Naphthalene	24.8		1.0	0.88
104-51-8	n-Butylbenzene	22.8		1.0	0.32
103-65-1	N-Propylbenzene	22.6		1.0	0.32
95-47-6	o-Xylene	31.1		1.0	0.36
135-98-8	sec-Butylbenzene	23.0		1.0	0.37
98-06-6	tert-Butylbenzene	21.9		1.0	0.34
108-88-3	Toluene	28.3		1.0	0.38
1330-20-7	Xylenes, Total	66.2		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80		75-123
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\V04578.D  
 Lims ID: 460-238659-A-2 MSD  
 Client ID: MW-02\_20210712  
 Sample Type: MSD  
 Inject. Date: 15-Jul-2021 15:33:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-238659-A-2 MSD  
 Misc. Info.: 460-0131858-015  
 Operator ID: Instrument ID: CVOAMS7  
 Method: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\8260W\_7.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jul-2021 13:20:31 Calib Date: 04-Jun-2021 15:04:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210604-129741.b\V02686.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad  
 Process Host: CTX1643

First Level Reviewer: starzecm

Date: 15-Jul-2021 15:58:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.287	1.276	0.011	86	54902		23.8	
5 Dichlorodifluoromethane	85	1.310	1.299	0.011	97	134762	20.0	17.4	
4 1,1-Difluoroethane	65	1.299	1.333	-0.034	93	326480		119.9	
2 Chlorodifluoromethane	67	1.345	1.333	0.012	93	17795		19.4	a
6 Chloromethane	50	1.459	1.459	0.000	99	134179	20.0	20.1	
7 Vinyl chloride	62	1.516	1.516	0.000	97	159285	20.0	21.4	
8 Butadiene	54	1.539	1.527	0.012	93	143941	20.0	19.6	
9 Bromomethane	94	1.756	1.745	0.011	98	83118	20.0	21.4	
10 Chloroethane	64	1.813	1.813	0.000	97	107480	20.0	31.9	
11 Dichlorofluoromethane	67	1.950	1.939	0.011	98	175677	20.0	19.1	
12 Trichlorofluoromethane	101	1.962	1.950	0.012	99	148637	20.0	18.8	
13 Pentane	72	1.996	1.985	0.011	95	44132	40.0	40.1	
17 Ethanol	46	2.110	2.110	0.000	99	24096	800.0	900.7	
14 Ethyl ether	74	2.145	2.145	0.000	94	68231	20.0	20.1	
15 2-Methyl-1,3-butadiene	53	2.167	2.156	0.011	87	91864	20.0	17.7	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.179	2.179	0.000	85	86983		20.2	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	2.225	2.213	0.012	96	144697		19.4	
18 1,1,2,2-Tetrachloroethane	101	2.282	2.282	0.000	94	98386	20.0	19.3	
52 Acrolein	56	2.293	2.293	0.000	92	46155	40.6	37.1	
20 1,1-Dichloroethene	96	2.328	2.316	0.012	94	104802	20.0	20.9	
23 Acetone	43	2.385	2.385	0.000	88	159249	100.0	116.6	
24 Isopropyl alcohol	45	2.453	2.442	0.011	61	68247	200.0	234.6	a
21 Iodomethane	142	2.453	2.453	0.000	96	103488	20.0	20.5	
22 Carbon disulfide	76	2.488	2.488	0.000	98	346473	20.0	22.3	
30 Methyl acetate	43	2.590	2.579	0.011	96	172354	40.0	36.6	
26 3-Chloro-1-propene	76	2.579	2.579	0.000	92	72518	20.0	21.2	
25 Cyclopentene	67	2.602	2.602	0.000	96	294272	20.0	20.3	
27 Acetonitrile	40	2.636	2.636	0.000	100	86590	200.0	193.0	
* 28 TBA-d9 (IS)	66	2.659	2.659	0.000	99	38668	1000.0	1000.0	
29 Methylene Chloride	84	2.693	2.693	0.000	84	116728	20.0	21.7	
31 2-Methyl-2-propanol	59	2.728	2.716	0.012	99	128947	200.0	243.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	2.819	2.819	0.000	96	314439	20.0	19.8	
33 trans-1,2-Dichloroethene	96	2.853	2.853	0.000	90	114595	20.0	19.9	
35 Acrylonitrile	53	2.910	2.910	0.000	96	506628	200.0	204.8	
36 Hexane	57	2.979	2.979	0.000	88	150021	20.0	18.5	
37 Isopropyl ether	45	3.162	3.150	0.012	96	283669	20.0	17.3	
38 1,1-Dichloroethane	63	3.208	3.196	0.012	66	188448	20.0	19.1	
40 Vinyl acetate	86	3.208	3.208	0.000	99	58047	40.0	47.5	
39 2-Chloro-1,3-butadiene	88	3.242	3.242	0.000	86	107569	20.0	20.6	
41 Tert-butyl ethyl ether	59	3.448	3.448	0.000	91	292313	20.0	18.4	
* 42 2-Butanone-d5	46	3.642	3.630	0.012	97	219482	250.0	250.0	
43 2,2-Dichloropropane	97	3.653	3.653	0.000	95	36048	20.0	18.2	
45 cis-1,2-Dichloroethene	96	3.688	3.676	0.012	94	122872	20.0	19.1	
44 2-Butanone (MEK)	72	3.688	3.688	0.000	98	88024	100.0	124.9	
47 Ethyl acetate	70	3.688	3.688	0.000	95	32994	40.0	46.9	
46 Methyl acrylate	55	3.745	3.745	0.000	100	103349	20.0	18.5	
48 Propionitrile	54	3.813	3.813	0.000	99	187076	200.0	224.5	
49 Chlorobromomethane	128	3.905	3.893	0.012	87	51998	20.0	19.9	
50 Tetrahydrofuran	72	3.893	3.893	0.000	85	50871	40.0	64.9	
54 Methacrylonitrile	67	3.916	3.905	0.011	88	589221	200.0	203.9	
51 Chloroform	83	3.951	3.939	0.012	99	175422	20.0	19.2	
53 Cyclohexane	84	4.076	4.076	0.000	87	198049	20.0	21.3	
55 1,1,1-Trichloroethane	97	4.088	4.076	0.012	96	152615	20.0	18.9	
\$ 56 Dibromofluoromethane (Surr)	113	4.099	4.099	0.000	96	134699	50.0	44.6	
57 Carbon tetrachloride	117	4.202	4.202	0.000	95	123066	20.0	18.6	
58 1,1-Dichloropropene	75	4.236	4.236	0.000	98	158935	20.0	20.2	
61 Isobutyl alcohol	43	4.351	4.339	0.012	92	148933	500.0	476.8	
64 Isooctane	57	4.385	4.385	0.000	100	308144	20.0	19.2	
59 Benzene	78	4.431	4.419	0.012	95	522924	20.0	23.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.442	4.442	0.000	93	125896	50.0	39.8	
66 Isopropyl acetate	61	4.465	4.465	0.000	96	51116	20.0	18.3	
62 Tert-amyl methyl ether	73	4.476	4.476	0.000	93	311134	20.0	18.8	
63 1,2-Dichloroethane	62	4.522	4.522	0.000	96	115625	20.0	19.0	
65 n-Heptane	100	4.568	4.568	0.000	85	31680	20.0	21.2	
* 67 Fluorobenzene	96	4.716	4.716	0.000	100	474182	50.0	50.0	
70 n-Butanol	56	5.036	5.036	0.000	82	53452	500.0	441.4	
69 Trichloroethene	95	5.082	5.082	0.000	97	107975	20.0	19.9	
72 Methylcyclohexane	83	5.196	5.196	0.000	82	210704	20.0	21.4	
71 Ethyl acrylate	99	5.196	5.196	0.000	95	19761	20.0	20.3	
73 1,2-Dichloropropane	63	5.379	5.368	0.011	95	104048	20.0	19.0	
* 68 1,4-Dioxane-d8	96	5.448	5.448	0.000	46	28633	1000.0	1000.0	
74 Methyl methacrylate	100	5.448	5.448	0.000	82	72907	40.0	41.1	
78 1,4-Dioxane	88	5.505	5.494	0.011	31	30268	400.0	440.1	
77 n-Propyl acetate	43	5.505	5.505	0.000	96	140542	20.0	16.8	
75 Dibromomethane	93	5.516	5.516	0.000	94	62939	20.0	20.2	
76 Dichlorobromomethane	83	5.676	5.676	0.000	98	124987	20.0	19.2	
34 2-Nitropropane	41	6.031	6.031	0.000	96	50384	40.0	32.8	
80 Epichlorohydrin	57	6.156	6.145	0.011	98	229968	400.0	441.9	
81 cis-1,3-Dichloropropene	75	6.214	6.214	0.000	88	178003	20.0	20.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.385	6.385	0.000	92	494297	100.0	109.7	
\$ 82 Toluene-d8 (Surr)	98	6.476	6.476	0.000	99	673791	50.0	49.0	
83 Toluene	91	6.556	6.557	0.000	92	652968	20.0	28.3	
85 trans-1,3-Dichloropropene	75	6.957	6.957	0.000	97	155073	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.991	6.991	0.000	86	138120	20.0	19.5	
87 1,1,2-Trichloroethane	83	7.197	7.197	0.000	96	82433	20.0	21.1	
88 Tetrachloroethene	166	7.242	7.242	0.000	93	95310	20.0	20.6	
89 1,3-Dichloropropane	76	7.437	7.437	0.000	88	169165	20.0	21.0	
91 2-Hexanone	43	7.505	7.505	0.000	91	338961	100.0	110.7	
92 n-Butyl acetate	43	7.642	7.642	0.000	95	146011	20.0	17.9	
90 Chlorodibromomethane	129	7.699	7.688	0.011	98	83688	20.0	19.7	
93 Ethylene Dibromide	107	7.848	7.848	0.000	97	98483	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.374	8.374	0.000	87	364495	50.0	50.0	
95 Chlorobenzene	112	8.408	8.408	0.000	96	303318	20.0	22.2	
97 Ethylbenzene	106	8.500	8.500	0.000	97	224244	20.0	29.4	
96 1,1,1,2-Tetrachloroethane	131	8.511	8.511	0.000	97	85532	20.0	19.2	
98 m-Xylene & p-Xylene	106	8.637	8.637	0.000	95	323226	20.0	35.2	
99 n-Butyl acrylate	73	9.048	9.048	0.000	99	85705	20.0	19.4	
100 o-Xylene	106	9.060	9.060	0.000	94	271256	20.0	31.1	
101 Styrene	104	9.094	9.094	0.000	97	320497	20.0	21.5	
102 Amyl acetate (mixed isomers)	43	9.277	9.277	0.000	93	156209	20.0	18.8	
103 Bromoform	173	9.300	9.300	0.000	95	53615	20.0	19.7	
104 Isopropylbenzene	105	9.414	9.414	0.000	95	508678	20.0	22.5	
\$ 105 4-Bromofluorobenzene	174	9.608	9.608	0.000	0	146900	50.0	47.1	
107 Bromobenzene	156	9.734	9.734	0.000	95	98538	20.0	20.9	
108 1,1,2,2-Tetrachloroethane	83	9.791	9.791	0.000	100	142619	20.0	21.2	
109 N-Propylbenzene	91	9.803	9.803	0.000	99	591716	20.0	22.6	
115 1,2,3-Trichloropropane	110	9.825	9.825	0.000	97	41421	20.0	22.2	
112 trans-1,4-Dichloro-2-butene	53	9.848	9.848	0.000	88	32307	20.0	18.6	
114 2-Chlorotoluene	91	9.905	9.905	0.000	89	400704	20.0	22.3	
113 4-Ethyltoluene	105	9.905	9.905	0.000	90	480691	20.0	22.1	
116 1,3,5-Trimethylbenzene	105	9.963	9.974	-0.011	93	396158	20.0	22.2	
110 4-Chlorotoluene	91	10.008	10.008	0.000	97	345575	20.0	21.5	
117 Butyl Methacrylate	87	10.065	10.065	0.000	84	130324	20.0	20.7	
118 tert-Butylbenzene	119	10.237	10.237	0.000	95	332639	20.0	21.9	
119 1,2,4-Trimethylbenzene	105	10.294	10.294	0.000	97	391507	20.0	22.0	
120 sec-Butylbenzene	105	10.431	10.431	0.000	100	501539	20.0	23.0	
121 4-Isopropyltoluene	119	10.545	10.545	0.000	98	452110	20.0	23.9	
122 1,3-Dichlorobenzene	146	10.557	10.557	0.000	96	198389	20.0	20.7	
* 106 1,4-Dichlorobenzene-d4	152	10.614	10.614	0.000	96	166217	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.637	10.637	0.000	93	199435	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	10.648	10.648	0.000	99	395875	20.0	21.7	
125 Benzyl chloride	91	10.763	10.763	0.000	99	255382	20.0	20.3	
111 2,3-Dihydroindene	117	10.808	10.808	0.000	95	454152	20.0	25.4	
126 p-Diethylbenzene	119	10.865	10.866	-0.001	93	204468	20.0	21.3	
127 n-Butylbenzene	92	10.877	10.877	0.000	98	209058	20.0	22.8	
128 1,2-Dichlorobenzene	146	10.946	10.946	0.000	95	182531	20.0	20.9	
130 1,2,4,5-Tetramethylbenzene	119	11.471	11.471	0.000	97	328053	20.0	21.3	
129 1,2-Dibromo-3-Chloropropane	157	11.563	11.563	0.000	98	25673	20.0	19.2	
132 1,3,5-Trichlorobenzene	180	11.666	11.666	0.000	97	110456	20.0	19.9	
131 1,2,4-Trichlorobenzene	180	12.134	12.134	0.000	93	98762	20.0	19.7	
133 Hexachlorobutadiene	225	12.214	12.214	0.000	92	34683	20.0	19.8	
134 Naphthalene	128	12.317	12.317	0.000	99	404504	20.0	24.8	
135 1,2,3-Trichlorobenzene	180	12.489	12.489	-0.001	95	94437	20.0	20.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 137 Xylenes, Total	100				0		40.0	66.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.8	
S 139 Total BTEX	1				0		100.0	147.8	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

GASES Li_00429	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00140	Amount Added: 20.00	Units: uL	
ACROLEIN W_00127	Amount Added: 4.00	Units: uL	
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00218	Amount Added: 1.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210715-131858.b\04578.D

Injection Date: 15-Jul-2021 15:33:30

Instrument ID: CVOAMS7

Lims ID: 460-238659-A-2 MSD

Client ID: MW-02\_20210712

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

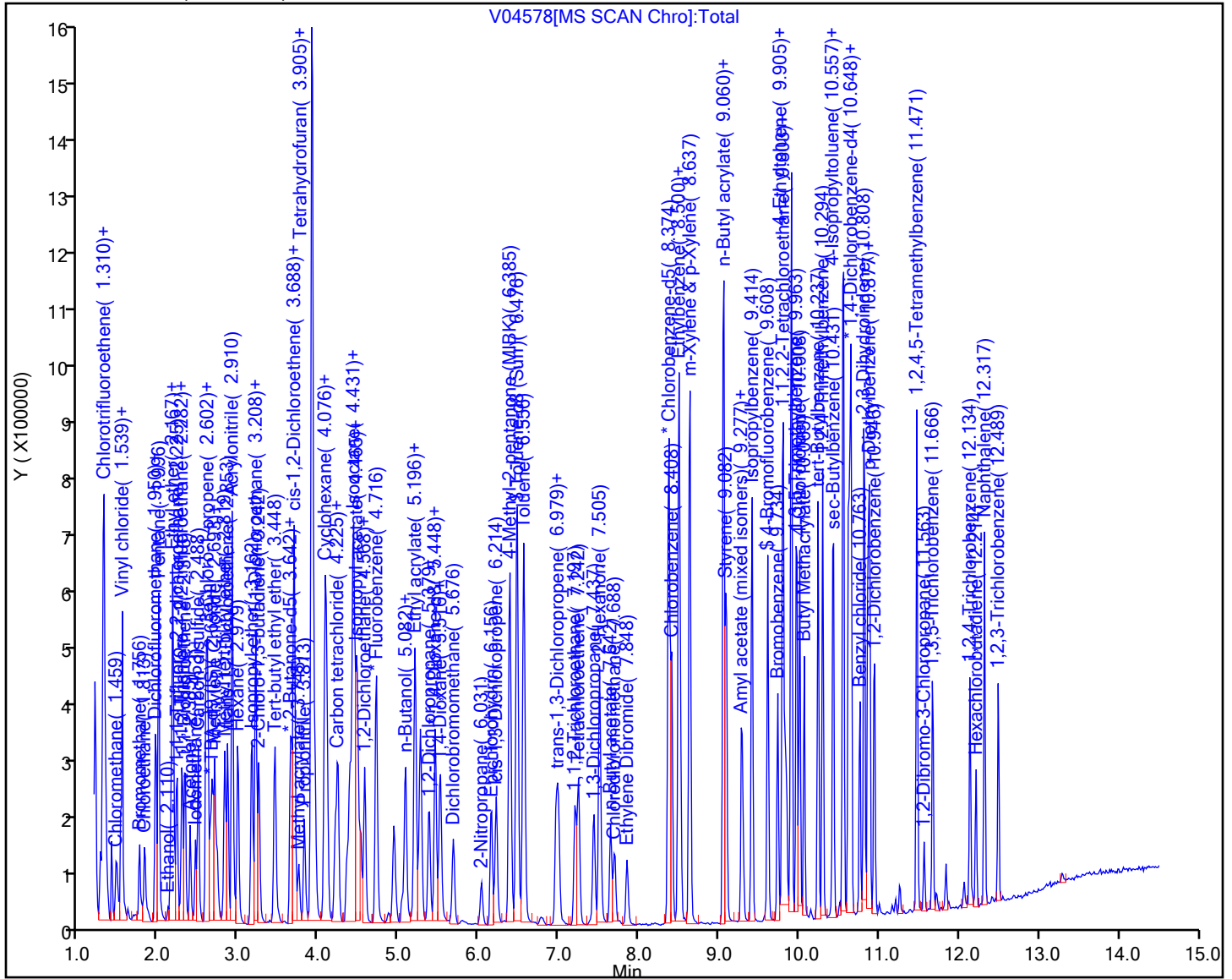
1.0000

Method: 8260W\_7

Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7 Start Date: 06/04/2021 11:40Analysis Batch Number: 782268 End Date: 06/04/2021 16:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-782268/1		06/04/2021 11:40	1	V02677.D	Rtx-624 0.25 (mm)
STD7 460-782268/4 IC		06/04/2021 12:47	1	V02680.D	Rtx-624 0.25 (mm)
STD1 460-782268/5 IC		06/04/2021 13:10	1	V02681.D	Rtx-624 0.25 (mm)
STD5 460-782268/6 IC		06/04/2021 13:33	1	V02682.D	Rtx-624 0.25 (mm)
STD20 460-782268/7 ICIS		06/04/2021 13:56	1	V02683.D	Rtx-624 0.25 (mm)
STD50 460-782268/8 IC		06/04/2021 14:18	1	V02684.D	Rtx-624 0.25 (mm)
STD200 460-782268/9 IC		06/04/2021 14:41	1	V02685.D	Rtx-624 0.25 (mm)
STD500 460-782268/10 IC		06/04/2021 15:04	1	V02686.D	Rtx-624 0.25 (mm)
ICV 460-782268/14		06/04/2021 16:35	1	V02690.D	Rtx-624 0.25 (mm)



## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-238659-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS7Start Date: 07/14/2021 22:36Analysis Batch Number: 790298End Date: 07/15/2021 10:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-790298/2		07/14/2021 22:36	1	V04543.D	Rtx-624 0.25 (mm)
LCS 460-790298/3		07/14/2021 22:57	1	V04544.D	Rtx-624 0.25 (mm)
LCSD 460-790298/4		07/14/2021 23:19	1	V04545.D	Rtx-624 0.25 (mm)
MB 460-790298/7		07/15/2021 00:24	1	V04548.D	Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 00:45	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 01:07	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 01:29	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 01:51	1		Rtx-624 0.25 (mm)
460-238659-4	TB_20210712	07/15/2021 02:12	1	V04553.D	Rtx-624 0.25 (mm)
460-238659-5	FB_20210712	07/15/2021 02:34	1	V04554.D	Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 02:56	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 03:17	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 03:39	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 08:52	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 09:35	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 09:57	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 10:19	5		Rtx-624 0.25 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-238659-1

SDG No.:

Instrument ID: CVOAMS7

Start Date: 07/15/2021 10:50

Analysis Batch Number: 790464

End Date: 07/15/2021 20:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-790464/2		07/15/2021 10:50	1	V04565.D	Rtx-624 0.25 (mm)
LCS 460-790464/3		07/15/2021 11:12	1	V04566.D	Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 11:33	1		Rtx-624 0.25 (mm)
MB 460-790464/7		07/15/2021 12:39	1	V04570.D	Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 13:00	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 13:22	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 13:44	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 14:49	10		Rtx-624 0.25 (mm)
460-238659-2 MS	MW-02_20210712 MS	07/15/2021 15:11	1	V04577.D	Rtx-624 0.25 (mm)
460-238659-2 MSD	MW-02_20210712 MSD	07/15/2021 15:33	1	V04578.D	Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 16:16	25		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 16:38	25000		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 16:59	1		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 17:21	1		Rtx-624 0.25 (mm)
460-238659-2	MW-02_20210712	07/15/2021 18:05	1	V04585.D	Rtx-624 0.25 (mm)
460-238659-3	MW-03_20210712	07/15/2021 18:26	1	V04586.D	Rtx-624 0.25 (mm)
460-238659-1	MW-01_20210712	07/15/2021 18:48	1	V04587.D	Rtx-624 0.25 (mm)
460-238659-6	MW-X_20210712	07/15/2021 19:10	1	V04588.D	Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 19:32	10		Rtx-624 0.25 (mm)
ZZZZZ		07/15/2021 20:59	5		Rtx-624 0.25 (mm)

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Batch Number: 782268 Batch Start Date: 06/04/21 11:40 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00129	524freon 00037	8260 SP 00141	8260ISNEW 00119
BFB 460-782268/1		8260D		5 mL	5 mL				
STD7 460-782268/4 IC		8260D		5 mL	5 mL				1 uL
STD1 460-782268/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-782268/6 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-782268/7 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-782268/8 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-782268/9 IC		8260D		5 mL	5 mL				1 uL
STD500 460-782268/10 IC		8260D		5 mL	5 mL				1 uL
ICV 460-782268/14		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00138	8260SURR250 00218	8FreonHi 00032	8FreonsSS 00033	ACROLEIN SP 00125	ACROLEIN W 00125
BFB 460-782268/1		8260D							
STD7 460-782268/4 IC		8260D			1 uL				
STD1 460-782268/5 IC		8260D		10 uL	1 uL				4 uL
STD5 460-782268/6 IC		8260D		10 uL	1 uL				4 uL
STD20 460-782268/7 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-782268/8 IC		8260D		50 uL	1 uL				10 uL
STD200 460-782268/9 IC		8260D			1 uL	20 uL			20 uL
STD500 460-782268/10 IC		8260D			1 uL	50 uL			40 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 3

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Batch Number: 782268 Batch Start Date: 06/04/21 11:40 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00138	8260SURR250 00218	8FreonHi 00032	8FreonsSS 00033	ACROLEIN SP 00125	ACROLEIN W 00125
ICV 460-782268/14		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00086	BFB 00029	Ethanol mix 00052	GAS C SP 00412	GAS Hi 00389	GASES Li 00423
BFB 460-782268/1		8260D			1 uL				
STD7 460-782268/4 IC		8260D		20 uL					2.5 uL
STD1 460-782268/5 IC		8260D							10 uL
STD5 460-782268/6 IC		8260D							10 uL
STD20 460-782268/7 ICIS		8260D							20 uL
STD50 460-782268/8 IC		8260D							50 uL
STD200 460-782268/9 IC		8260D				20 uL		20 uL	
STD500 460-782268/10 IC		8260D				50 uL		50 uL	
ICV 460-782268/14		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00111	MIX I Hi 00138				
BFB 460-782268/1		8260D							
STD7 460-782268/4 IC		8260D							
STD1 460-782268/5 IC		8260D							
STD5 460-782268/6 IC		8260D							
STD20 460-782268/7 ICIS		8260D							
STD50 460-782268/8 IC		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Batch Number: 782268 Batch Start Date: 06/04/21 11:40 Batch Analyst: Martinez, EddieBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00111	MIX I Hi 00138				
STD200 460-782268/9 IC		8260D		20 uL	20 uL				
STD500 460-782268/10 IC		8260D		50 uL	50 uL				
ICV 460-782268/14		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Batch Number: 790298 Batch Start Date: 07/14/21 22:36 Batch Analyst: Starzec, MargaretBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00119	8260MIX1COMB 00140	8260SURRE250 00218
CCVIS 460-790298/2		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-790298/3		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
LCSD 460-790298/4		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-790298/7		8260D		5 mL	5 mL		1 uL		1 uL
460-238659-A-4	TB_20210712	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL
460-238659-B-5	FB_20210712	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00127	GASES Li 00428				
CCVIS 460-790298/2		8260D		4 uL	20 uL				
LCS 460-790298/3		8260D		4 uL	20 uL				
LCSD 460-790298/4		8260D		4 uL	20 uL				
MB 460-790298/7		8260D							
460-238659-A-4	TB_20210712	8260D	T						
460-238659-B-5	FB_20210712	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 1

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Batch Number: 790464 Batch Start Date: 07/15/21 10:50 Batch Analyst: Starzec, MargaretBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00119	8260MIX1COMB 00140	8260SURRE250 00218
CCVIS 460-790464/2		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-790464/3		8260D		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-790464/7		8260D		5 mL	5 mL		1 uL		1 uL
460-238659-A-2 MS	MW-02_20210712	8260D	T	5 mL	5 mL	<2 PH Units	1 uL	20 uL	1 uL
460-238659-A-2 MSD	MW-02_20210712	8260D	T	5 mL	5 mL	<2 PH Units	1 uL	20 uL	1 uL
460-238659-A-2	MW-02_20210712	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL
460-238659-A-3	MW-03_20210712	8260D	T	5 mL	5 mL	10 PH Units	1 uL		1 uL
460-238659-A-1	MW-01_20210712	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL
460-238659-C-6	MW-X_20210712	8260D	T	5 mL	5 mL	<2 PH Units	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00127	GASES Li 00429				
CCVIS 460-790464/2		8260D		4 uL	20 uL				
LCS 460-790464/3		8260D		4 uL	20 uL				
MB 460-790464/7		8260D							
460-238659-A-2 MS	MW-02_20210712	8260D	T	4 uL	20 uL				
460-238659-A-2 MSD	MW-02_20210712	8260D	T	4 uL	20 uL				
460-238659-A-2	MW-02_20210712	8260D	T						
460-238659-A-3	MW-03_20210712	8260D	T						
460-238659-A-1	MW-01_20210712	8260D	T						
460-238659-C-6	MW-X_20210712	8260D	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-238659-1

SDG No.: \_\_\_\_\_

Batch Number: 790464 Batch Start Date: 07/15/21 10:50 Batch Analyst: Starzec, MargaretBatch Method: 8260D Batch End Date: \_\_\_\_\_

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.



# Shipping and Receiving Documents

NYC

Address:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: TAL-8210

Client Contact  
Company Name: **AKAF Inc**  
Address: **440 Park Ave S 7th fl**  
City/State/Zip: **NY NY 10016**  
Phone: **212 290 8712**  
Fax: **212 170087**  
Project Name: **601 W 29th St**  
Site: **NY NY**  
P O #: **170087**

Project Manager: **adrian@akaf.com**  
Tel/Email: **adrian@akaf.com**  
Analysis Turnaround Time  
☐ CALENDAR DAYS ☐ WORKING DAYS  
TAT if different from Below  
☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day  
**Standard**

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
MW-01-20210712	7/12/21	1125	G	W	3			1
MW-02-20210712		1305			3			2
MW-03-20210712		0000			3			3
TB-20210712		1045			2			4
FB-20210712		1000			2			5
MW-X-20210712		1130			3			6
MW-02-20210712-MS					3			2
MW-02-20210712-MED	7/12/21	1135	G	W	3			2



460-238659 Chain of Custody

5-DAY RUSH

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other  
Possible Hazard Identification: **Acid & deliverables**  
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.  
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
☐ Return to Client ☐ Disposal by Lab ☐ Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments: **Acid & deliverables**

Custody Seal No.: **AKAF**

Relinquished by: **Gu** Date/Time: **7/12/21**  
Relinquished by: **Gu** Date/Time: **7/12/21**  
Relinquished by: **Gu** Date/Time: **7/12/21**

**Job Number:**

28659

### Number of Coolers:

IR Gun #

2

## Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	20	15	Cooler #4:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃
			Cooler #7:	℃	℃
			Cooler #8:	℃	℃
			Cooler #9:	℃	℃

[illegible]

**If pH adjustments are required record the information below:**

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

**Expiration Date:**

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.**

**Initials:**

Personal

Date:

7/22/21

## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-238659-1

Login Number: 238659

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: DiGuardia, Joseph L

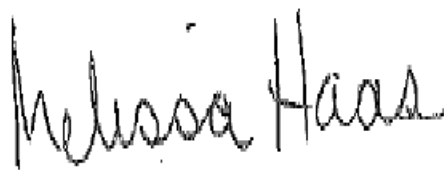
Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	

## ANALYTICAL REPORT

Job Number: 460-244788-1

Job Description: 601 W29th St, NY, NY 10001; #170087

For:  
AKRF Inc  
440 Park Avenue South  
7th Floor  
New York, NY 10016  
Attention: Ms. Adrianna Bosco



Approved for release.  
Melissa Haas  
Senior Project Manager  
10/15/2021 8:01 AM

---

Melissa Haas, Senior Project Manager  
777 New Durham Road, Edison, NJ, 08817  
(203)308-0880  
Melissa.Haas@Eurofinset.com  
10/15/2021

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

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

**Eurofins TestAmerica, Edison**

777 New Durham Road, Edison, NJ 08817

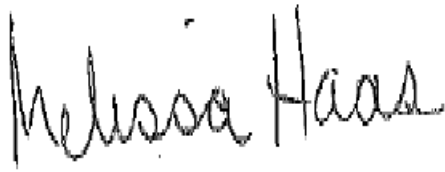
Tel (732) 549-3900 Fax (732) 549-3679 [www.testamericainc.com](http://www.testamericainc.com)



Job Number: 460-244788-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath it.

Approved for release.  
Melissa Haas  
Senior Project Manager  
10/15/2021 8:01 AM

Melissa Haas

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## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

Report Number: 460-244788-1

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 10/08/2021; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.2 C.

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

### **VOLATILE ORGANIC COMPOUNDS (GC/MS)**

Samples MW-01\_20211008 (460-244788-1), MW-02\_20211008 (460-244788-2), MW-03\_20211008 (460-244788-3), MW-X\_20211008 (460-244788-4), TB\_20211008 (460-244788-5) and FB\_20211008 (460-244788-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/13/2021.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

# Sample Summary

Client: AKRF Inc

Job ID: 460-244788-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-244788-1	MW-01_20211008	Water	10/08/21 09:30	10/08/21 20:30
460-244788-2	MW-02_20211008	Water	10/08/21 11:05	10/08/21 20:30
460-244788-3	MW-03_20211008	Water	10/08/21 12:20	10/08/21 20:30
460-244788-4	MW-X_20211008	Water	10/08/21 11:10	10/08/21 20:30
460-244788-5	TB_20211008	Water	10/08/21 00:00	10/08/21 20:30
460-244788-6	FB_20211008	Water	10/08/21 12:30	10/08/21 20:30

# Detection Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

**Client Sample ID: MW-01\_20211008**

**Lab Sample ID: 460-244788-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.5		1.0	0.37	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	0.34	J	1.0	0.33	ug/L	1		8260D	Total/NA
4-Isopropyltoluene	0.71	J	1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	1.4		1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	6.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	2.8		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	1.7		1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	2.9		1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	4.2		1.0	0.88	ug/L	1		8260D	Total/NA
N-Propylbenzene	2.3		1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	2.7		1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	0.55	J	1.0	0.37	ug/L	1		8260D	Total/NA
Toluene	1.0		1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	5.6		2.0	0.65	ug/L	1		8260D	Total/NA

**Client Sample ID: MW-02\_20211008**

**Lab Sample ID: 460-244788-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.5		1.0	0.20	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.1		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.30	J	1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.34	J	1.0	0.30	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.44	J	1.0	0.32	ug/L	1		8260D	Total/NA

**Client Sample ID: MW-03\_20211008**

**Lab Sample ID: 460-244788-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.37	J	1.0	0.37	ug/L	1		8260D	Total/NA
4-Isopropyltoluene	12		1.0	0.37	ug/L	1		8260D	Total/NA
Benzene	0.62	J	1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	0.38	J	1.0	0.30	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.61	J	1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	1.3		1.0	0.88	ug/L	1		8260D	Total/NA
o-Xylene	0.42	J	1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	1.1		1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	1.0	J	2.0	0.65	ug/L	1		8260D	Total/NA

**Client Sample ID: MW-X\_20211008**

**Lab Sample ID: 460-244788-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.6		1.0	0.20	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.1		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.27	J	1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.38	J	1.0	0.30	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.44	J	1.0	0.32	ug/L	1		8260D	Total/NA

**Client Sample ID: TB\_20211008**

**Lab Sample ID: 460-244788-5**

No Detections.

**Client Sample ID: FB\_20211008**

**Lab Sample ID: 460-244788-6**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

# Method Summary

Client: AKRF Inc

Job ID: 460-244788-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

## Protocol References:

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

## Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

Client Sample ID: MW-01\_20211008

Lab Sample ID: 460-244788-1

Date Collected: 10/08/21 09:30

Matrix: Water

Date Received: 10/08/21 20:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	1.5		1.0	0.37	ug/L			10/13/21 11:15	1
1,3,5-Trimethylbenzene	0.34	J	1.0	0.33	ug/L			10/13/21 11:15	1
4-Isopropyltoluene	0.71	J	1.0	0.37	ug/L			10/13/21 11:15	1
Benzene	1.4		1.0	0.20	ug/L			10/13/21 11:15	1
Ethylbenzene	6.5		1.0	0.30	ug/L			10/13/21 11:15	1
Isopropylbenzene	2.8		1.0	0.34	ug/L			10/13/21 11:15	1
Methyl tert-butyl ether	1.7		1.0	0.22	ug/L			10/13/21 11:15	1
m-Xylene & p-Xylene	2.9		1.0	0.30	ug/L			10/13/21 11:15	1
Naphthalene	4.2		1.0	0.88	ug/L			10/13/21 11:15	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 11:15	1
N-Propylbenzene	2.3		1.0	0.32	ug/L			10/13/21 11:15	1
o-Xylene	2.7		1.0	0.36	ug/L			10/13/21 11:15	1
sec-Butylbenzene	0.55	J	1.0	0.37	ug/L			10/13/21 11:15	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 11:15	1
Toluene	1.0		1.0	0.38	ug/L			10/13/21 11:15	1
Xylenes, Total	5.6		2.0	0.65	ug/L			10/13/21 11:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 123		10/13/21 11:15	1
4-Bromofluorobenzene	100		76 - 120		10/13/21 11:15	1
Dibromofluoromethane (Surr)	97		77 - 124		10/13/21 11:15	1
Toluene-d8 (Surr)	106		80 - 120		10/13/21 11:15	1

Client Sample ID: MW-02\_20211008

Lab Sample ID: 460-244788-2

Date Collected: 10/08/21 11:05

Matrix: Water

Date Received: 10/08/21 20:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 11:35	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			10/13/21 11:35	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			10/13/21 11:35	1
Benzene	5.5		1.0	0.20	ug/L			10/13/21 11:35	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/13/21 11:35	1
Isopropylbenzene	1.1		1.0	0.34	ug/L			10/13/21 11:35	1
Methyl tert-butyl ether	0.30	J	1.0	0.22	ug/L			10/13/21 11:35	1
m-Xylene & p-Xylene	0.34	J	1.0	0.30	ug/L			10/13/21 11:35	1
Naphthalene	0.88	U	1.0	0.88	ug/L			10/13/21 11:35	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 11:35	1
N-Propylbenzene	0.44	J	1.0	0.32	ug/L			10/13/21 11:35	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/13/21 11:35	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 11:35	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 11:35	1
Toluene	0.38	U	1.0	0.38	ug/L			10/13/21 11:35	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			10/13/21 11:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		10/13/21 11:35	1
4-Bromofluorobenzene	99		76 - 120		10/13/21 11:35	1
Dibromofluoromethane (Surr)	100		77 - 124		10/13/21 11:35	1

Eurofins TestAmerica, Edison

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

Client Sample ID: MW-02\_20211008

Lab Sample ID: 460-244788-2

Date Collected: 10/08/21 11:05

Matrix: Water

Date Received: 10/08/21 20:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120		10/13/21 11:35	1

Client Sample ID: MW-03\_20211008

Lab Sample ID: 460-244788-3

Date Collected: 10/08/21 12:20

Matrix: Water

Date Received: 10/08/21 20:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	J	1.0	0.37	ug/L			10/13/21 11:56	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			10/13/21 11:56	1
4-Isopropyltoluene	12		1.0	0.37	ug/L			10/13/21 11:56	1
Benzene	0.62	J	1.0	0.20	ug/L			10/13/21 11:56	1
Ethylbenzene	0.38	J	1.0	0.30	ug/L			10/13/21 11:56	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 11:56	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/13/21 11:56	1
m-Xylene & p-Xylene	0.61	J	1.0	0.30	ug/L			10/13/21 11:56	1
Naphthalene	1.3		1.0	0.88	ug/L			10/13/21 11:56	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 11:56	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 11:56	1
o-Xylene	0.42	J	1.0	0.36	ug/L			10/13/21 11:56	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 11:56	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 11:56	1
Toluene	1.1		1.0	0.38	ug/L			10/13/21 11:56	1
Xylenes, Total	1.0	J	2.0	0.65	ug/L			10/13/21 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123		10/13/21 11:56	1
4-Bromofluorobenzene	98		76 - 120		10/13/21 11:56	1
Dibromofluoromethane (Surr)	99		77 - 124		10/13/21 11:56	1
Toluene-d8 (Surr)	104		80 - 120		10/13/21 11:56	1

Client Sample ID: MW-X\_20211008

Lab Sample ID: 460-244788-4

Date Collected: 10/08/21 11:10

Matrix: Water

Date Received: 10/08/21 20:30

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 12:17	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			10/13/21 12:17	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			10/13/21 12:17	1
Benzene	5.6		1.0	0.20	ug/L			10/13/21 12:17	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/13/21 12:17	1
Isopropylbenzene	1.1		1.0	0.34	ug/L			10/13/21 12:17	1
Methyl tert-butyl ether	0.27	J	1.0	0.22	ug/L			10/13/21 12:17	1
m-Xylene & p-Xylene	0.38	J	1.0	0.30	ug/L			10/13/21 12:17	1
Naphthalene	0.88	U	1.0	0.88	ug/L			10/13/21 12:17	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 12:17	1
N-Propylbenzene	0.44	J	1.0	0.32	ug/L			10/13/21 12:17	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/13/21 12:17	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 12:17	1

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

**Client Sample ID: MW-X\_20211008**

**Lab Sample ID: 460-244788-4**

**Date Collected: 10/08/21 11:10**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 12:17	1
Toluene	0.38	U	1.0	0.38	ug/L			10/13/21 12:17	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			10/13/21 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 123		10/13/21 12:17	1
4-Bromofluorobenzene	99		76 - 120		10/13/21 12:17	1
Dibromofluoromethane (Surr)	98		77 - 124		10/13/21 12:17	1
Toluene-d8 (Surr)	105		80 - 120		10/13/21 12:17	1

**Client Sample ID: TB\_20211008**

**Lab Sample ID: 460-244788-5**

**Date Collected: 10/08/21 00:00**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 09:31	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			10/13/21 09:31	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			10/13/21 09:31	1
Benzene	0.20	U	1.0	0.20	ug/L			10/13/21 09:31	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/13/21 09:31	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 09:31	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/13/21 09:31	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/13/21 09:31	1
Naphthalene	0.88	U	1.0	0.88	ug/L			10/13/21 09:31	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 09:31	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 09:31	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/13/21 09:31	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 09:31	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 09:31	1
Toluene	0.38	U	1.0	0.38	ug/L			10/13/21 09:31	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			10/13/21 09:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123		10/13/21 09:31	1
4-Bromofluorobenzene	99		76 - 120		10/13/21 09:31	1
Dibromofluoromethane (Surr)	97		77 - 124		10/13/21 09:31	1
Toluene-d8 (Surr)	106		80 - 120		10/13/21 09:31	1

**Client Sample ID: FB\_20211008**

**Lab Sample ID: 460-244788-6**

**Date Collected: 10/08/21 12:30**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 10:13	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			10/13/21 10:13	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			10/13/21 10:13	1
Benzene	0.20	U	1.0	0.20	ug/L			10/13/21 10:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/13/21 10:13	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 10:13	1

Eurofins TestAmerica, Edison

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

Client Sample ID: FB\_20211008

Lab Sample ID: 460-244788-6

Date Collected: 10/08/21 12:30

Matrix: Water

Date Received: 10/08/21 20:30

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/13/21 10:13	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/13/21 10:13	1
Naphthalene	0.88	U	1.0	0.88	ug/L			10/13/21 10:13	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 10:13	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 10:13	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/13/21 10:13	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 10:13	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 10:13	1
Toluene	0.38	U	1.0	0.38	ug/L			10/13/21 10:13	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			10/13/21 10:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 123		10/13/21 10:13	1
4-Bromofluorobenzene	99		76 - 120		10/13/21 10:13	1
Dibromofluoromethane (Surr)	98		77 - 124		10/13/21 10:13	1
Toluene-d8 (Surr)	105		80 - 120		10/13/21 10:13	1



# Surrogate Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-244788-1	MW-01_20211008	102	100	97	106
460-244788-1 MS	MW-01_20211008	102	100	98	105
460-244788-1 MSD	MW-01_20211008	102	101	97	103
460-244788-2	MW-02_20211008	101	99	100	104
460-244788-3	MW-03_20211008	99	98	99	104
460-244788-4	MW-X_20211008	102	99	98	105
460-244788-5	TB_20211008	96	99	97	106
460-244788-6	FB_20211008	97	99	98	105
LCS 460-806689/4	Lab Control Sample	96	103	101	105
MB 460-806689/8	Method Blank	97	98	99	105

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-806689/8

Matrix: Water

Analysis Batch: 806689

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 08:50	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			10/13/21 08:50	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			10/13/21 08:50	1
Benzene	0.20	U	1.0	0.20	ug/L			10/13/21 08:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/13/21 08:50	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 08:50	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/13/21 08:50	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/13/21 08:50	1
Naphthalene	0.88	U	1.0	0.88	ug/L			10/13/21 08:50	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 08:50	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			10/13/21 08:50	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/13/21 08:50	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			10/13/21 08:50	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			10/13/21 08:50	1
Toluene	0.38	U	1.0	0.38	ug/L			10/13/21 08:50	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			10/13/21 08:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 123		10/13/21 08:50	1
4-Bromofluorobenzene	98		76 - 120		10/13/21 08:50	1
Dibromofluoromethane (Surr)	99		77 - 124		10/13/21 08:50	1
Toluene-d8 (Surr)	105		80 - 120		10/13/21 08:50	1

Lab Sample ID: LCS 460-806689/4

Matrix: Water

Analysis Batch: 806689

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	23.2		ug/L		116	75 - 125
1,3,5-Trimethylbenzene	20.0	23.5		ug/L		118	75 - 125
4-Isopropyltoluene	20.0	23.4		ug/L		117	71 - 129
Benzene	20.0	22.7		ug/L		113	78 - 126
Ethylbenzene	20.0	23.7		ug/L		119	78 - 120
Isopropylbenzene	20.0	23.8		ug/L		119	79 - 125
Methyl tert-butyl ether	20.0	22.2		ug/L		111	65 - 131
m-Xylene & p-Xylene	20.0	23.8		ug/L		119	78 - 123
Naphthalene	20.0	22.1		ug/L		110	40 - 150
n-Butylbenzene	20.0	23.8		ug/L		119	69 - 135
N-Propylbenzene	20.0	23.5		ug/L		118	74 - 129
o-Xylene	20.0	23.0		ug/L		115	78 - 122
sec-Butylbenzene	20.0	23.4		ug/L		117	73 - 129
tert-Butylbenzene	20.0	23.1		ug/L		115	72 - 124
Toluene	20.0	23.3		ug/L		116	78 - 119
Xylenes, Total	40.0	46.9		ug/L		117	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		75 - 123
4-Bromofluorobenzene	103		76 - 120

Eurofins TestAmerica, Edison

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-806689/4  
Matrix: Water  
Analysis Batch: 806689

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	101		77 - 124
Toluene-d8 (Surr)	105		80 - 120

Lab Sample ID: 460-244788-1 MS  
Matrix: Water  
Analysis Batch: 806689

Client Sample ID: MW-01\_20211008  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	1.5		20.0	23.1		ug/L		108	75 - 125
1,3,5-Trimethylbenzene	0.34	J	20.0	21.6		ug/L		106	75 - 125
4-Isopropyltoluene	0.71	J	20.0	22.0		ug/L		107	71 - 129
Benzene	1.4		20.0	23.2		ug/L		109	78 - 126
Ethylbenzene	6.5		20.0	28.6		ug/L		110	78 - 120
Isopropylbenzene	2.8		20.0	24.6		ug/L		109	79 - 125
Methyl tert-butyl ether	1.7		20.0	23.2		ug/L		108	65 - 131
m-Xylene & p-Xylene	2.9		20.0	25.4		ug/L		112	78 - 123
Naphthalene	4.2		20.0	27.5		ug/L		117	40 - 150
n-Butylbenzene	0.32	U	20.0	21.9		ug/L		109	69 - 135
N-Propylbenzene	2.3		20.0	24.3		ug/L		110	74 - 129
o-Xylene	2.7		20.0	24.3		ug/L		108	78 - 122
sec-Butylbenzene	0.55	J	20.0	21.6		ug/L		105	73 - 129
tert-Butylbenzene	0.34	U	20.0	21.5		ug/L		108	72 - 124
Toluene	1.0		20.0	23.3		ug/L		111	78 - 119
Xylenes, Total	5.6		40.0	49.6		ug/L		110	78 - 122

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		75 - 123
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	98		77 - 124
Toluene-d8 (Surr)	105		80 - 120

Lab Sample ID: 460-244788-1 MSD  
Matrix: Water  
Analysis Batch: 806689

Client Sample ID: MW-01\_20211008  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	1.5		20.0	23.0		ug/L		107	75 - 125	0	30
1,3,5-Trimethylbenzene	0.34	J	20.0	21.4		ug/L		105	75 - 125	1	30
4-Isopropyltoluene	0.71	J	20.0	22.1		ug/L		107	71 - 129	0	30
Benzene	1.4		20.0	22.6		ug/L		106	78 - 126	2	30
Ethylbenzene	6.5		20.0	28.1		ug/L		108	78 - 120	2	30
Isopropylbenzene	2.8		20.0	24.8		ug/L		110	79 - 125	0	30
Methyl tert-butyl ether	1.7		20.0	22.9		ug/L		106	65 - 131	2	30
m-Xylene & p-Xylene	2.9		20.0	24.6		ug/L		109	78 - 123	3	30
Naphthalene	4.2		20.0	27.8		ug/L		118	40 - 150	1	30
n-Butylbenzene	0.32	U	20.0	21.6		ug/L		108	69 - 135	1	30
N-Propylbenzene	2.3		20.0	23.9		ug/L		108	74 - 129	1	30
o-Xylene	2.7		20.0	24.3		ug/L		108	78 - 122	0	30

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-244788-1 MSD

Matrix: Water

Analysis Batch: 806689

Client Sample ID: MW-01\_20211008

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
sec-Butylbenzene	0.55	J	20.0	21.6		ug/L		105	73 - 129	0	30
tert-Butylbenzene	0.34	U	20.0	21.1		ug/L		105	72 - 124	2	30
Toluene	1.0		20.0	22.9		ug/L		109	78 - 119	1	30
Xylenes, Total	5.6		40.0	48.9		ug/L		108	78 - 122	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		75 - 123
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	97		77 - 124
Toluene-d8 (Surr)	103		80 - 120

# Definitions/Glossary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# QC Association Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

## GC/MS VOA

### Analysis Batch: 806689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-244788-1	MW-01_20211008	Total/NA	Water	8260D	
460-244788-2	MW-02_20211008	Total/NA	Water	8260D	
460-244788-3	MW-03_20211008	Total/NA	Water	8260D	
460-244788-4	MW-X_20211008	Total/NA	Water	8260D	
460-244788-5	TB_20211008	Total/NA	Water	8260D	
460-244788-6	FB_20211008	Total/NA	Water	8260D	
MB 460-806689/8	Method Blank	Total/NA	Water	8260D	
LCS 460-806689/4	Lab Control Sample	Total/NA	Water	8260D	
460-244788-1 MS	MW-01_20211008	Total/NA	Water	8260D	
460-244788-1 MSD	MW-01_20211008	Total/NA	Water	8260D	

# Lab Chronicle

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-244788-1

**Client Sample ID: MW-01\_20211008**

**Lab Sample ID: 460-244788-1**

**Date Collected: 10/08/21 09:30**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	806689	10/13/21 11:15	SZD	TAL EDI

**Client Sample ID: MW-02\_20211008**

**Lab Sample ID: 460-244788-2**

**Date Collected: 10/08/21 11:05**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	806689	10/13/21 11:35	SZD	TAL EDI

**Client Sample ID: MW-03\_20211008**

**Lab Sample ID: 460-244788-3**

**Date Collected: 10/08/21 12:20**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	806689	10/13/21 11:56	SZD	TAL EDI

**Client Sample ID: MW-X\_20211008**

**Lab Sample ID: 460-244788-4**

**Date Collected: 10/08/21 11:10**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	806689	10/13/21 12:17	SZD	TAL EDI

**Client Sample ID: TB\_20211008**

**Lab Sample ID: 460-244788-5**

**Date Collected: 10/08/21 00:00**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	806689	10/13/21 09:31	SZD	TAL EDI

**Client Sample ID: FB\_20211008**

**Lab Sample ID: 460-244788-6**

**Date Collected: 10/08/21 12:30**

**Matrix: Water**

**Date Received: 10/08/21 20:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	806689	10/13/21 10:13	SZD	TAL EDI

## Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

## Accreditation/Certification Summary

Client: AKRF Inc

Job ID: 460-244788-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

### Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22



# 8260D

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Volatile Organic Compounds by GC/MS

FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low  
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-01_20211008	460-244788-1	97	102	106	100
MW-02_20211008	460-244788-2	100	101	104	99
MW-03_20211008	460-244788-3	99	99	104	98
MW-X_20211008	460-244788-4	98	102	105	99
TB_20211008	460-244788-5	97	96	106	99
FB_20211008	460-244788-6	98	97	105	99
	MB 460-806689/8	99	97	105	98
	LCS 460-806689/4	101	96	105	103
MW-01_20211008 MS	460-244788-1 MS	98	102	105	100
MW-01_20211008 MSD	460-244788-1 MSD	97	102	103	101

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

# Column to be used to flag recovery values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: TT45727.D  
 Lab ID: LCS 460-806689/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	23.2	116	75-125	
1,3,5-Trimethylbenzene	20.0	23.5	118	75-125	
4-Isopropyltoluene	20.0	23.4	117	71-129	
Benzene	20.0	22.7	113	78-126	
Ethylbenzene	20.0	23.7	119	78-120	
Isopropylbenzene	20.0	23.8	119	79-125	
Methyl tert-butyl ether	20.0	22.2	111	65-131	
m-Xylene & p-Xylene	20.0	23.8	119	78-123	
Naphthalene	20.0	22.1	110	40-150	
n-Butylbenzene	20.0	23.8	119	69-135	
N-Propylbenzene	20.0	23.5	118	74-129	
o-Xylene	20.0	23.0	115	78-122	
sec-Butylbenzene	20.0	23.4	117	73-129	
tert-Butylbenzene	20.0	23.1	115	72-124	
Toluene	20.0	23.3	116	78-119	
Xylenes, Total	40.0	46.9	117	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: TT45754.D

Lab ID: 460-244788-1 MS

Client ID: MW-01\_20211008 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	1.5	23.1	108	75-125	
1,3,5-Trimethylbenzene	20.0	0.34 J	21.6	106	75-125	
4-Isopropyltoluene	20.0	0.71 J	22.0	107	71-129	
Benzene	20.0	1.4	23.2	109	78-126	
Ethylbenzene	20.0	6.5	28.6	110	78-120	
Isopropylbenzene	20.0	2.8	24.6	109	79-125	
Methyl tert-butyl ether	20.0	1.7	23.2	108	65-131	
m-Xylene & p-Xylene	20.0	2.9	25.4	112	78-123	
Naphthalene	20.0	4.2	27.5	117	40-150	
n-Butylbenzene	20.0	0.32 U	21.9	109	69-135	
N-Propylbenzene	20.0	2.3	24.3	110	74-129	
o-Xylene	20.0	2.7	24.3	108	78-122	
sec-Butylbenzene	20.0	0.55 J	21.6	105	73-129	
tert-Butylbenzene	20.0	0.34 U	21.5	108	72-124	
Toluene	20.0	1.0	23.3	111	78-119	
Xylenes, Total	40.0	5.6	49.6	110	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Matrix: Water Level: Low

Lab File ID: TT45755.D

Lab ID: 460-244788-1 MSD

Client ID: MW-01\_20211008 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4-Trimethylbenzene	20.0	23.0	107	0	30	75-125	
1,3,5-Trimethylbenzene	20.0	21.4	105	1	30	75-125	
4-Isopropyltoluene	20.0	22.1	107	0	30	71-129	
Benzene	20.0	22.6	106	2	30	78-126	
Ethylbenzene	20.0	28.1	108	2	30	78-120	
Isopropylbenzene	20.0	24.8	110	0	30	79-125	
Methyl tert-butyl ether	20.0	22.9	106	2	30	65-131	
m-Xylene & p-Xylene	20.0	24.6	109	3	30	78-123	
Naphthalene	20.0	27.8	118	1	30	40-150	
n-Butylbenzene	20.0	21.6	108	1	30	69-135	
N-Propylbenzene	20.0	23.9	108	1	30	74-129	
o-Xylene	20.0	24.3	108	0	30	78-122	
sec-Butylbenzene	20.0	21.6	105	0	30	73-129	
tert-Butylbenzene	20.0	21.1	105	2	30	72-124	
Toluene	20.0	22.9	109	1	30	78-119	
Xylenes, Total	40.0	48.9	108	1	30	78-122	

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
SDG No.: \_\_\_\_\_  
Lab File ID: TT45731.D Lab Sample ID: MB 460-806689/8  
Matrix: Water Heated Purge: (Y/N) N  
Instrument ID: CVOAMS17 Date Analyzed: 10/13/2021 08:50  
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-806689/4	TT45727.D	10/13/2021 07:27
TB_20211008	460-244788-5	TT45733.D	10/13/2021 09:31
FB_20211008	460-244788-6	TT45735.D	10/13/2021 10:13
MW-01_20211008	460-244788-1	TT45738.D	10/13/2021 11:15
MW-02_20211008	460-244788-2	TT45739.D	10/13/2021 11:35
MW-03_20211008	460-244788-3	TT45740.D	10/13/2021 11:56
MW-X_20211008	460-244788-4	TT45741.D	10/13/2021 12:17
MW-01_20211008 MS	460-244788-1 MS	TT45754.D	10/13/2021 16:46
MW-01_20211008 MSD	460-244788-1 MSD	TT45755.D	10/13/2021 17:07

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
SDG No.: \_\_\_\_\_  
Lab File ID: TT45698.D BFB Injection Date: 10/12/2021  
Instrument ID: CVOAMS17 BFB Injection Time: 06:28  
Analysis Batch No.: 806463

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	143.9
96	5 - 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.9
174	50 - 200% of m/z 95	69.5
175	5 - 9% of m/z 174	8.1
176	95 -105% of m/z 174	97.3
177	5 - 10% of m/z 176	6.5

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
	STD8 460-806463/3	TT45700.D	10/12/2021	7:09
	STD5 460-806463/6	TT45703.D	10/12/2021	8:11
	STD20 460-806463/7	TT45704.D	10/12/2021	8:31
	STD50 460-806463/8	TT45705.D	10/12/2021	8:52
	STD200 460-806463/9	TT45706.D	10/12/2021	9:12
	STD500 460-806463/10	TT45707.D	10/12/2021	9:33
	STD1 460-806463/14	TT45711.D	10/12/2021	12:08
	ICV 460-806463/16	TT45713.D	10/12/2021	13:42

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-806463/7 Date Analyzed: 10/12/2021 08:31  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT45704.D Heated Purge: (Y/N) N  
 Calibration ID: 87655

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	38018	2.52	332047	3.41	426801	4.37	
UPPER LIMIT	76036	3.02	664094	3.91	853602	4.87	
LOWER LIMIT	19009	2.02	166024	2.91	213401	3.87	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-806463/16		39599	2.48	406103	3.35	488531	4.31

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 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: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-806463/7 Date Analyzed: 10/12/2021 08:31  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT45704.D Heated Purge: (Y/N) N  
 Calibration ID: 87655

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	17872	5.06	302845	7.61	153850	10.43	
UPPER LIMIT	35744	5.56	605690	8.11	307700	10.93	
LOWER LIMIT	8936	4.56	151423	7.11	76925	9.93	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-806463/16		25097	4.97	354326	7.54	174604	10.37

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-806689/3 Date Analyzed: 10/13/2021 07:02  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT45726.D Heated Purge: (Y/N) N  
 Calibration ID: 87655

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	38858	2.45	319892	3.34	420722	4.29	
UPPER LIMIT	77716	2.95	639784	3.84	841444	4.79	
LOWER LIMIT	19429	1.95	159946	2.84	210361	3.79	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-806689/4		40578	2.45	361589	3.34	468782	4.30
MB 460-806689/8		48147	2.45	382268	3.34	522394	4.30
460-244788-5	TB_20211008	38553	2.45	330154	3.34	501109	4.29
460-244788-6	FB_20211008	41402	2.47	366140	3.35	539462	4.31
460-244788-1	MW-01_20211008	44915	2.46	401324	3.35	484386	4.31
460-244788-2	MW-02_20211008	48965	2.48	378496	3.35	492821	4.31
460-244788-3	MW-03_20211008	49282	2.47	376726	3.35	472513	4.31
460-244788-4	MW-X_20211008	43418	2.46	374358	3.34	476686	4.30
460-244788-1 MS	MW-01_20211008 MS	47383	2.47	414064	3.35	453805	4.31
460-244788-1 MSD	MW-01_20211008 MSD	46760	2.46	433587	3.34	468970	4.30

TBAd9 = 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: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-806689/3 Date Analyzed: 10/13/2021 07:02  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT45726.D Heated Purge: (Y/N) N  
 Calibration ID: 87655

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	19644	4.96	299604	7.53	146491	10.37	
UPPER LIMIT	39288	5.46	599208	8.03	292982	10.87	
LOWER LIMIT	9822	4.46	149802	7.03	73246	9.87	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-806689/4		20961	4.97	335264	7.54	165159	10.37
MB 460-806689/8		16350	4.98	351791	7.54	171760	10.37
460-244788-5	TB_20211008	12551	4.97	333150	7.53	162171	10.37
460-244788-6	FB_20211008	13919	4.98	362048	7.54	176032	10.37
460-244788-1	MW-01_20211008	14199	4.99	329216	7.54	163799	10.37
460-244788-2	MW-02_20211008	17916	4.99	336061	7.54	165782	10.37
460-244788-3	MW-03_20211008	20227	4.98	319715	7.54	160854	10.37
460-244788-4	MW-X_20211008	15444	4.99	326439	7.54	160983	10.37
460-244788-1 MS	MW-01_20211008 MS	20715	4.97	322176	7.54	158954	10.37
460-244788-1 MSD	MW-01_20211008 MSD	19699	4.97	335896	7.54	166078	10.37

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20211008 Lab Sample ID: 460-244788-1  
 Matrix: Water Lab File ID: TT45738.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 09:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 11:15  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1.5		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.34	J	1.0	0.33
99-87-6	4-Isopropyltoluene	0.71	J	1.0	0.37
71-43-2	Benzene	1.4		1.0	0.20
100-41-4	Ethylbenzene	6.5		1.0	0.30
98-82-8	Isopropylbenzene	2.8		1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.7		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	2.9		1.0	0.30
91-20-3	Naphthalene	4.2		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	2.3		1.0	0.32
95-47-6	o-Xylene	2.7		1.0	0.36
135-98-8	sec-Butylbenzene	0.55	J	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	1.0		1.0	0.38
1330-20-7	Xylenes, Total	5.6		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D  
 Lims ID: 460-244788-A-1  
 Client ID: MW-01\_20211008  
 Sample Type: Client  
 Inject. Date: 13-Oct-2021 11:15:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-1  
 Misc. Info.: 460-0135933-015  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 11:40:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.220	1.184	0.036	53	373668	143.0	
22 Acetone	43	2.165	2.147	0.018	77	12524	8.27	
24 Carbon disulfide	76	2.257	2.232	0.025	99	4266	0.2968	7M
* 31 TBA-d9 (IS)	66	2.458	2.452	0.006	96	44915	1000.0	
32 2-Methyl-2-propanol	59	2.525	2.500	0.025	28	1779	4.14	7M
33 Methyl tert-butyl ether	73	2.598	2.574	0.024	89	18366	1.71	a
36 Hexane	57	2.726	2.708	0.018	91	5386	0.9858	a
* 42 2-Butanone-d5	46	3.348	3.336	0.012	98	401324	250.0	
53 Cyclohexane	84	3.726	3.714	0.012	93	44643	9.36	
\$ 55 Dibromofluoromethane (Surr)	113	3.750	3.738	0.012	0	117328	48.4	
59 Isooctane	57	4.025	4.012	0.013	48	26759	1.91	a
60 Benzene	78	4.037	4.025	0.013	59	19256	1.39	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.055	4.049	0.006	86	177070	51.2	
* 66 Fluorobenzene	96	4.305	4.293	0.012	0	484386	50.0	
69 Methylcyclohexane	83	4.732	4.719	0.013	84	63857	11.6	
* 72 1,4-Dioxane-d8	96	4.988	4.963	0.025	27	14199	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	0	460702	53.1	
84 Toluene	91	5.914	5.908	0.006	86	13587	1.04	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	91	329216	50.0	
96 Ethylbenzene	106	7.688	7.682	0.006	99	26978	6.51	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	97	14673	2.93	
99 o-Xylene	106	8.347	8.341	0.006	91	14164	2.72	
104 Isopropylbenzene	105	8.822	8.822	0.000	97	37267	2.77	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	117468	50.2	
108 N-Propylbenzene	91	9.353	9.353	0.000	97	41178	2.33	
112 4-Ethyltoluene	105	9.505	9.499	0.006	87	5798	0.4453	
113 1,3,5-Trimethylbenzene	105	9.584	9.584	0.000	78	3904	0.3421	
117 1,2,4-Trimethylbenzene	105	9.999	9.999	0.000	98	17617	1.51	
118 sec-Butylbenzene	105	10.158	10.157	0.001	94	8288	0.5466	
120 4-Isopropyltoluene	119	10.322	10.322	0.000	87	8509	0.7079	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	97	163799	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
123 1,2,3-Trimethylbenzene	105	10.426	10.426	0.000	96	12237	0.9835	
125 2,3-Dihydroindene	117	10.603	10.602	0.001	92	50303	4.39	
126 p-Diethylbenzene	119	10.700	10.694	0.006	87	5880	0.9198	
127 n-Butylbenzene	92	10.718	10.718	0.000	84	2157	0.2991	
129 1,2,4,5-Tetramethylbenzene	119	11.401	11.401	0.000	93	22278	1.84	
134 Naphthalene	128	12.291	12.291	0.000	98	47468	4.18	
S 137 Xylenes, Total	100				0		5.65	
S 140 Total BTEX	1				0		14.6	

### QC Flag Legend

#### Processing Flags

7 - Failed Limit of Detection

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

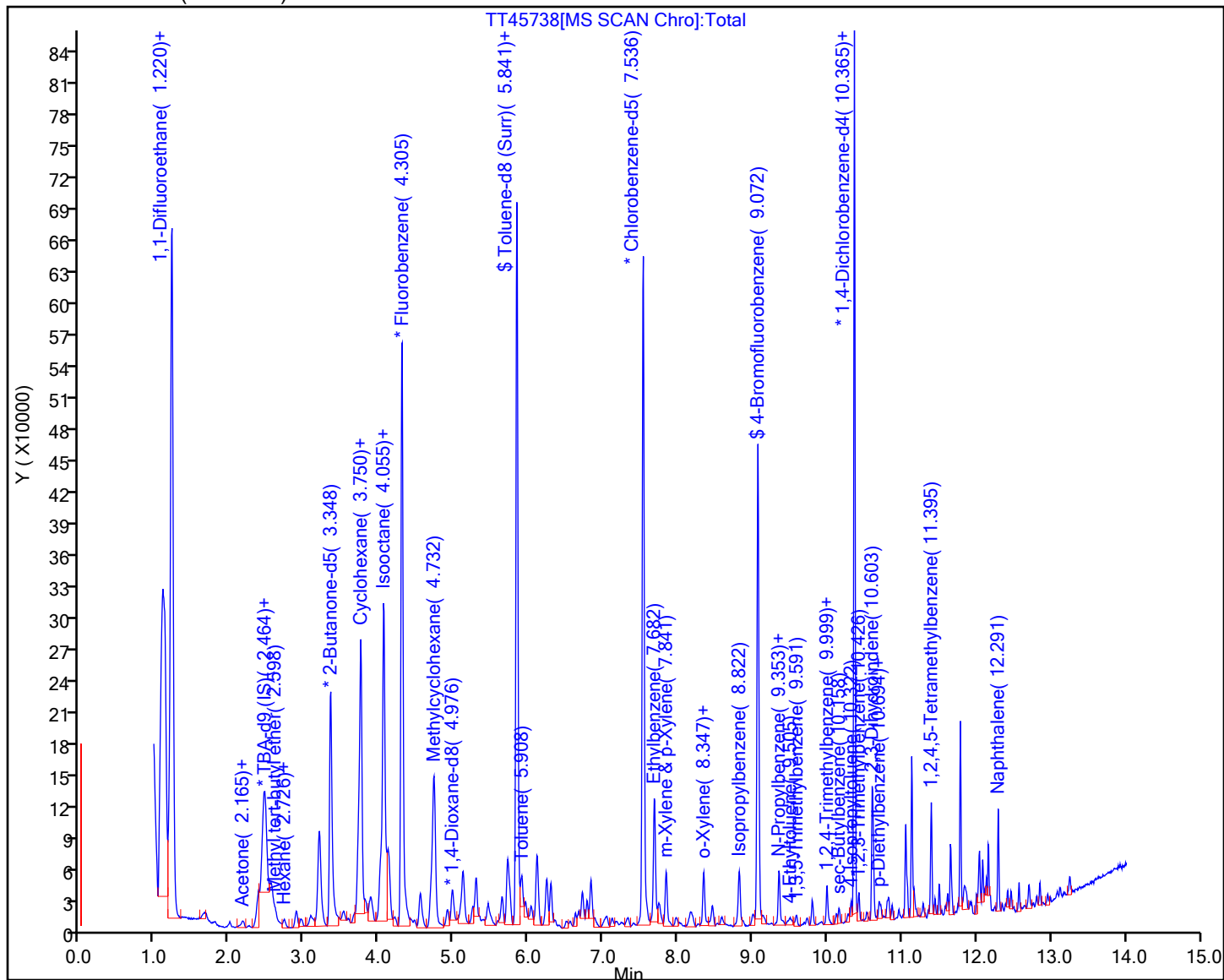
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

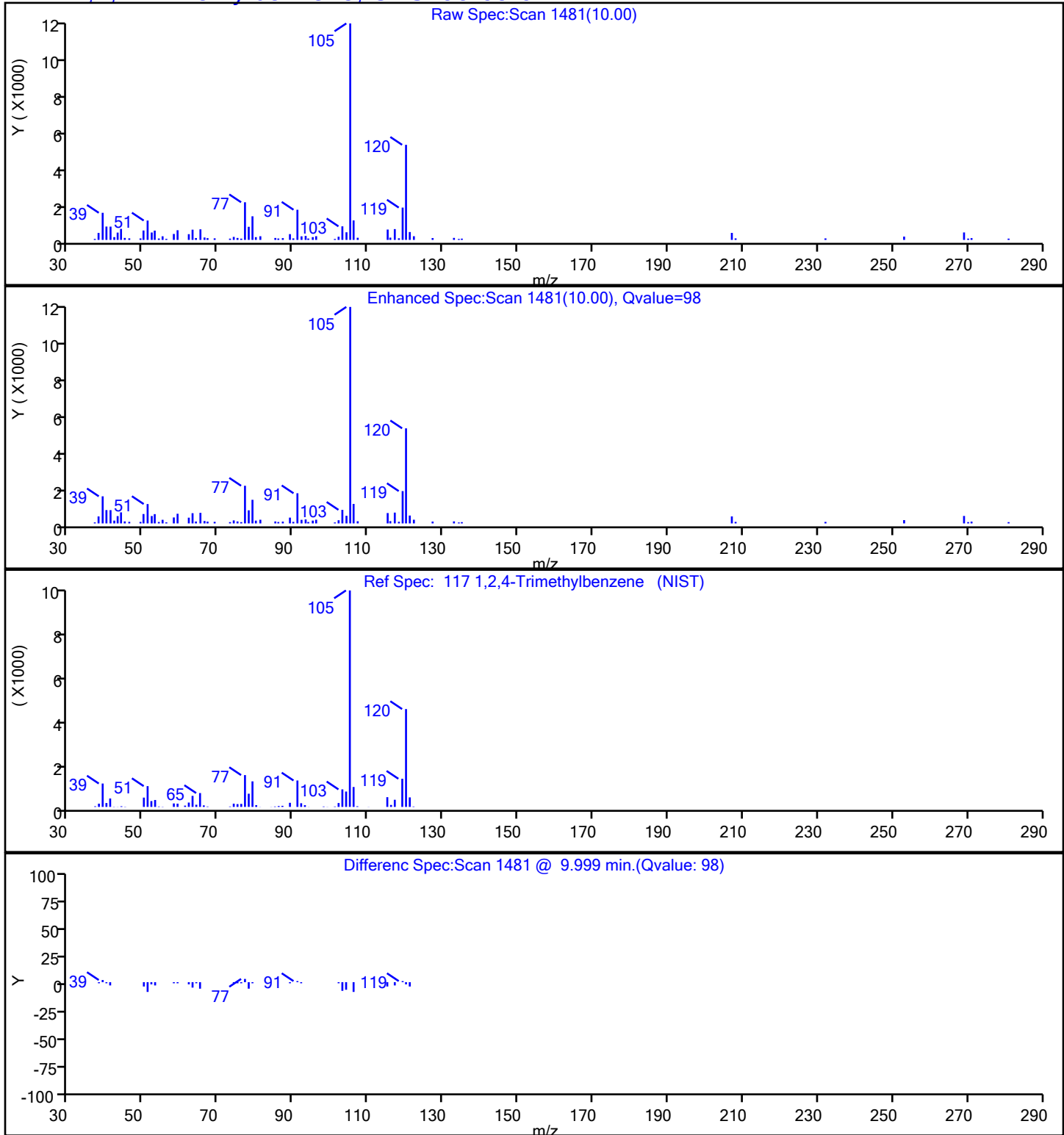
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**117 1,2,4-Trimethylbenzene, CAS: 95-63-6**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

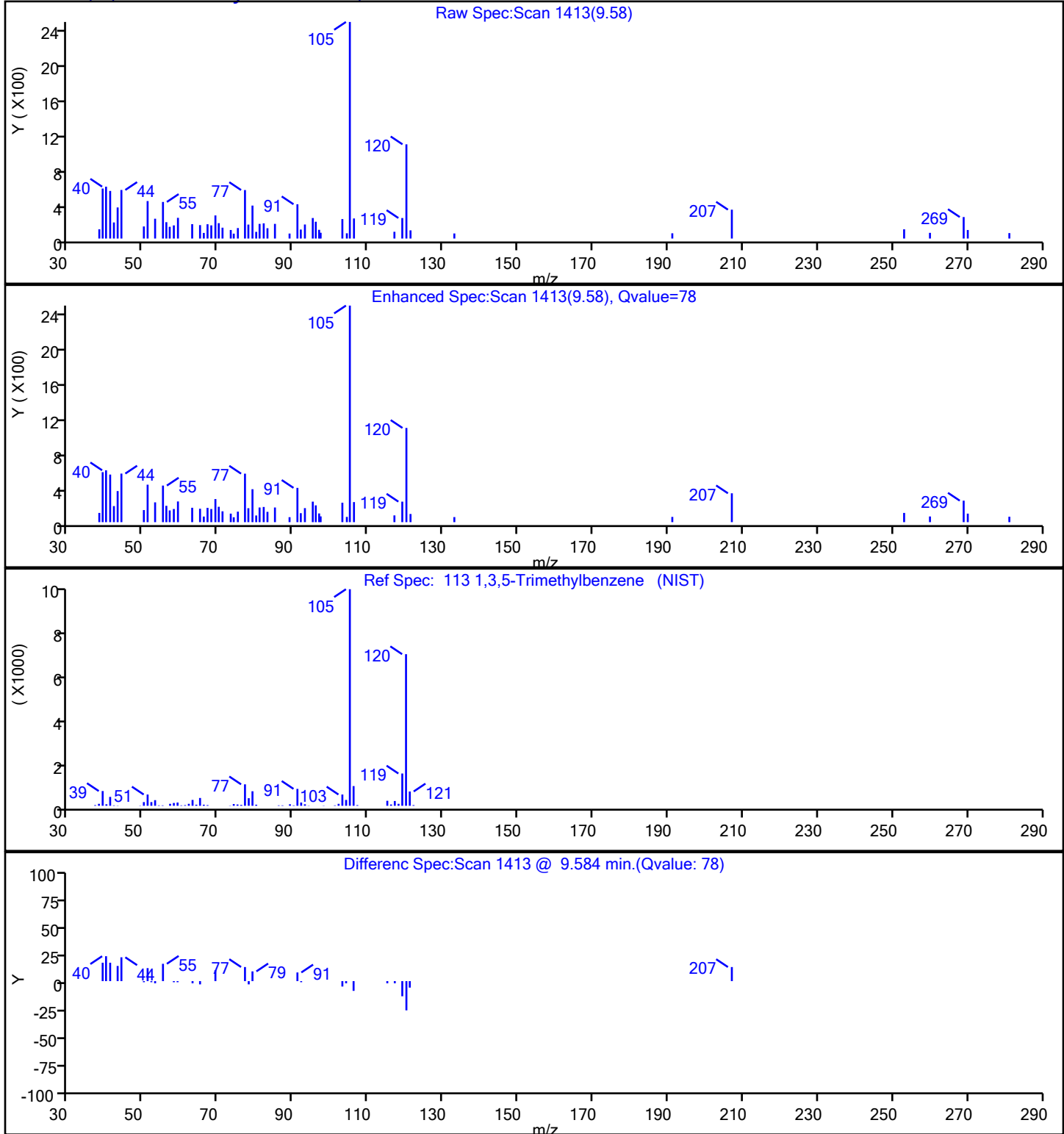
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**113 1,3,5-Trimethylbenzene, CAS: 108-67-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

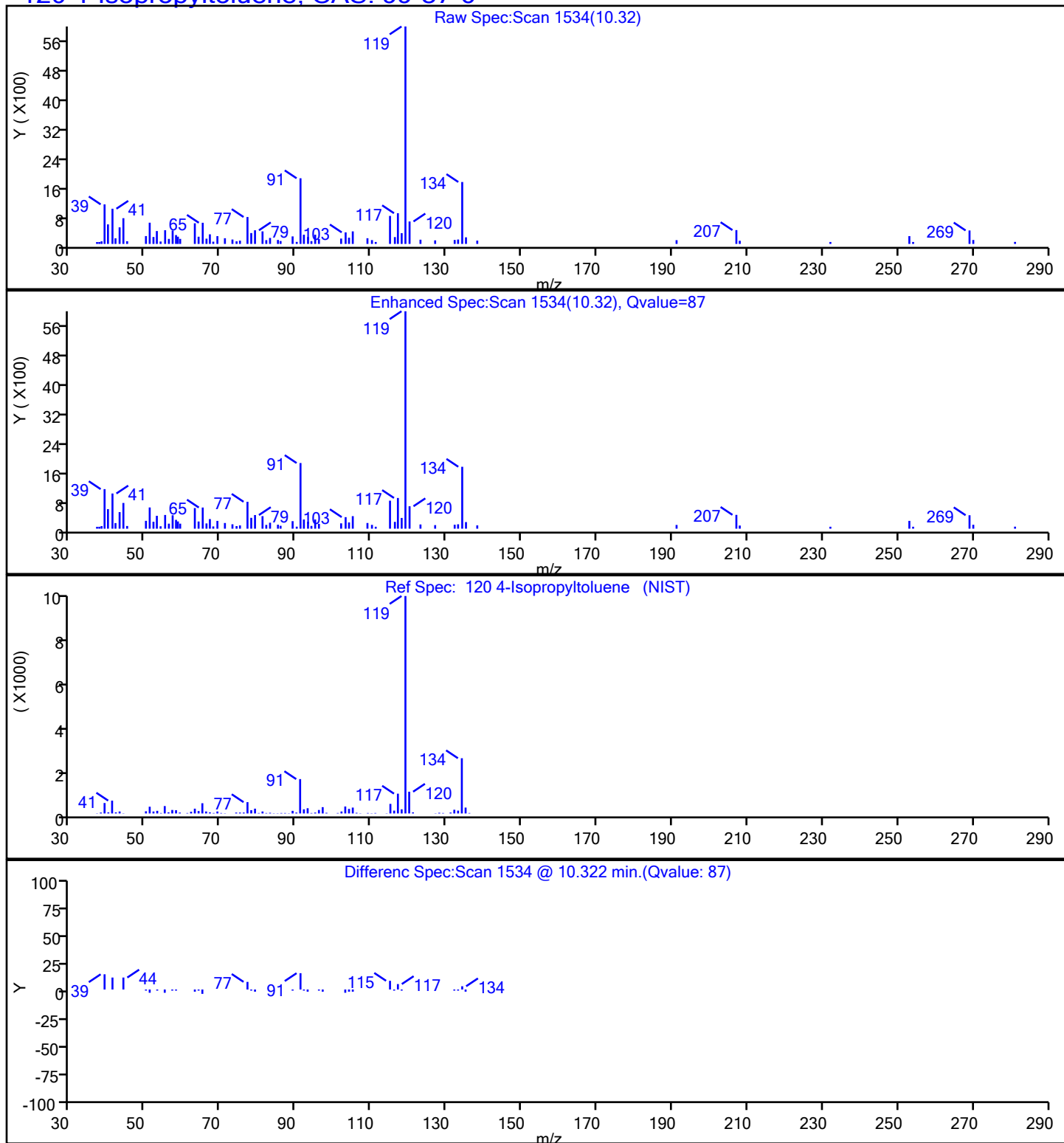
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**120 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

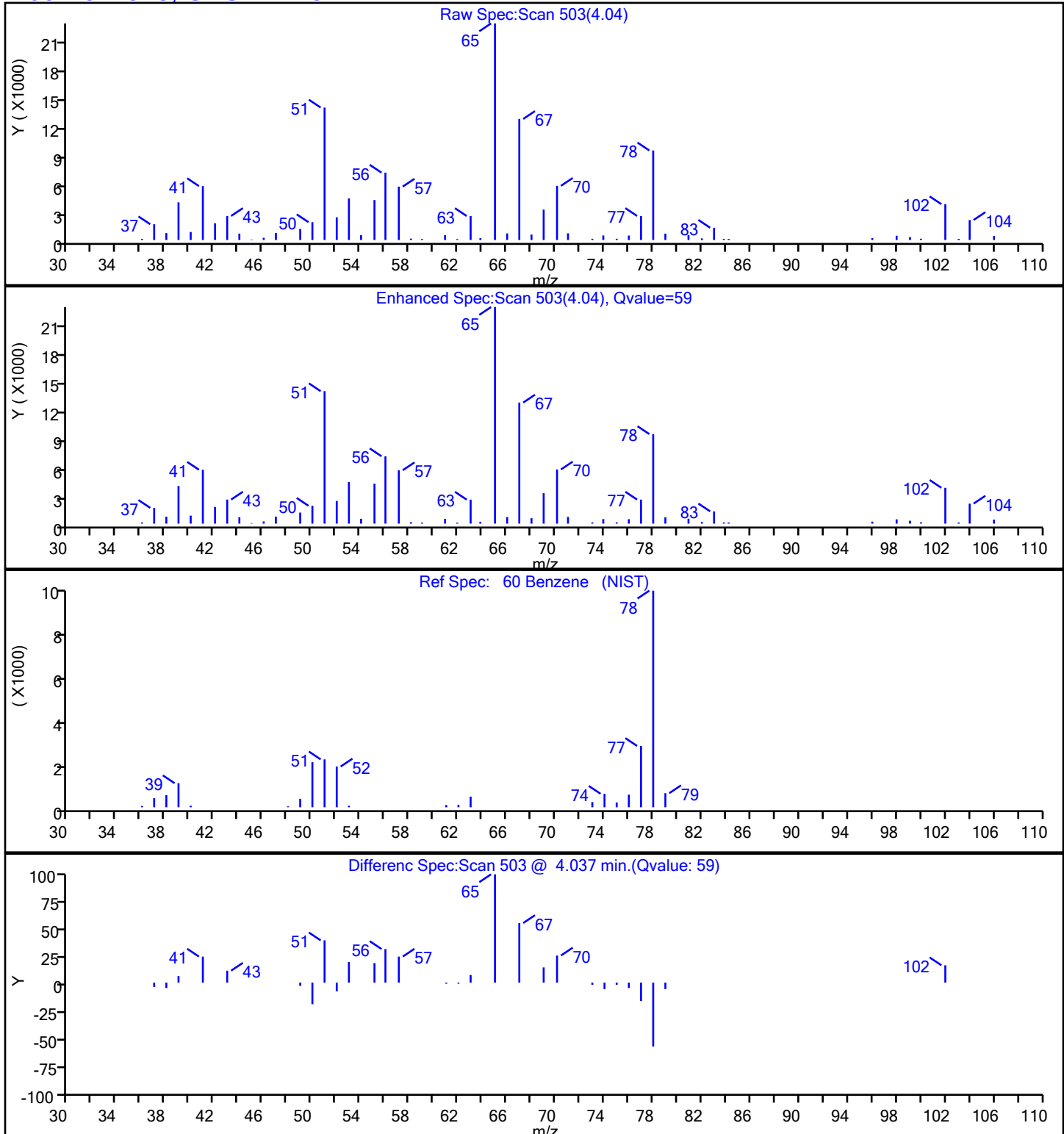
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**60 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

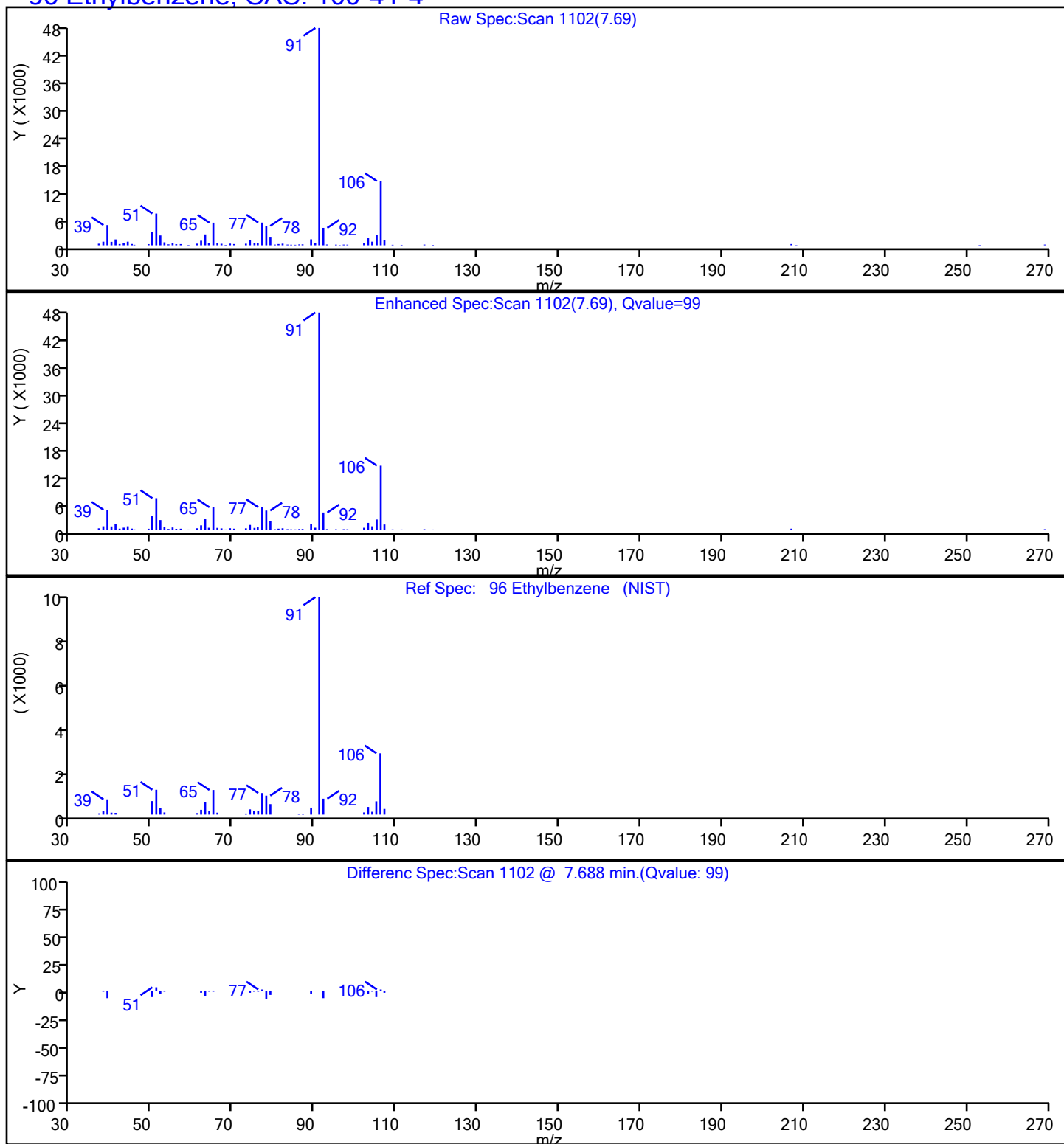
VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

## 96 Ethylbenzene, CAS: 100-41-4



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

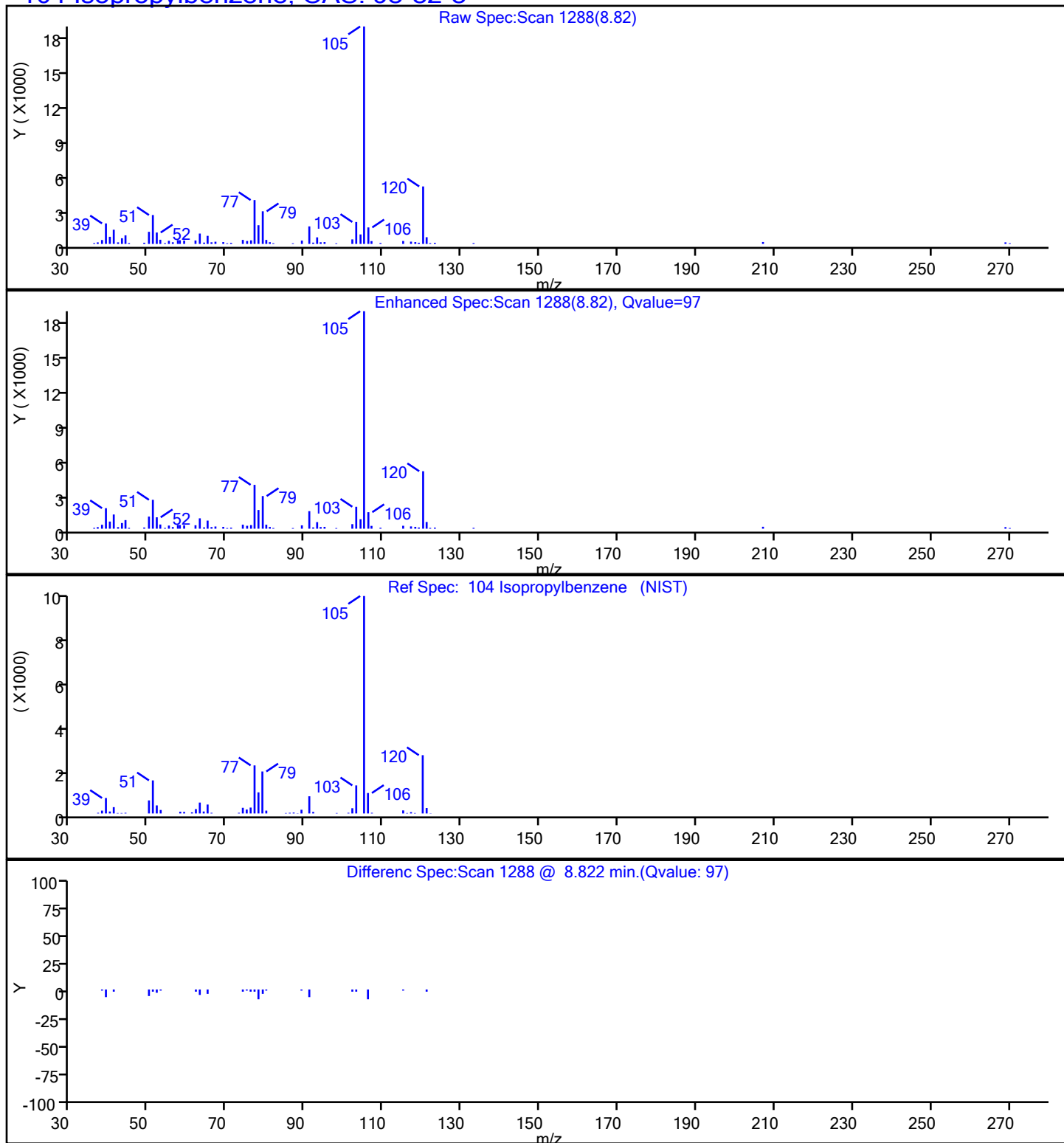
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

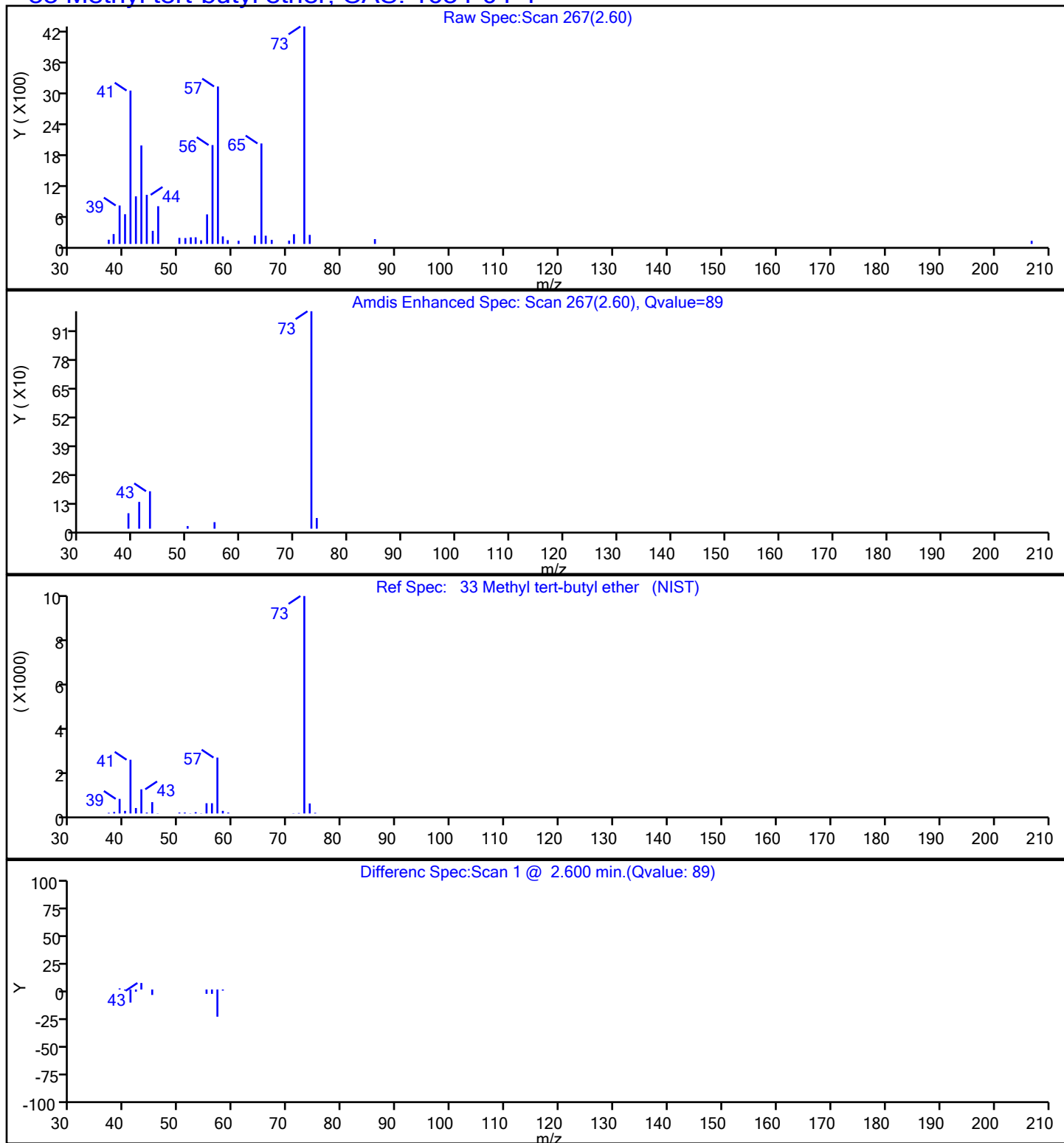
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

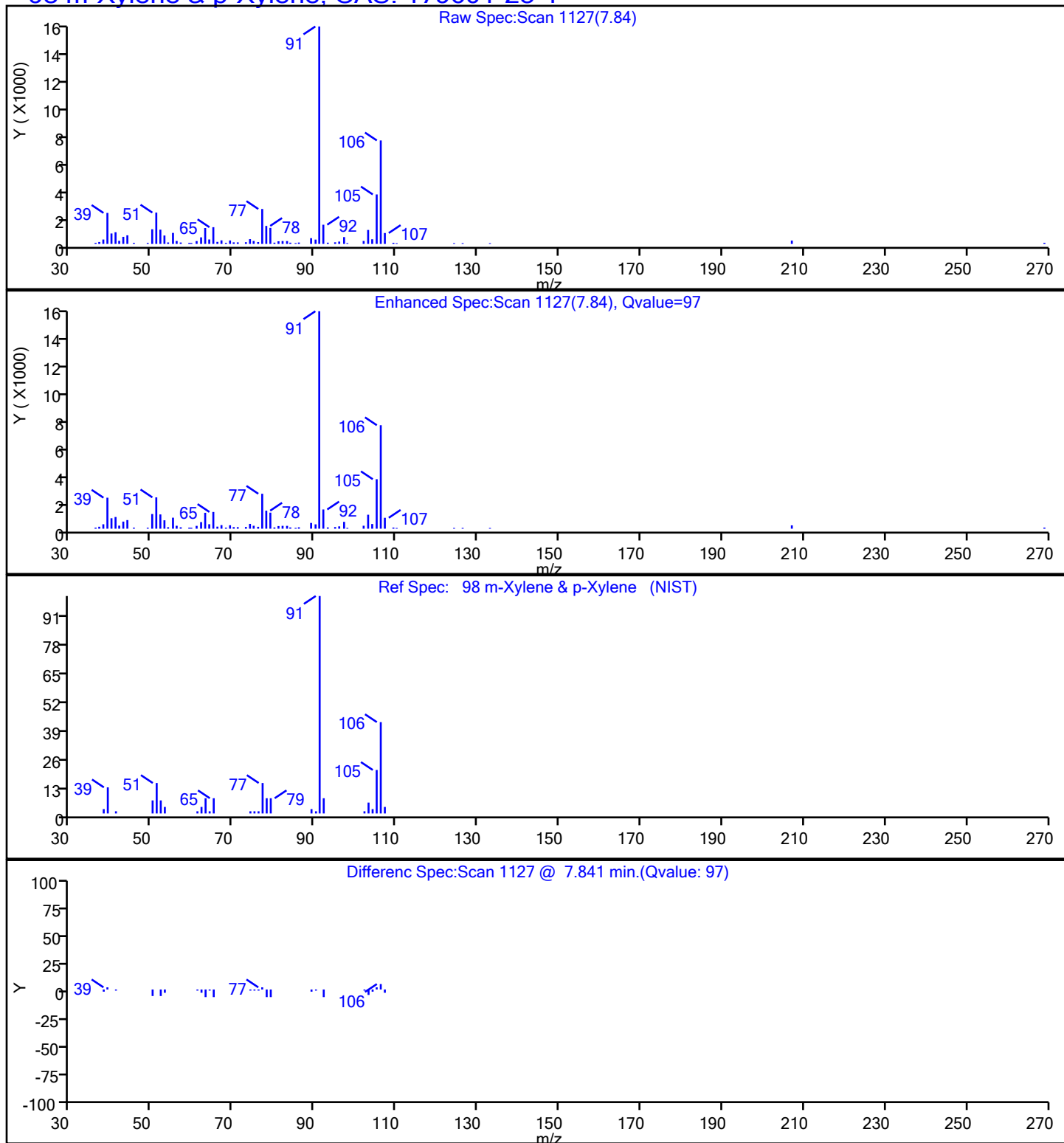
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

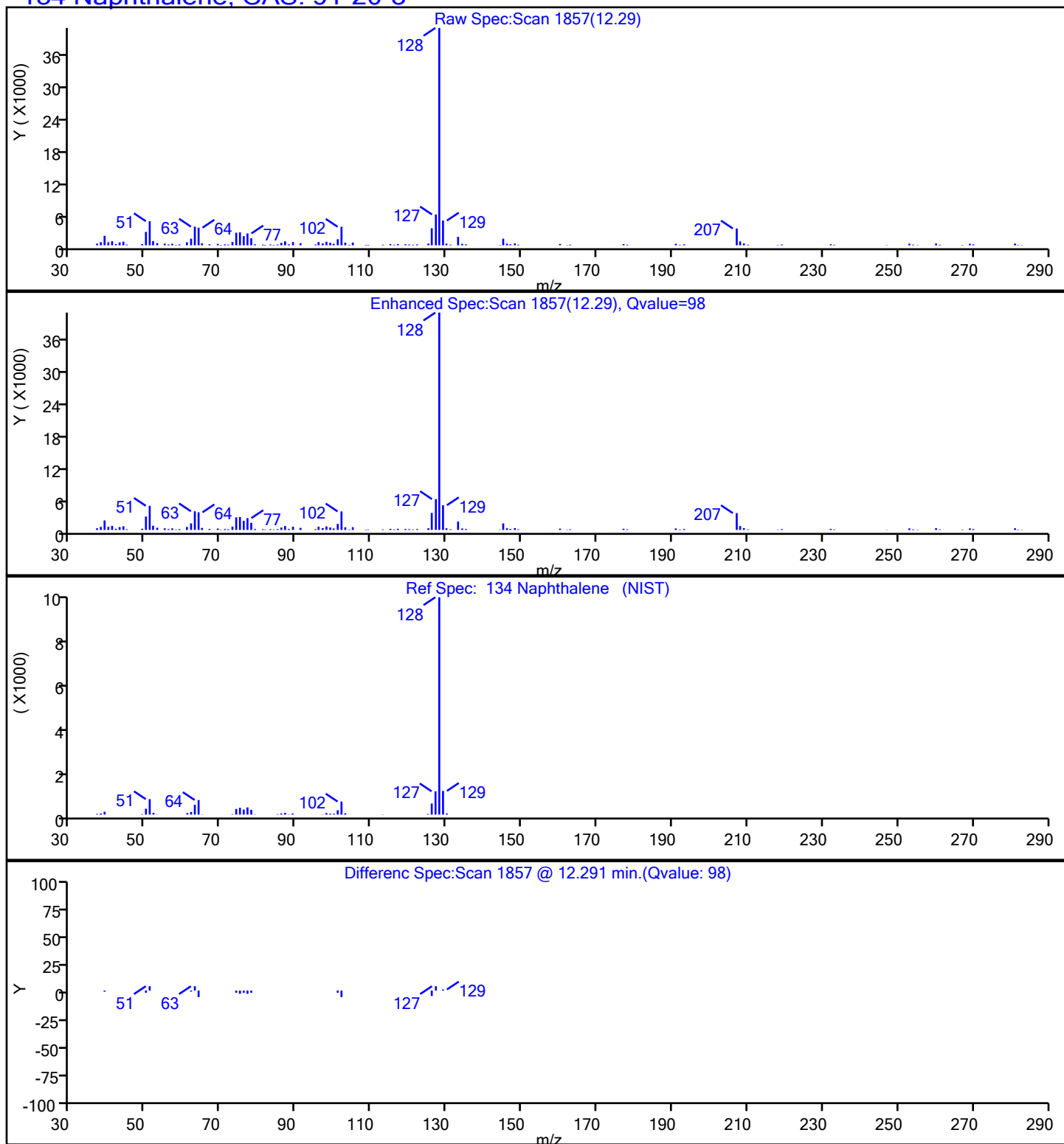
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**134 Naphthalene, CAS: 91-20-3**



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

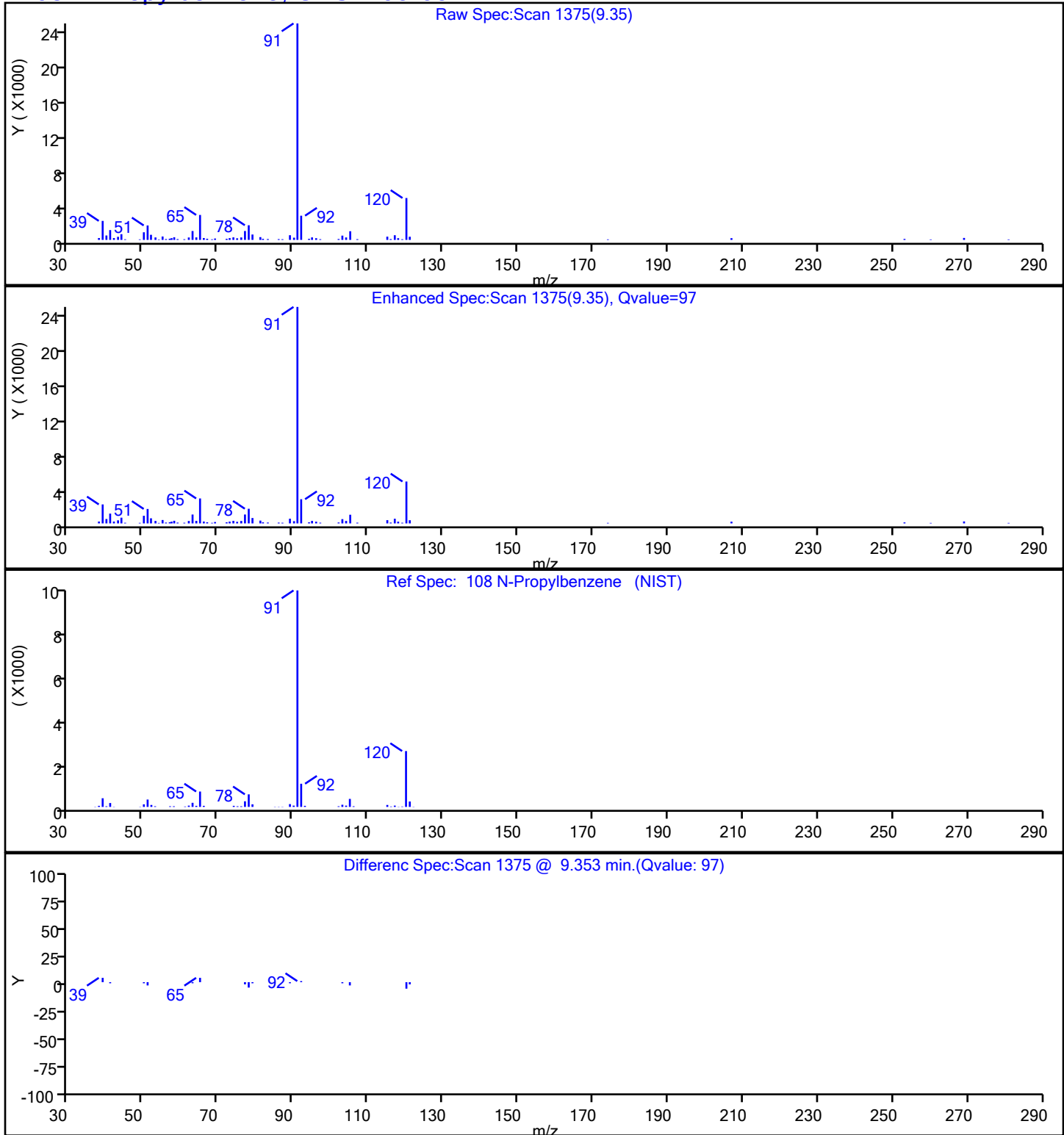
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**108 N-Propylbenzene, CAS: 103-65-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

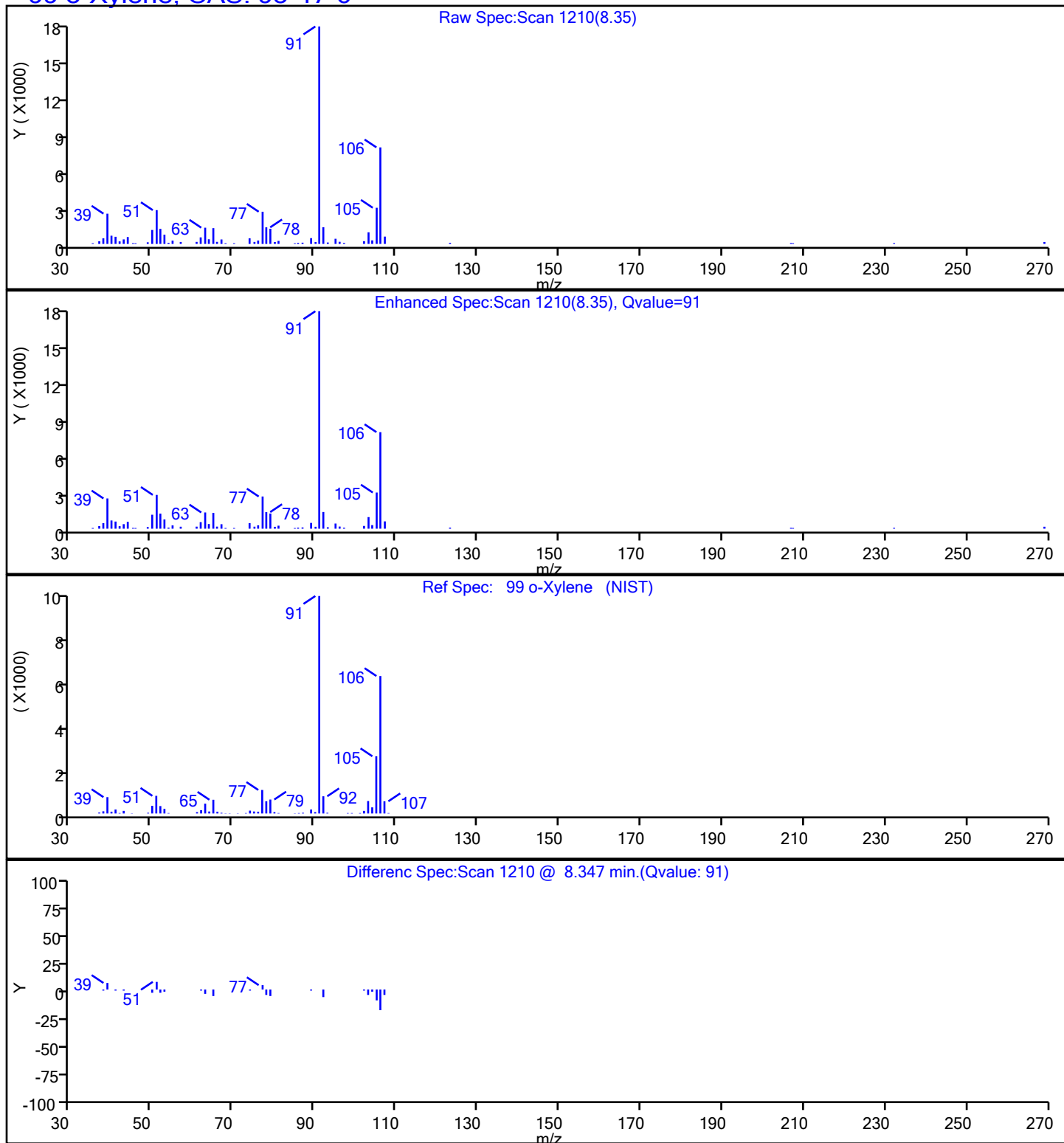
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**99 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

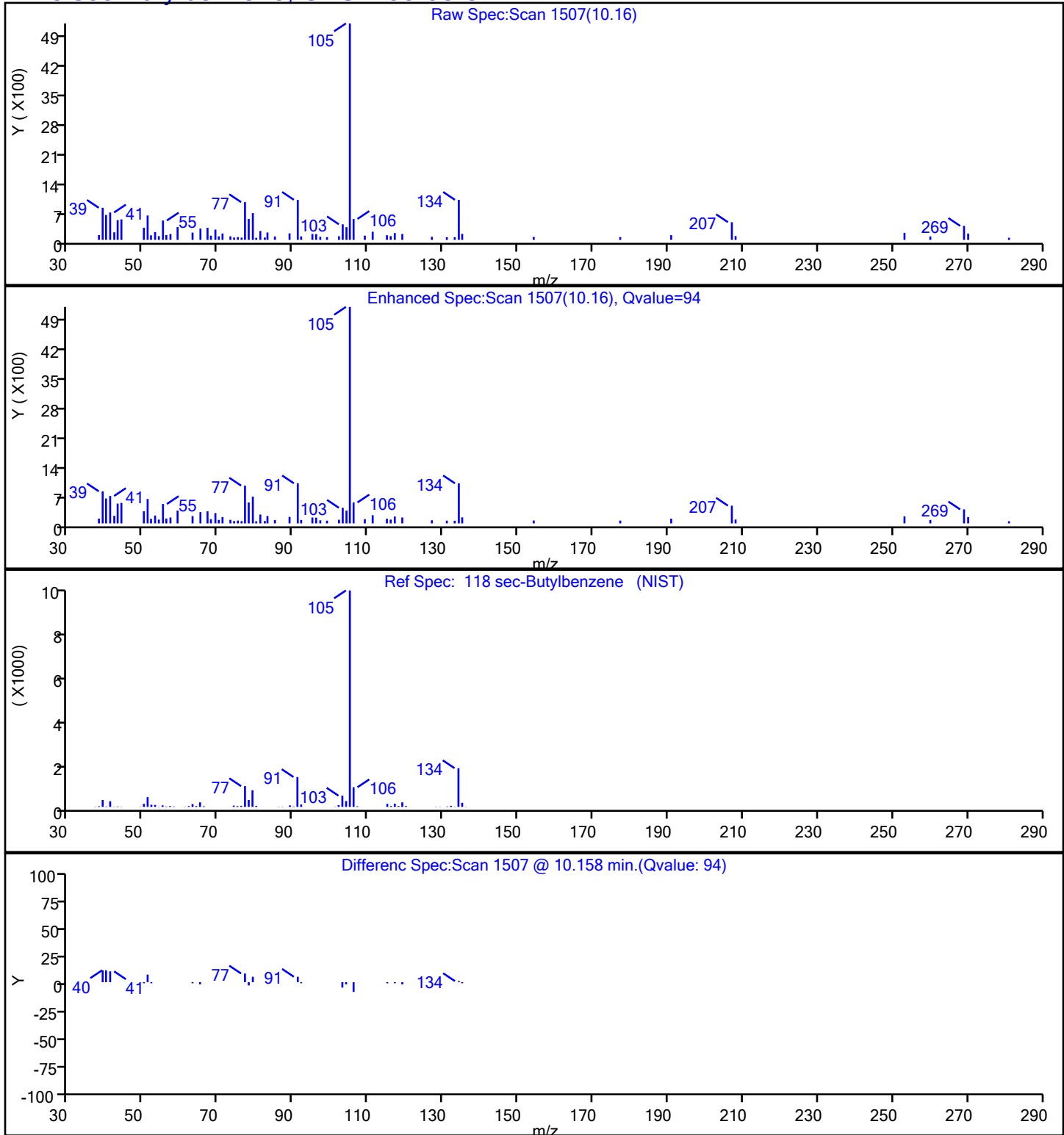
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

**118 sec-Butylbenzene, CAS: 135-98-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

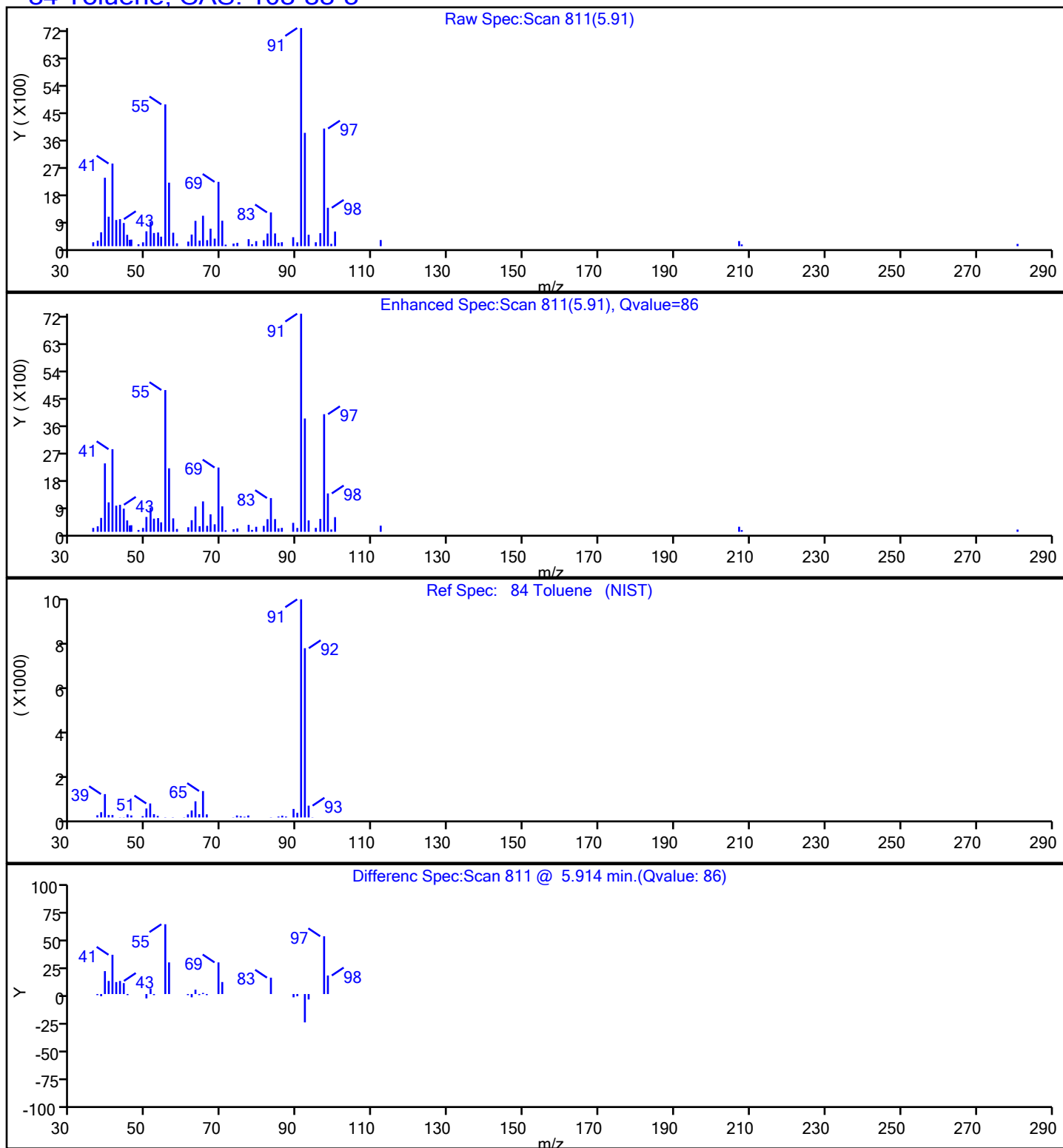
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**84 Toluene, CAS: 108-88-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45738.D

Injection Date: 13-Oct-2021 11:15:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1

Lab Sample ID: 460-244788-1

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

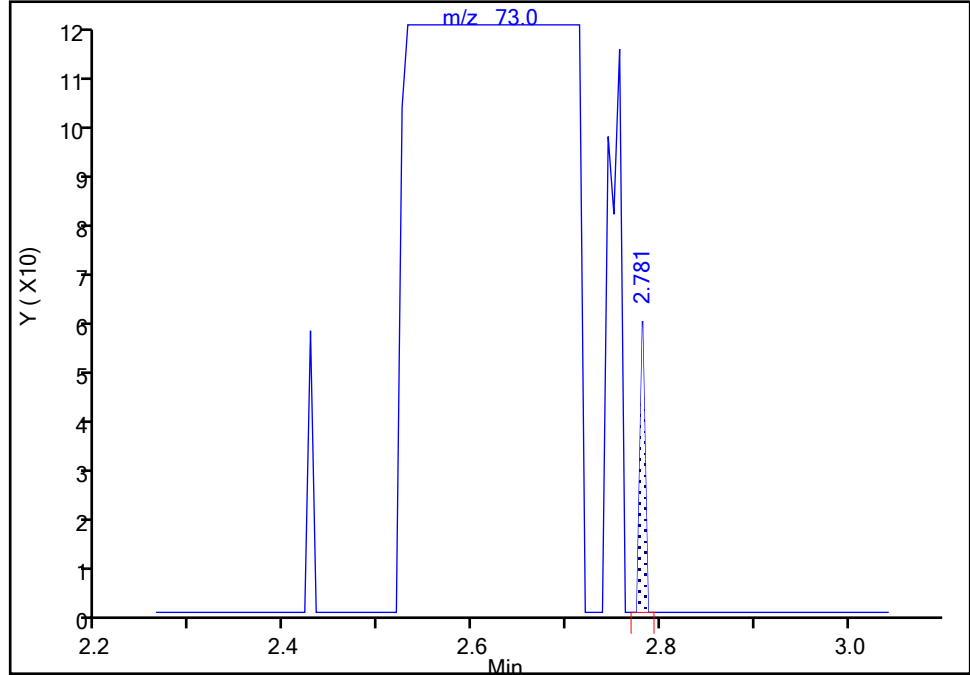
MS Quad

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

Signal: 1

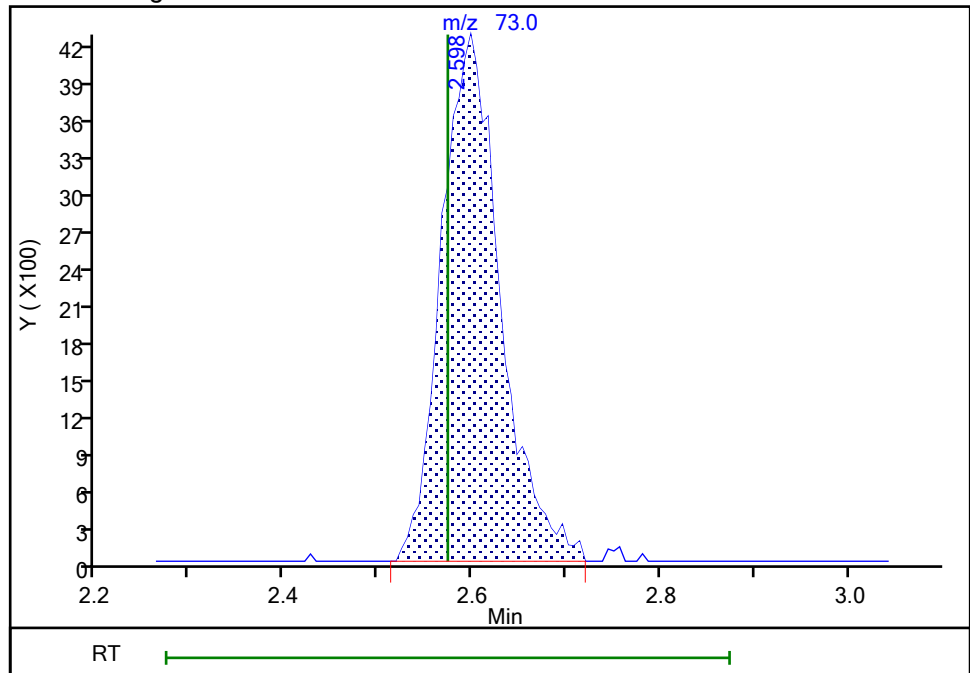
RT: 2.78  
Area: 22  
Amount: 0.002046  
Amount Units: ug/l

## Processing Integration Results



RT: 2.60  
Area: 18366  
Amount: 1.708444  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 14:35:47

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20211008 Lab Sample ID: 460-244788-2  
 Matrix: Water Lab File ID: TT45739.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 11:05  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 11:35  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	5.5		1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	1.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.30	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.34	J	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.44	J	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45739.D  
 Lims ID: 460-244788-A-2  
 Client ID: MW-02\_20211008  
 Sample Type: Client  
 Inject. Date: 13-Oct-2021 11:35:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-2  
 Misc. Info.: 460-0135933-016  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 12:33:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.476	2.452	0.024	0	48965	1000.0	
33 Methyl tert-butyl ether	73	2.592	2.574	0.018	55	3333	0.3047	
* 42 2-Butanone-d5	46	3.348	3.336	0.012	99	378496	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.756	3.738	0.018	94	123268	50.0	
60 Benzene	78	4.037	4.025	0.013	93	77623	5.48	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.049	0.012	86	176867	50.3	
* 66 Fluorobenzene	96	4.305	4.293	0.012	97	492821	50.0	
* 72 1,4-Dioxane-d8	96	4.988	4.963	0.025	42	17916	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	97	461721	52.1	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	90	336061	50.0	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	83	1758	0.3436	
104 Isopropylbenzene	105	8.822	8.822	0.000	95	14880	1.08	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	118365	49.6	
108 N-Propylbenzene	91	9.359	9.353	0.006	91	7916	0.4424	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	97	165782	50.0	
134 Naphthalene	128	12.291	12.291	0.000	94	5786	0.5030	
S 137 Xylenes, Total	100				0		0.3436	

## QC Flag Legend

Processing Flags

## Reagents:

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45739.D

Injection Date: 13-Oct-2021 11:35:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-2

Lab Sample ID: 460-244788-2

Client ID: MW-02\_20211008

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

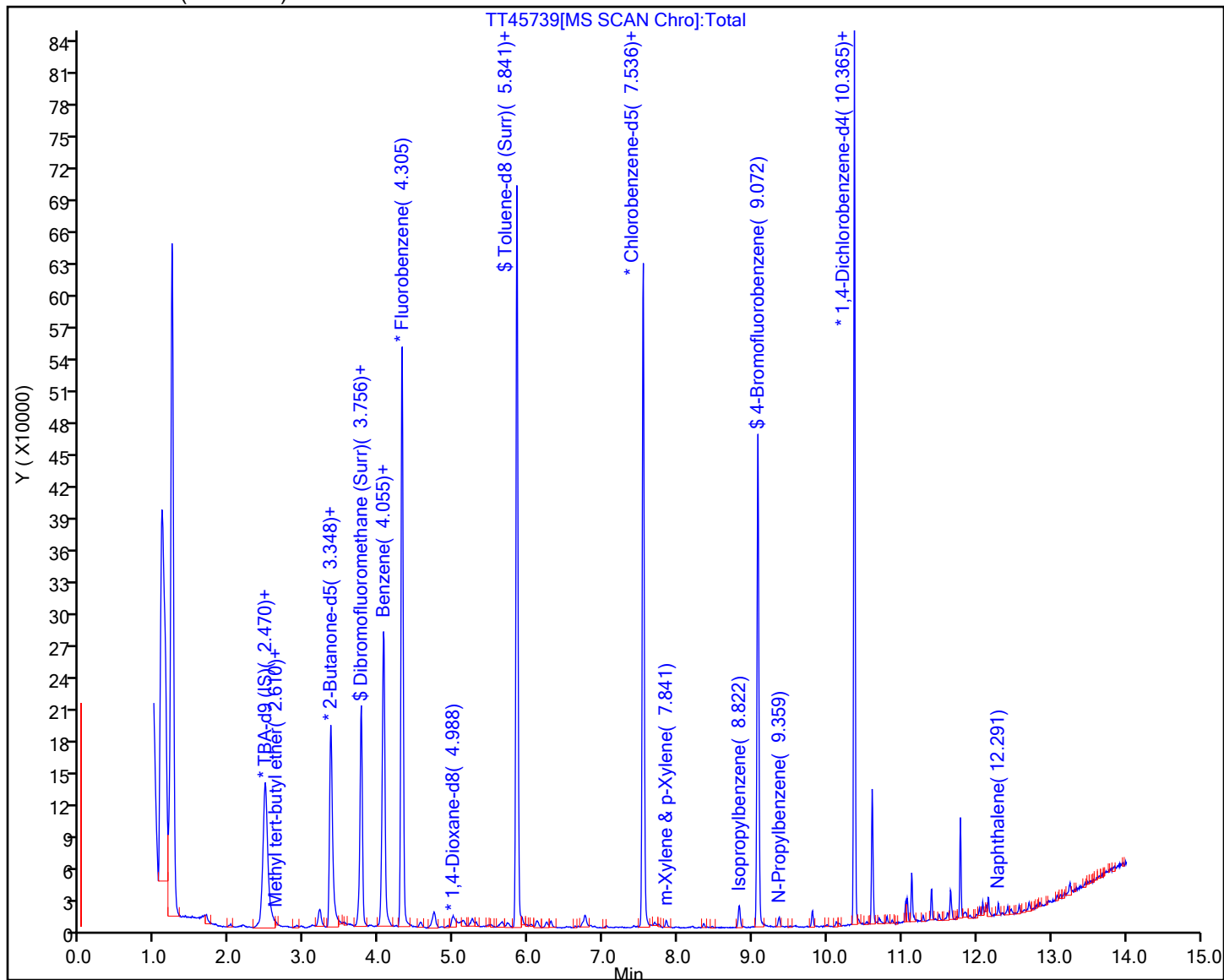
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)





## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45739.D

Injection Date: 13-Oct-2021 11:35:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-2

Lab Sample ID: 460-244788-2

Client ID: MW-02\_20211008

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

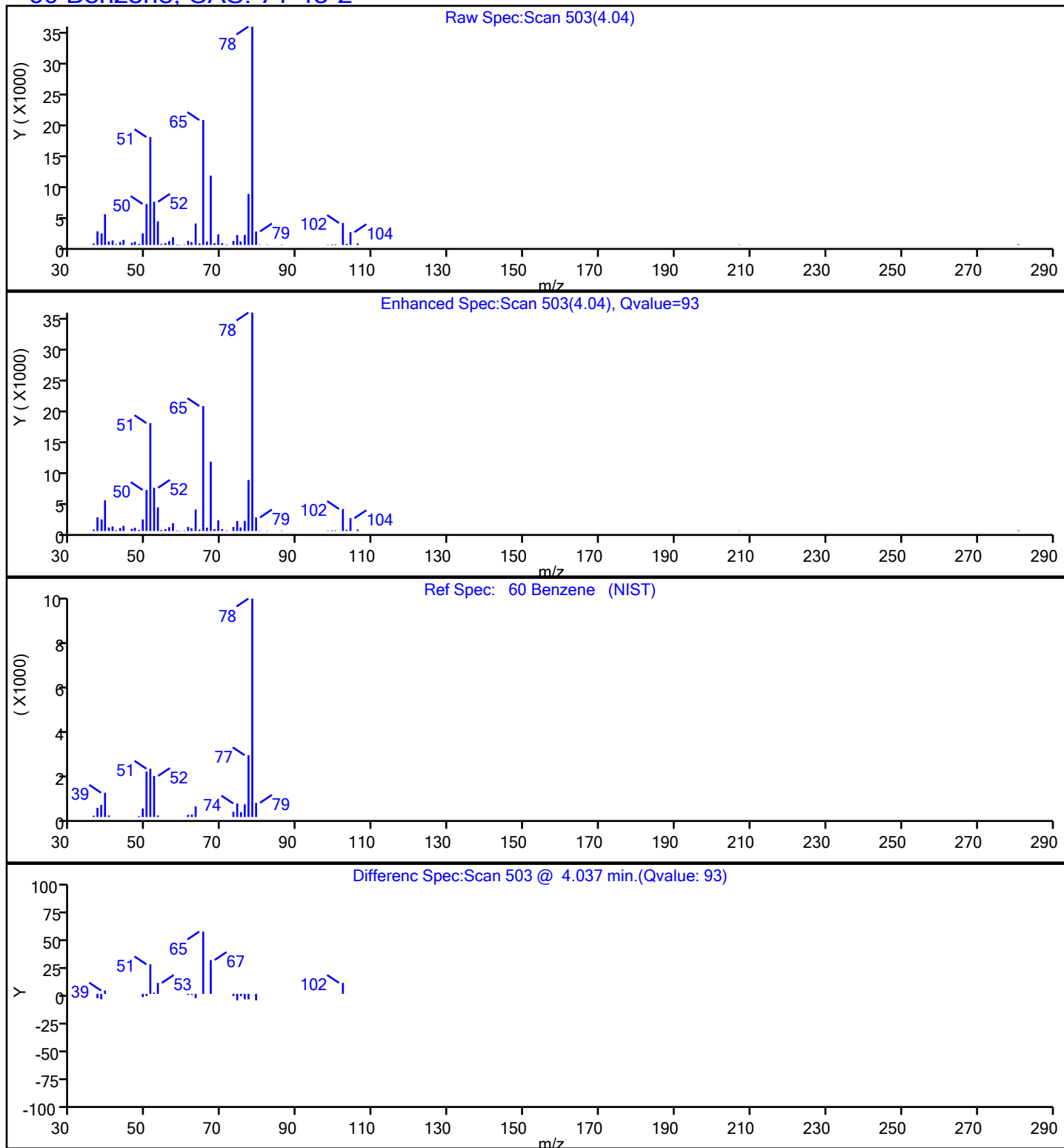
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**60 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45739.D

Injection Date: 13-Oct-2021 11:35:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-2

Lab Sample ID: 460-244788-2

Client ID: MW-02\_20211008

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

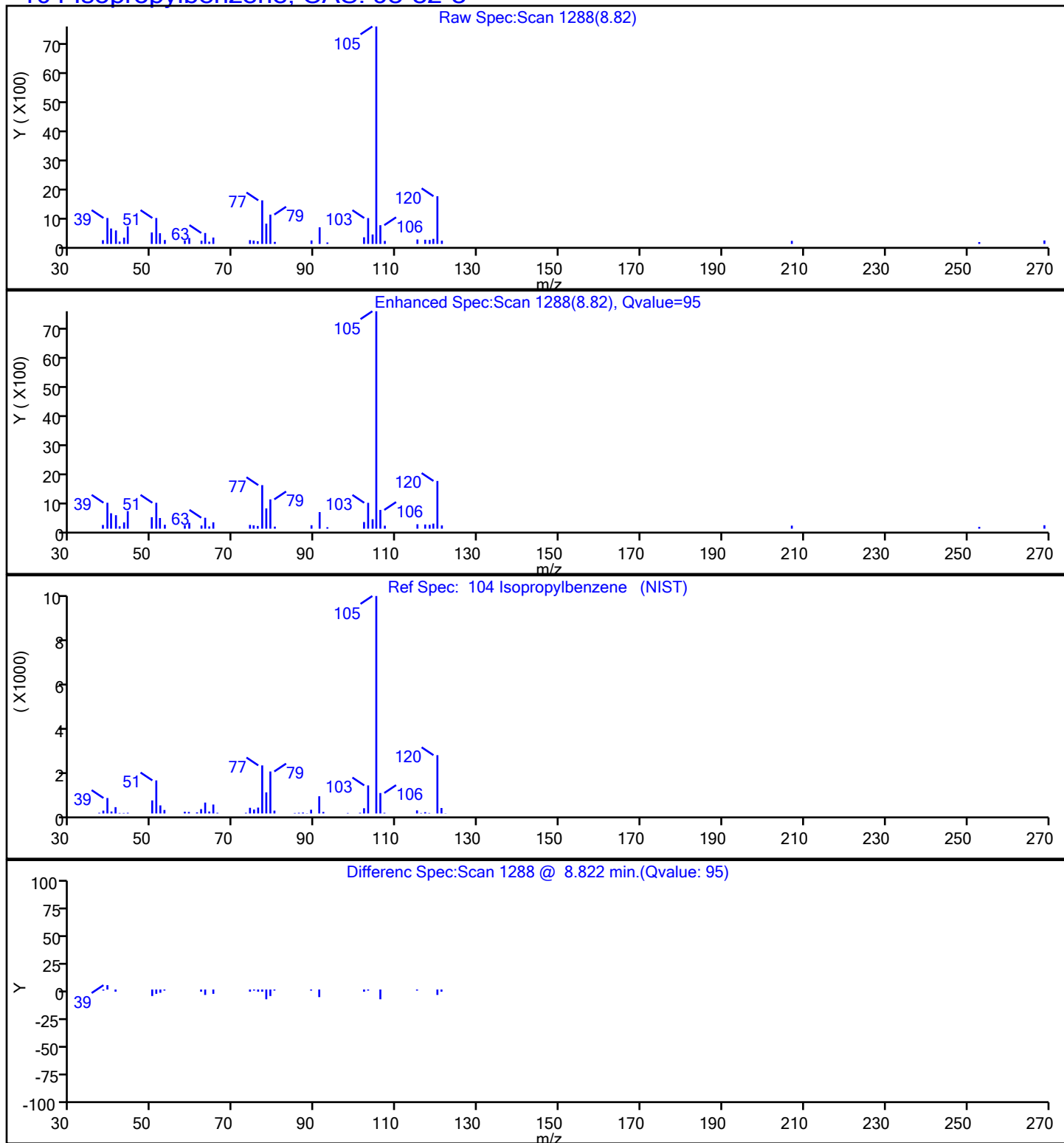
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45739.D

Injection Date: 13-Oct-2021 11:35:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-2

Lab Sample ID: 460-244788-2

Client ID: MW-02\_20211008

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

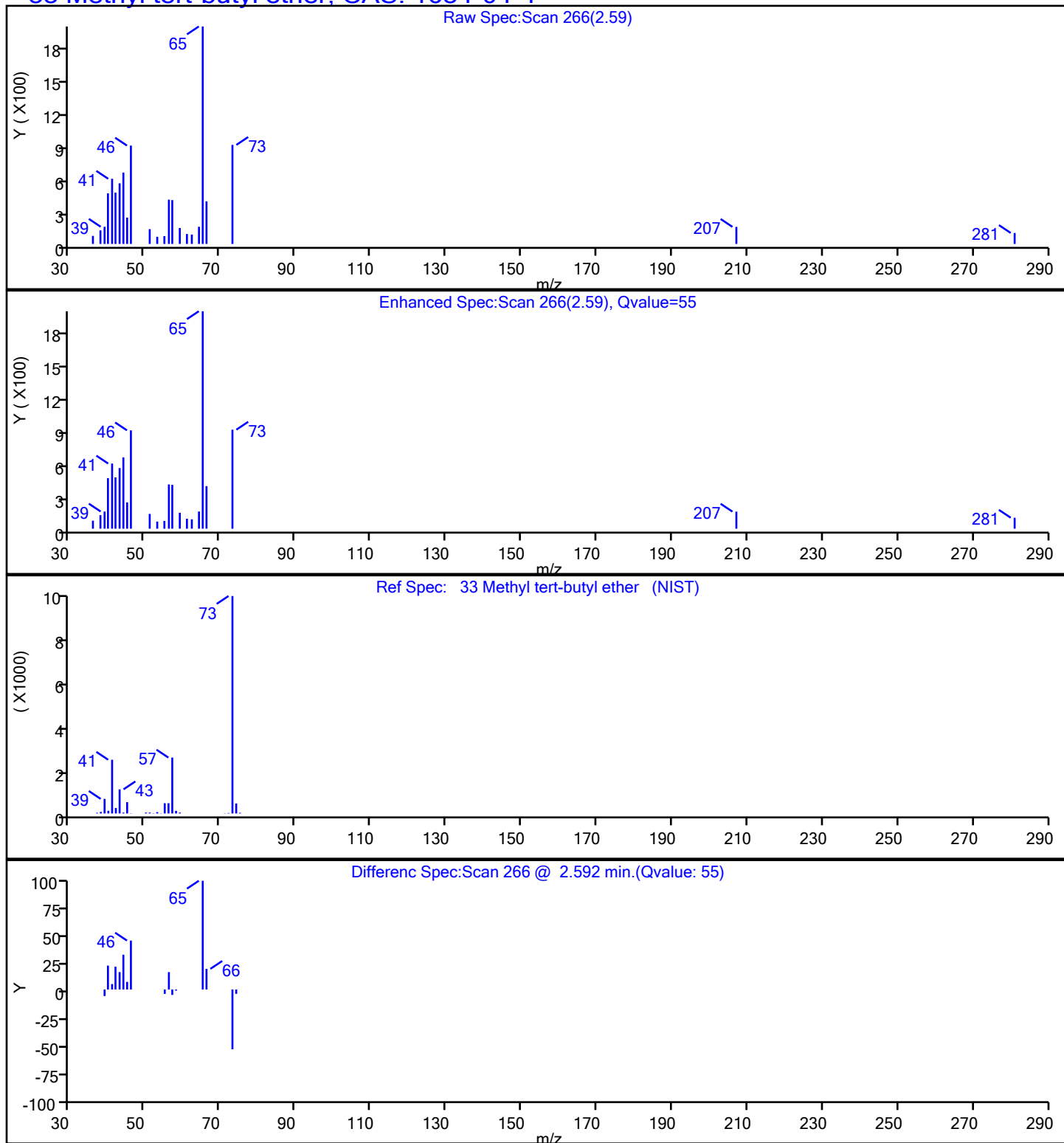
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45739.D

Injection Date: 13-Oct-2021 11:35:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-2

Lab Sample ID: 460-244788-2

Client ID: MW-02\_20211008

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

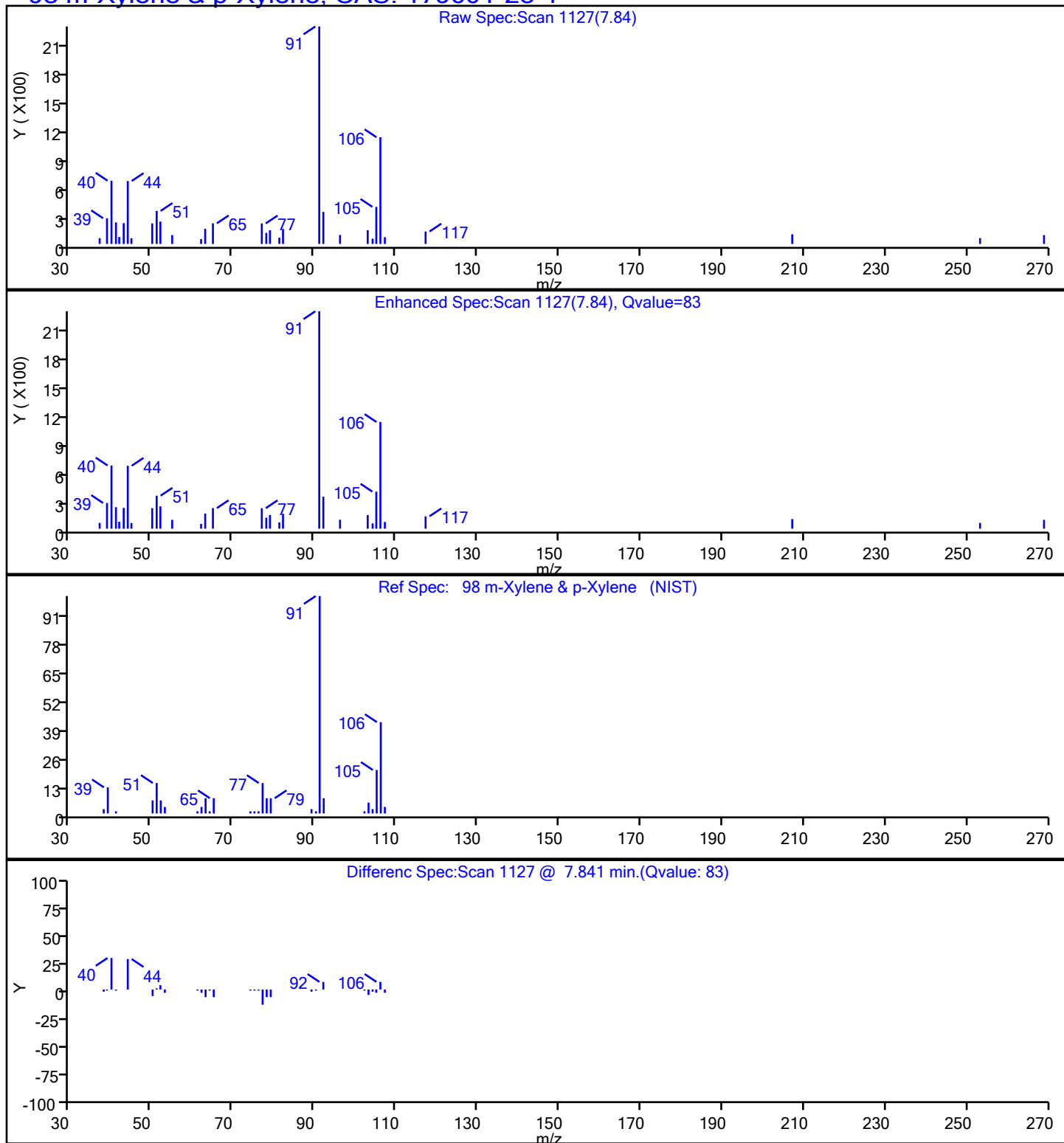
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45739.D

Injection Date: 13-Oct-2021 11:35:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-2

Lab Sample ID: 460-244788-2

Client ID: MW-02\_20211008

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

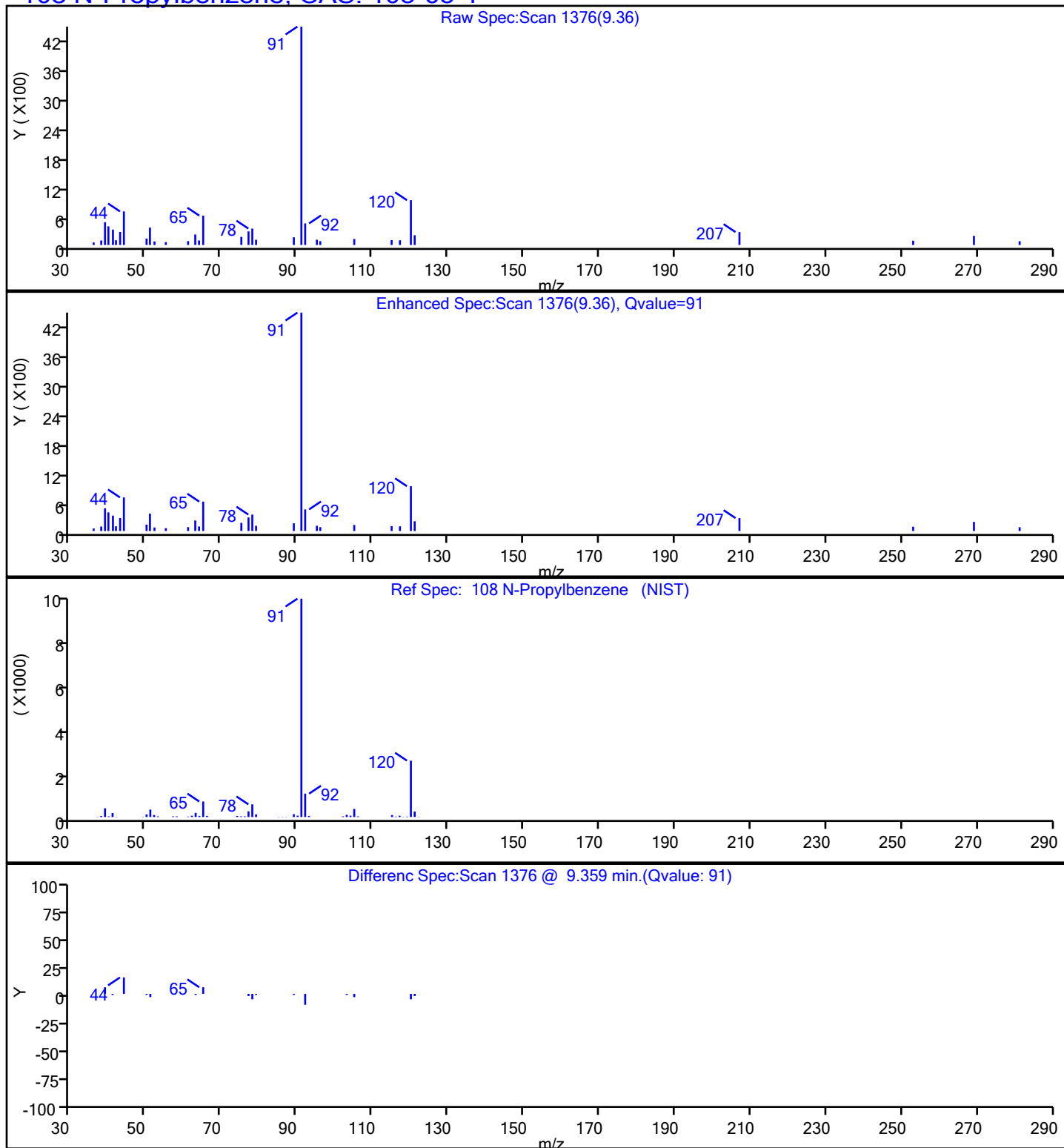
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**108 N-Propylbenzene, CAS: 103-65-1**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-03\_20211008 Lab Sample ID: 460-244788-3  
 Matrix: Water Lab File ID: TT45740.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 12:20  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 11:56  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	J	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	12		1.0	0.37
71-43-2	Benzene	0.62	J	1.0	0.20
100-41-4	Ethylbenzene	0.38	J	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.61	J	1.0	0.30
91-20-3	Naphthalene	1.3		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.42	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	1.1		1.0	0.38
1330-20-7	Xylenes, Total	1.0	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D  
 Lims ID: 460-244788-A-3  
 Client ID: MW-03\_20211008  
 Sample Type: Client  
 Inject. Date: 13-Oct-2021 11:56:30 ALS Bottle#: 16 Worklist Smp#: 17  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-3  
 Misc. Info.: 460-0135933-017  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 12:32:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.470	2.452	0.018	97	49282	1000.0	
33 Methyl tert-butyl ether	73	2.586	2.574	0.012	84	1233	0.1176	a
* 42 2-Butanone-d5	46	3.348	3.336	0.012	99	376726	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.756	3.738	0.018	95	116571	49.3	
60 Benzene	78	4.043	4.025	0.019	43	8371	0.6209	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.049	0.012	86	167391	49.6	
* 66 Fluorobenzene	96	4.305	4.293	0.012	96	472513	50.0	
* 72 1,4-Dioxane-d8	96	4.982	4.963	0.019	51	20227	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	98	438421	52.0	
84 Toluene	91	5.914	5.908	0.006	87	13773	1.09	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	90	319715	50.0	
96 Ethylbenzene	106	7.688	7.682	0.006	94	1519	0.3777	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	93	2950	0.6060	
99 o-Xylene	106	8.341	8.341	0.000	82	2108	0.4171	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	111602	49.1	
117 1,2,4-Trimethylbenzene	105	9.999	9.999	0.000	86	4255	0.3705	
120 4-Isopropyltoluene	119	10.322	10.322	0.000	91	143278	12.1	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	97	160854	50.0	
134 Naphthalene	128	12.291	12.291	0.000	96	14516	1.30	
S 137 Xylenes, Total	100				0		1.02	

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

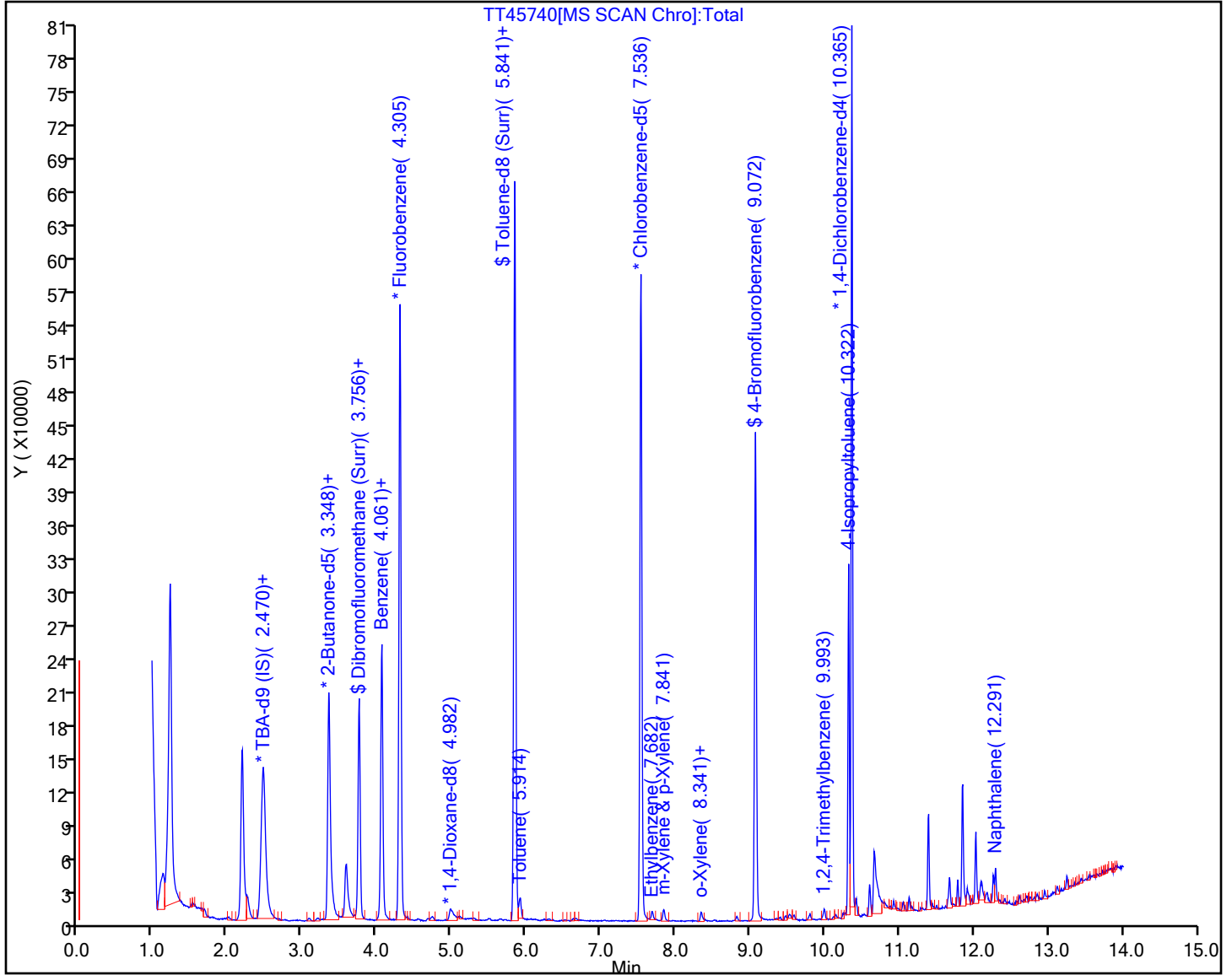
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)





## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

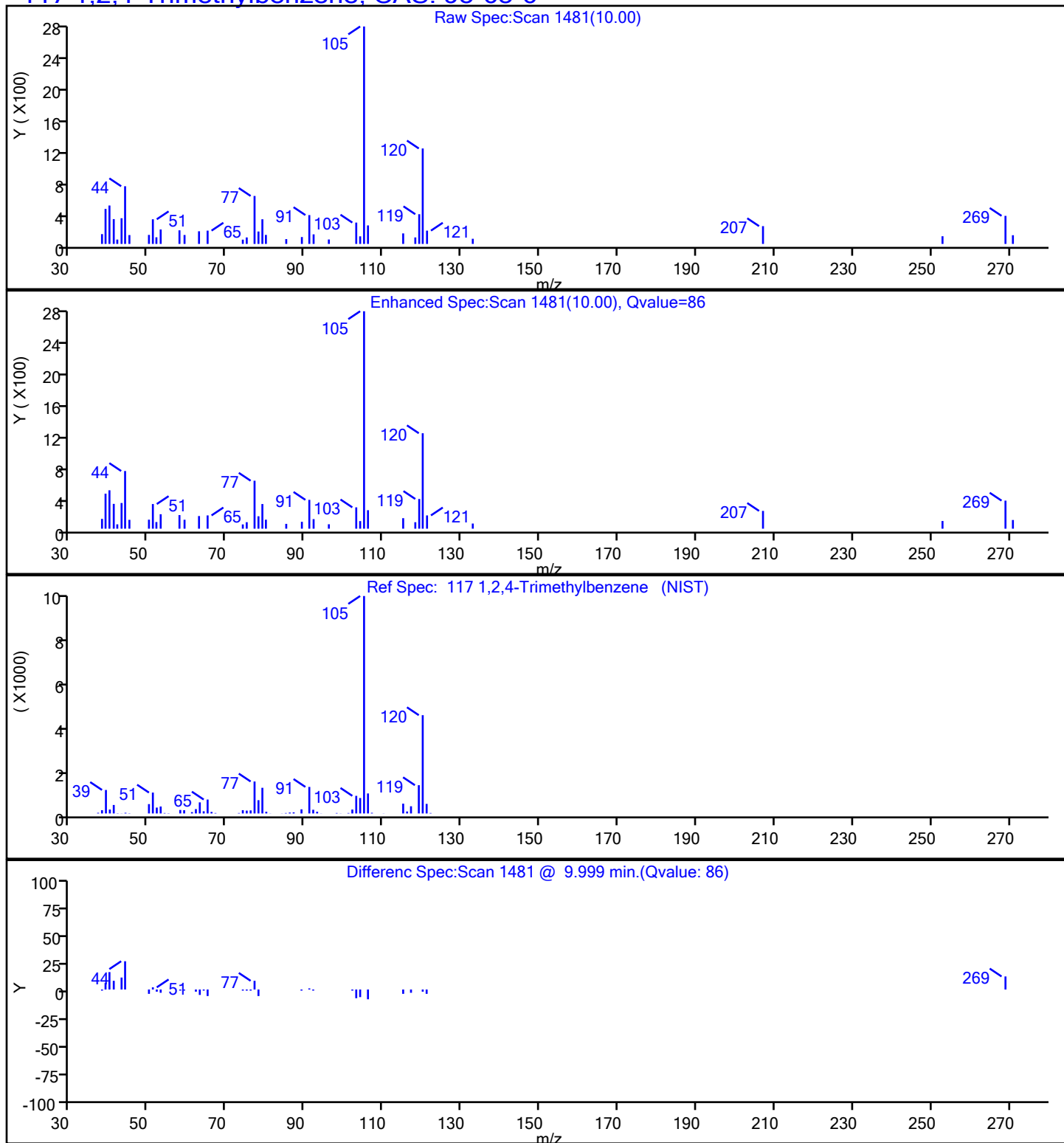
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**117 1,2,4-Trimethylbenzene, CAS: 95-63-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

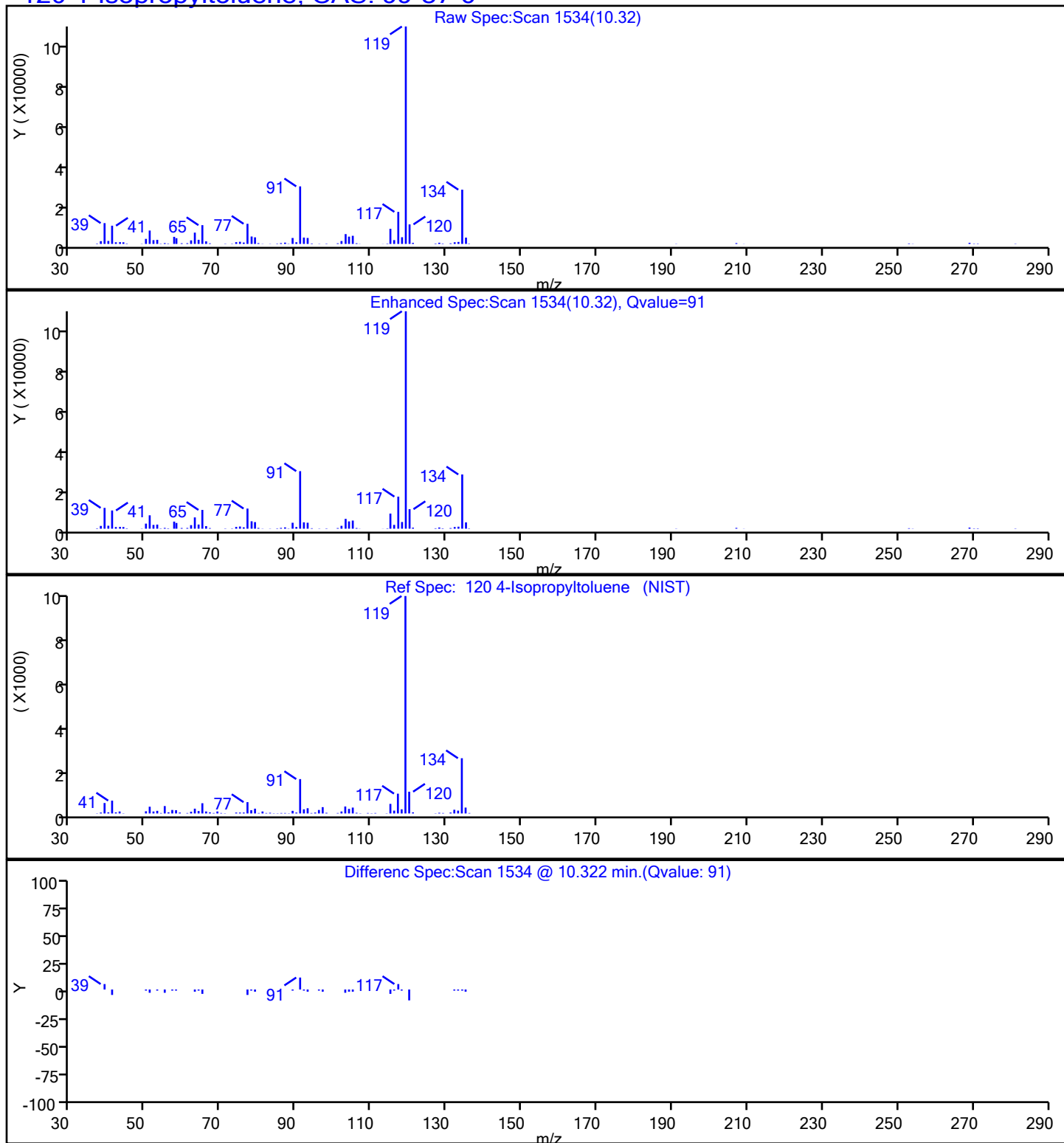
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**120 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

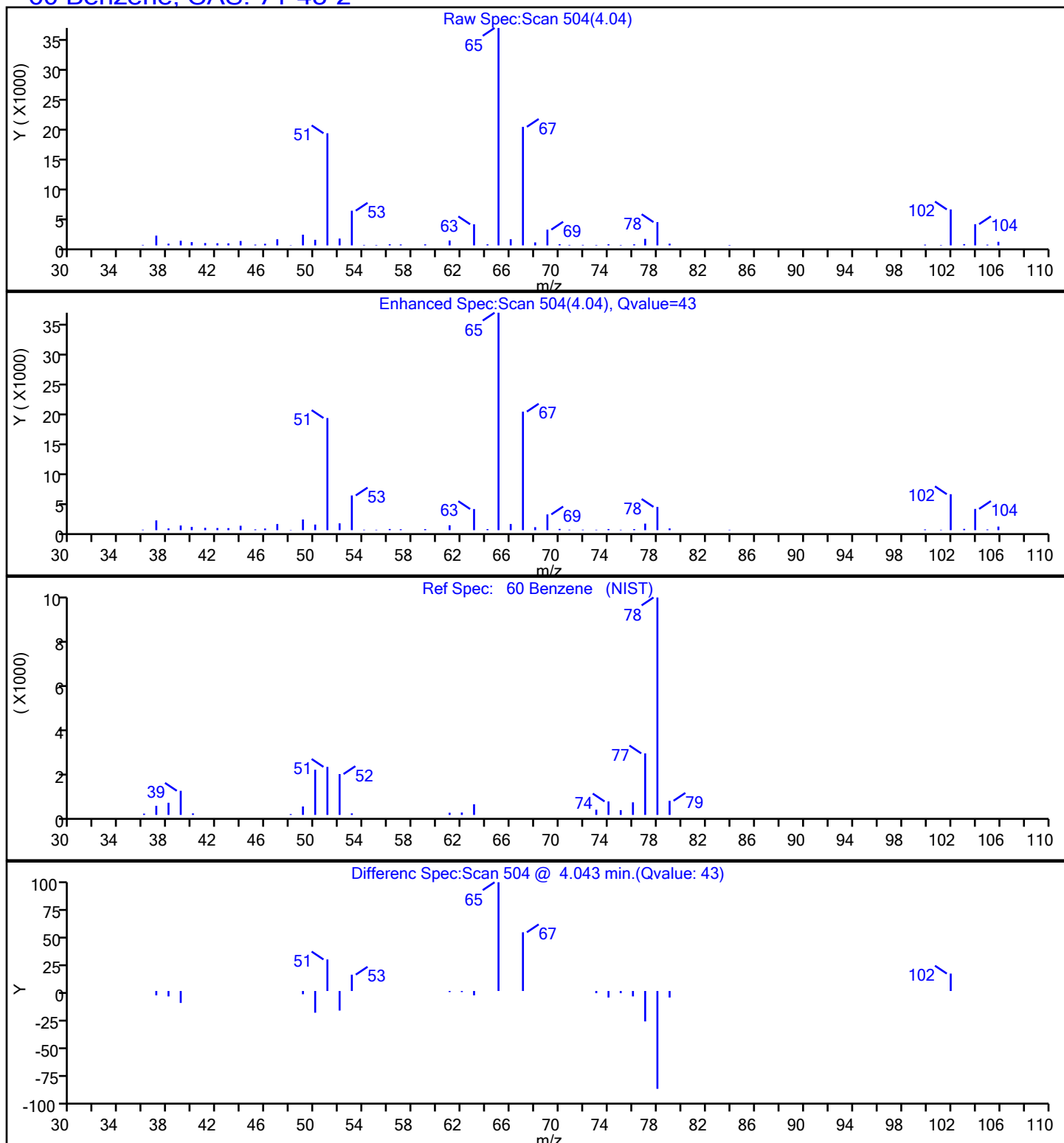
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**60 Benzene, CAS: 71-43-2**

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

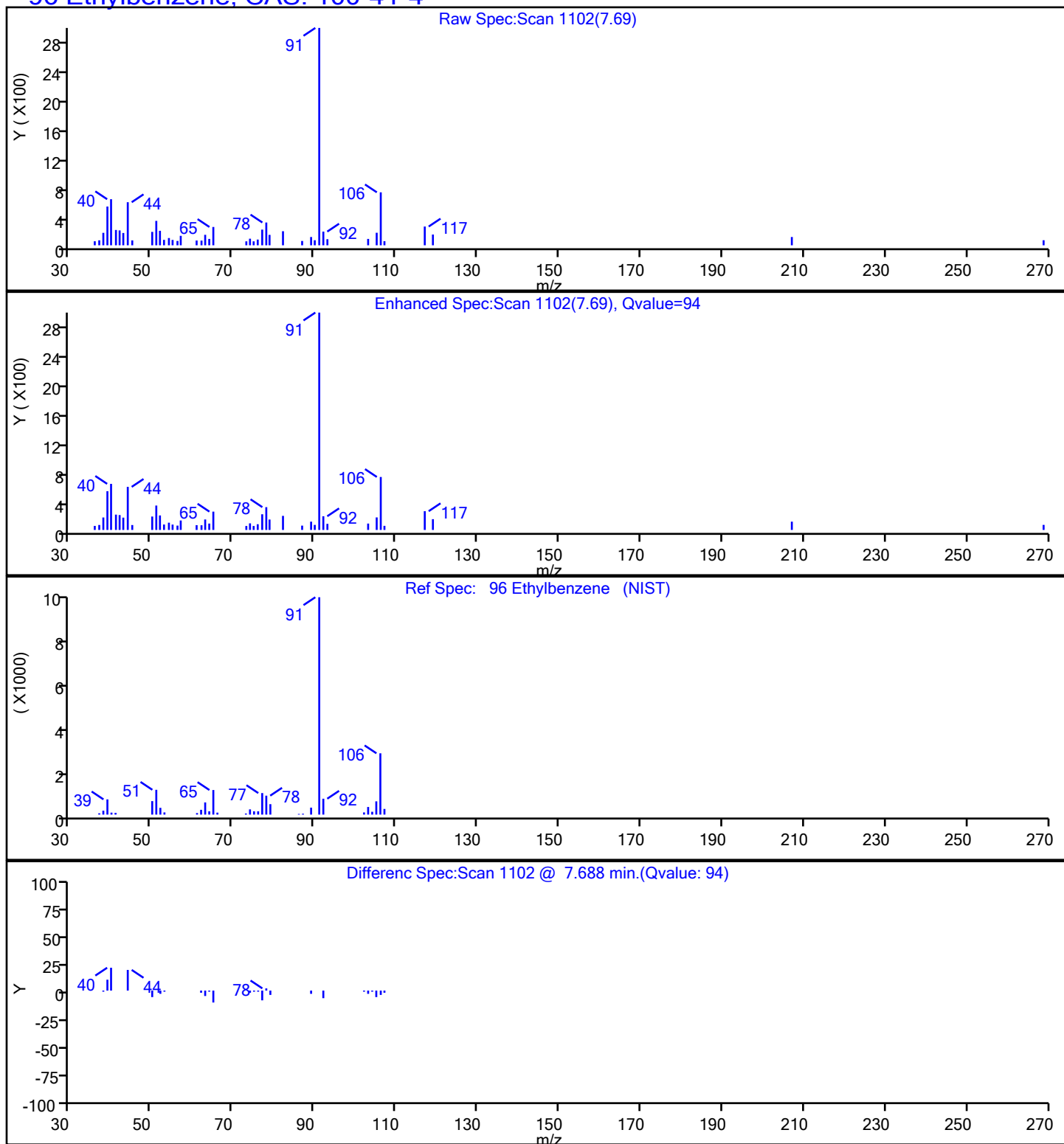
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**96 Ethylbenzene, CAS: 100-41-4**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

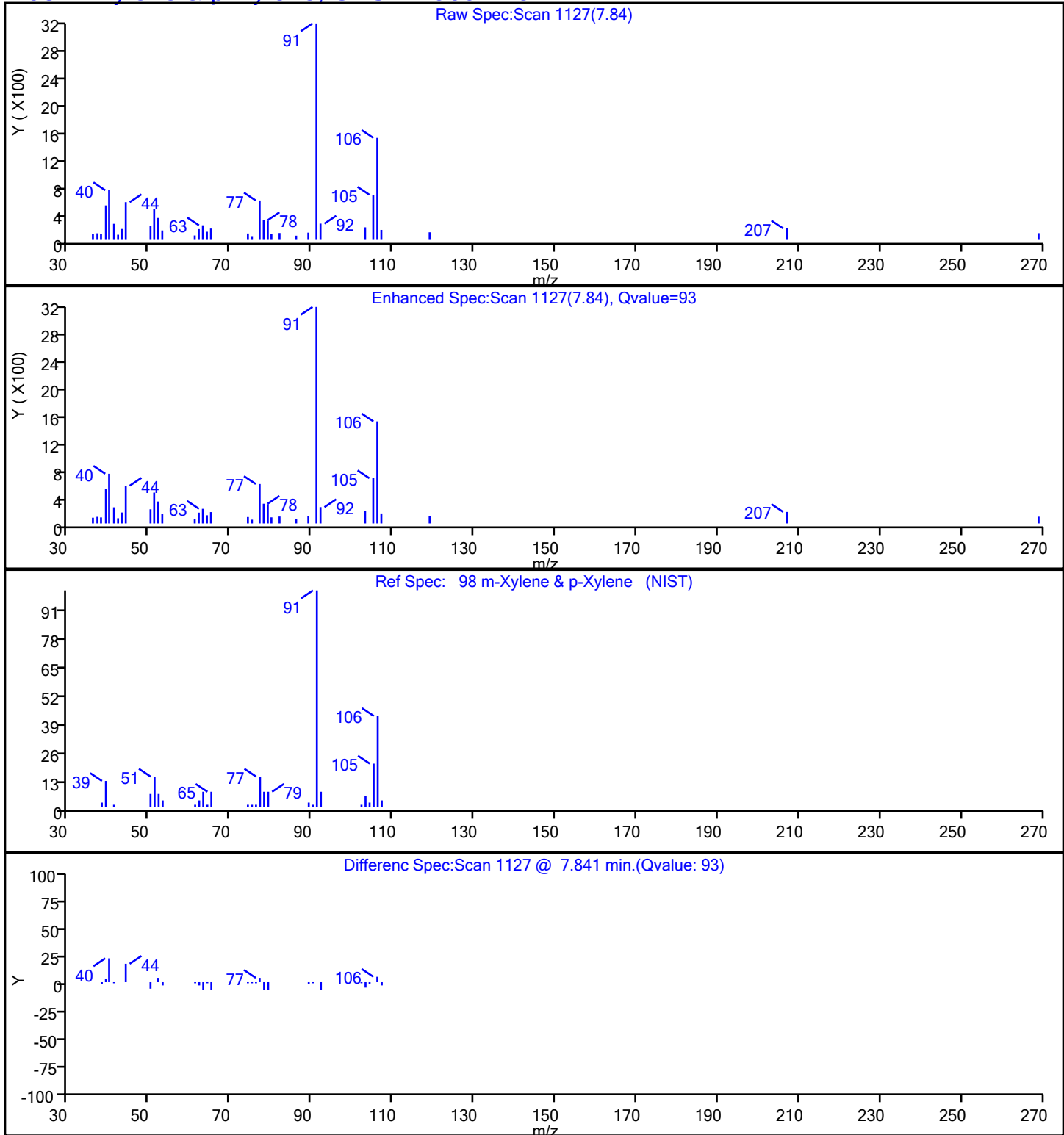
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

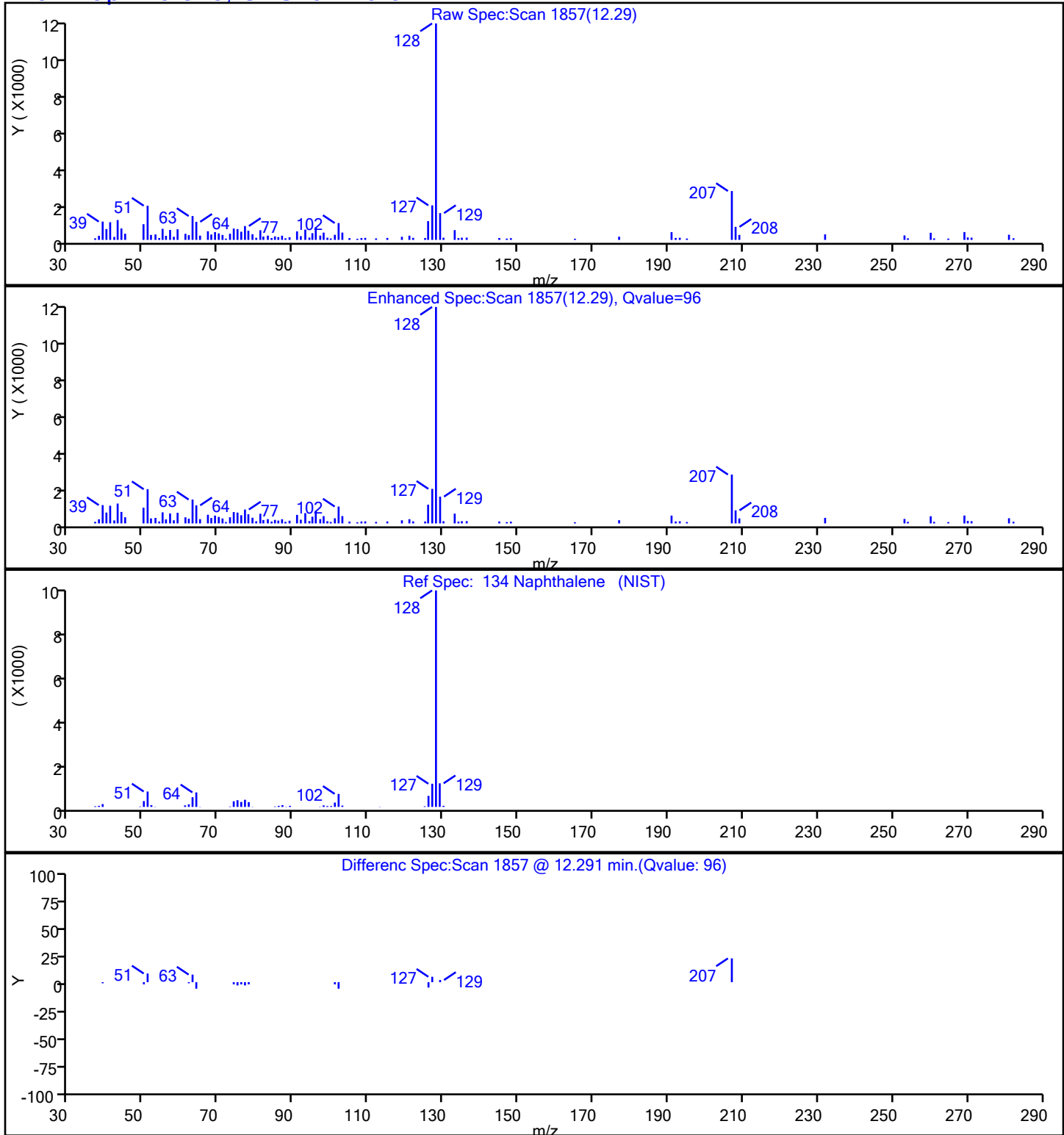
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

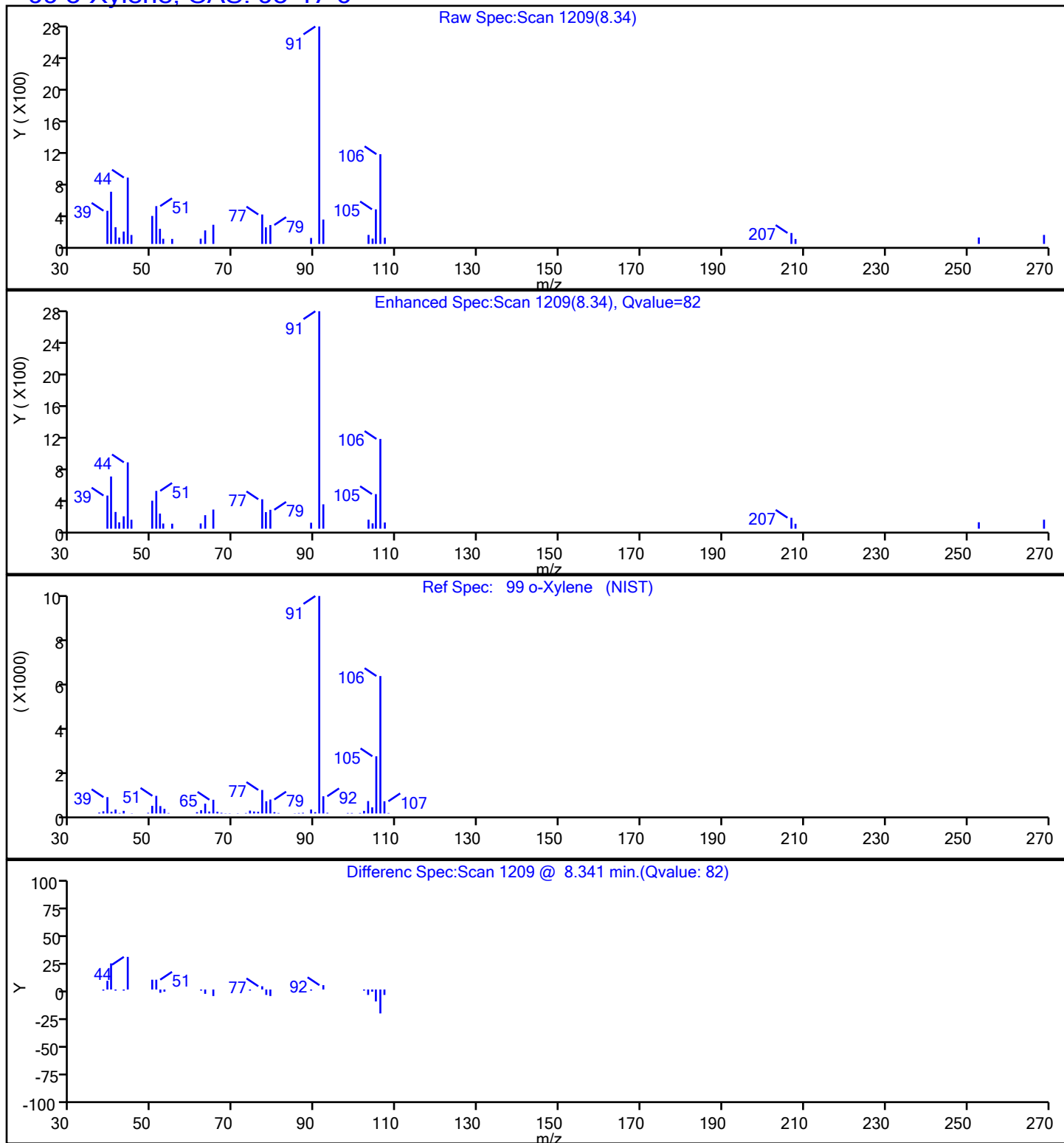
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**99 o-Xylene, CAS: 95-47-6**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

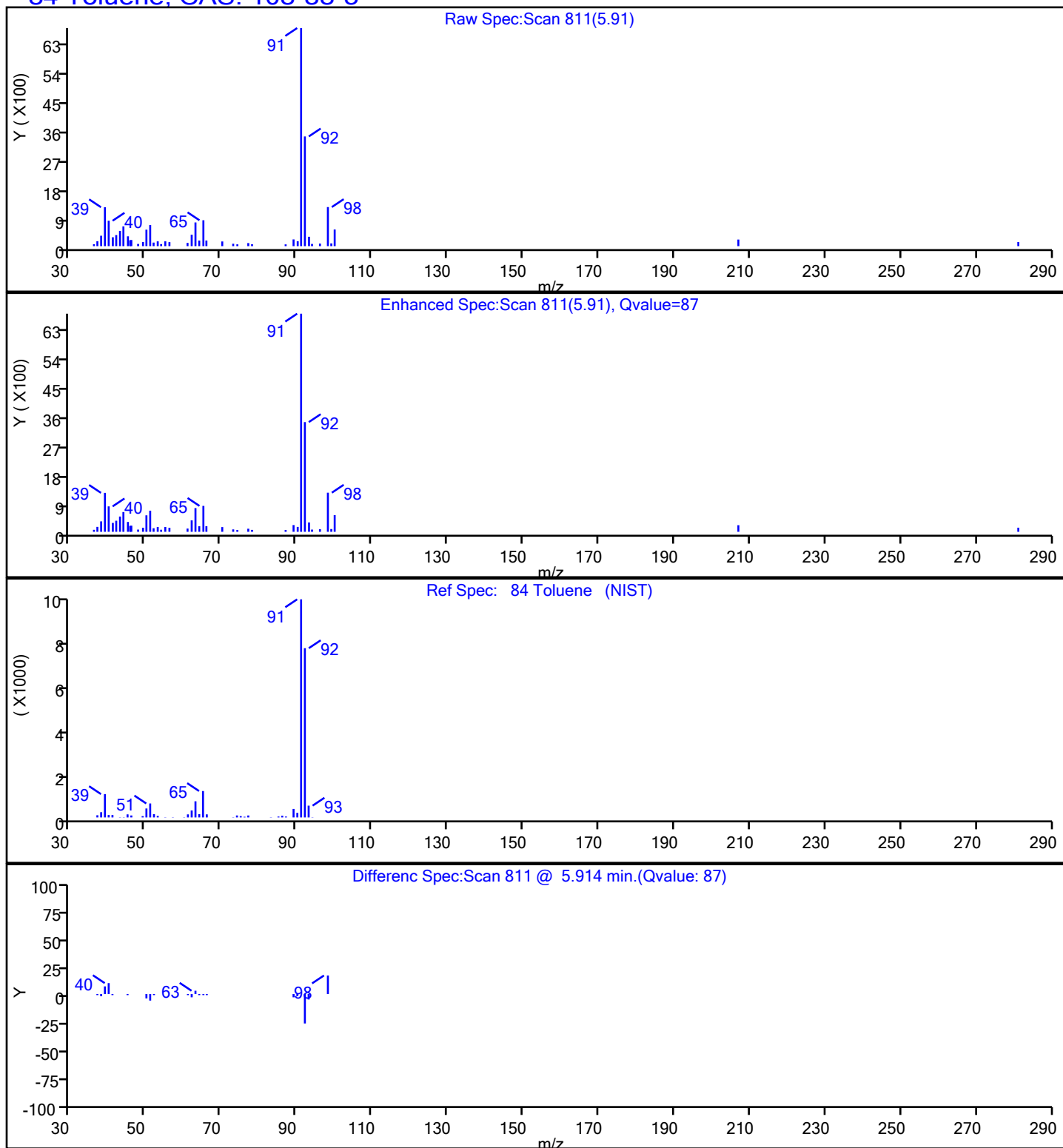
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**84 Toluene, CAS: 108-88-3**



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45740.D

Injection Date: 13-Oct-2021 11:56:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-3

Lab Sample ID: 460-244788-3

Client ID: MW-03\_20211008

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

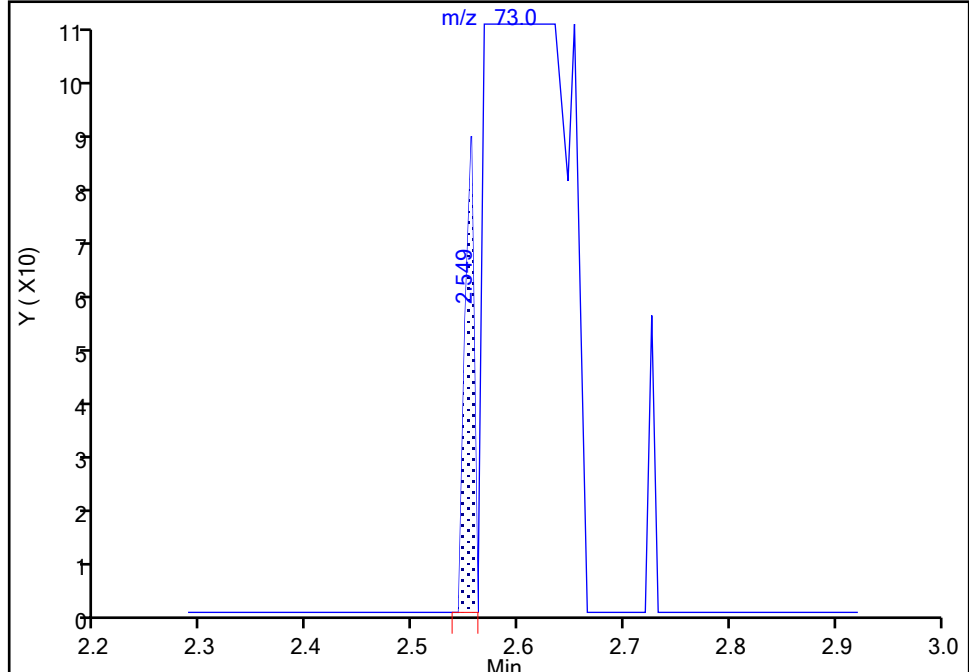
MS Quad

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

Signal: 1

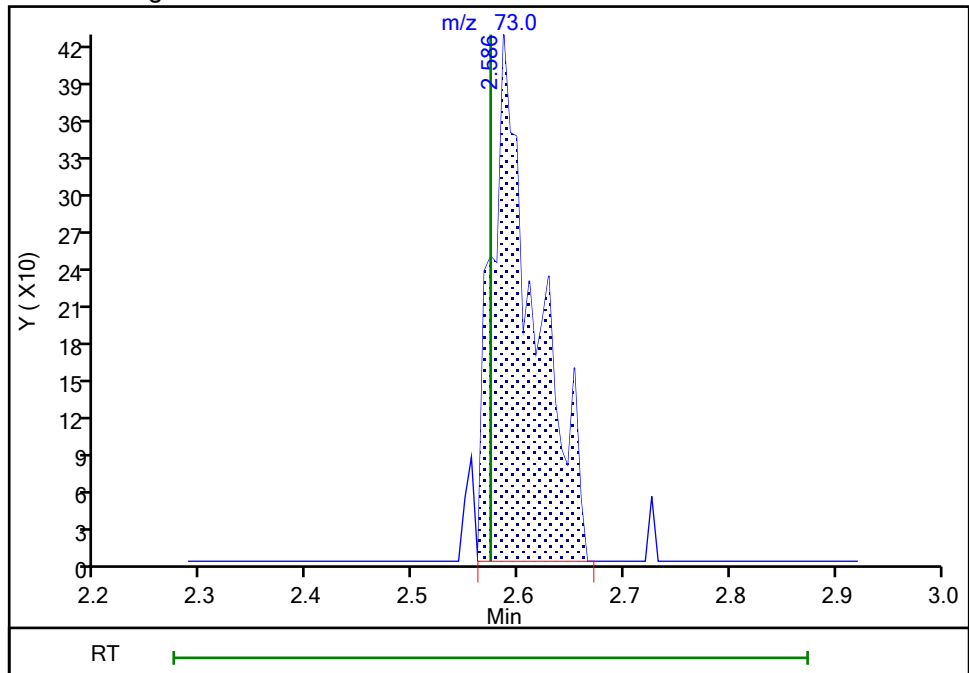
RT: 2.55  
Area: 50  
Amount: 0.004771  
Amount Units: ug/l

## Processing Integration Results



RT: 2.59  
Area: 1233  
Amount: 0.117578  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 12:32:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-X\_20211008 Lab Sample ID: 460-244788-4  
 Matrix: Water Lab File ID: TT45741.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 11:10  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 12:17  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	5.6		1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	1.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.27	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.38	J	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.44	J	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D  
 Lims ID: 460-244788-A-4  
 Client ID: MW-X\_20211008  
 Sample Type: Client  
 Inject. Date: 13-Oct-2021 12:17:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-4  
 Misc. Info.: 460-0135933-018  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 12:33:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.464	2.452	0.012	0	43418	1000.0	
33 Methyl tert-butyl ether	73	2.604	2.574	0.030	16	2826	0.2671	a
* 42 2-Butanone-d5	46	3.342	3.336	0.006	99	374358	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.750	3.738	0.012	94	117425	49.2	
60 Benzene	78	4.037	4.025	0.013	91	76893	5.59	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.055	4.049	0.006	86	173168	50.9	
* 66 Fluorobenzene	96	4.299	4.293	0.006	96	476686	50.0	
* 72 1,4-Dioxane-d8	96	4.988	4.963	0.025	94	15444	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	97	449727	52.3	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	90	326439	50.0	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	81	1886	0.3794	
104 Isopropylbenzene	105	8.822	8.822	0.000	95	14918	1.12	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	114363	49.3	
108 N-Propylbenzene	91	9.359	9.353	0.006	88	7674	0.4417	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	96	160983	50.0	
S 137 Xylenes, Total	100				0		0.3794	

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 18

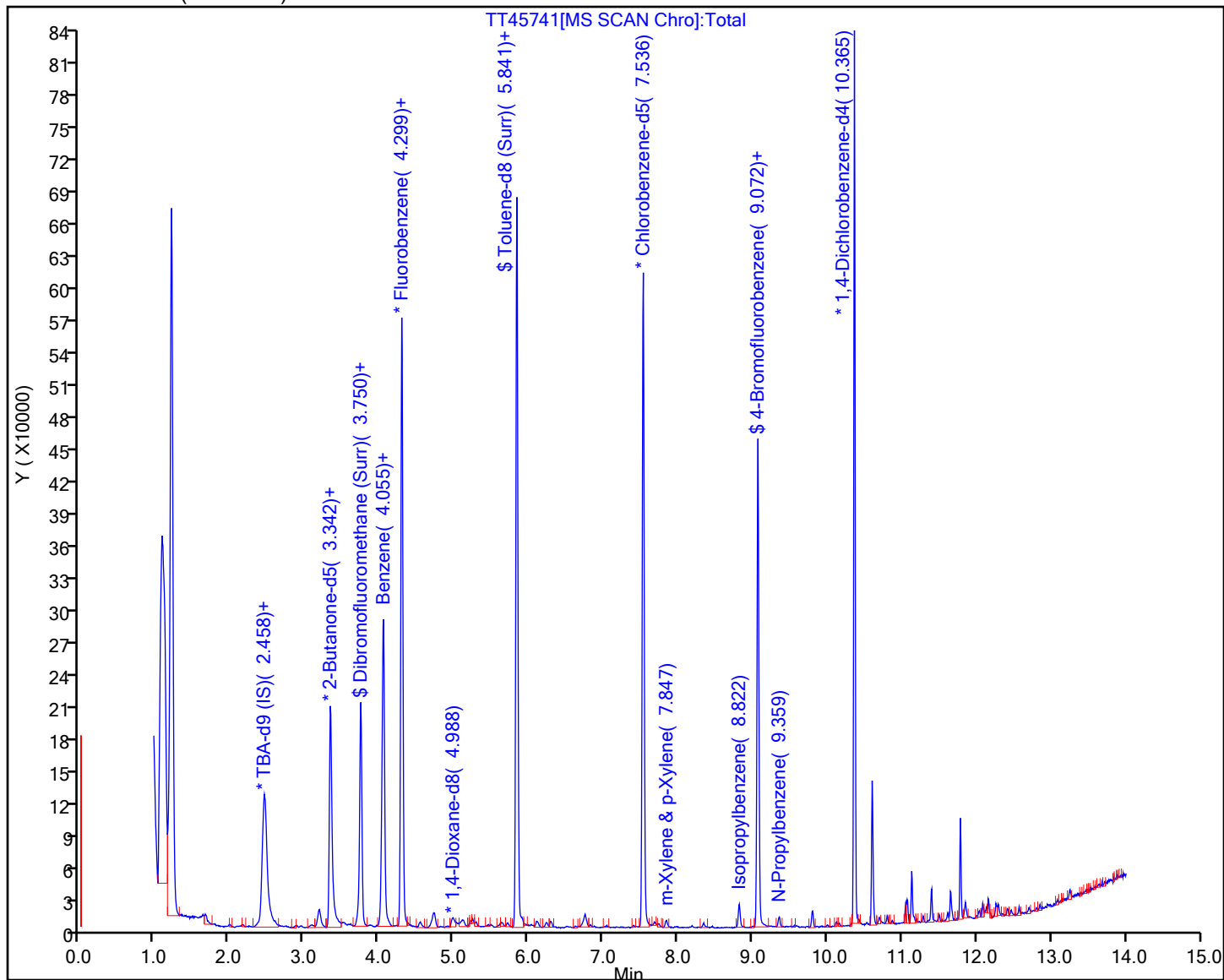
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

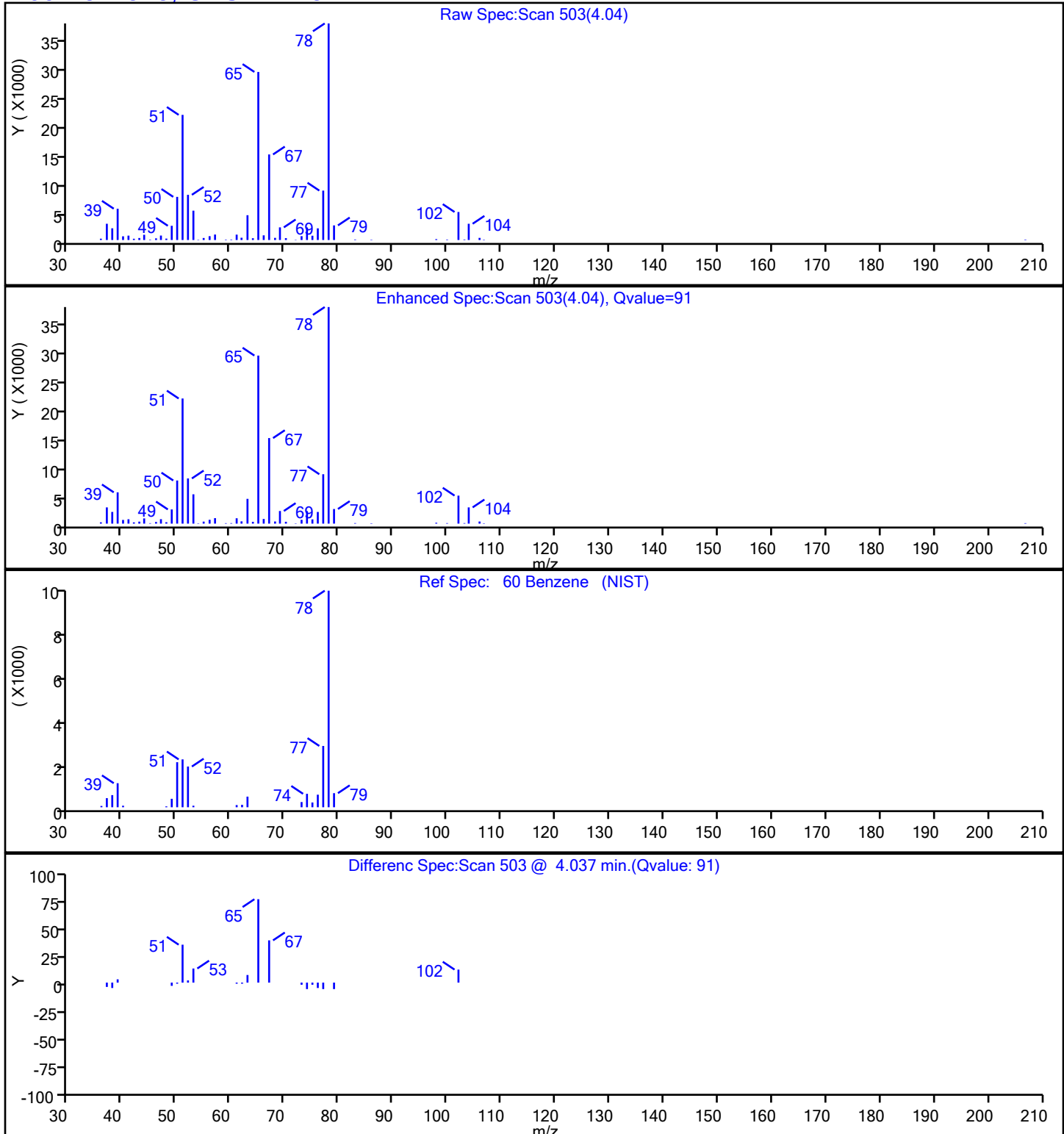
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**60 Benzene, CAS: 71-43-2**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

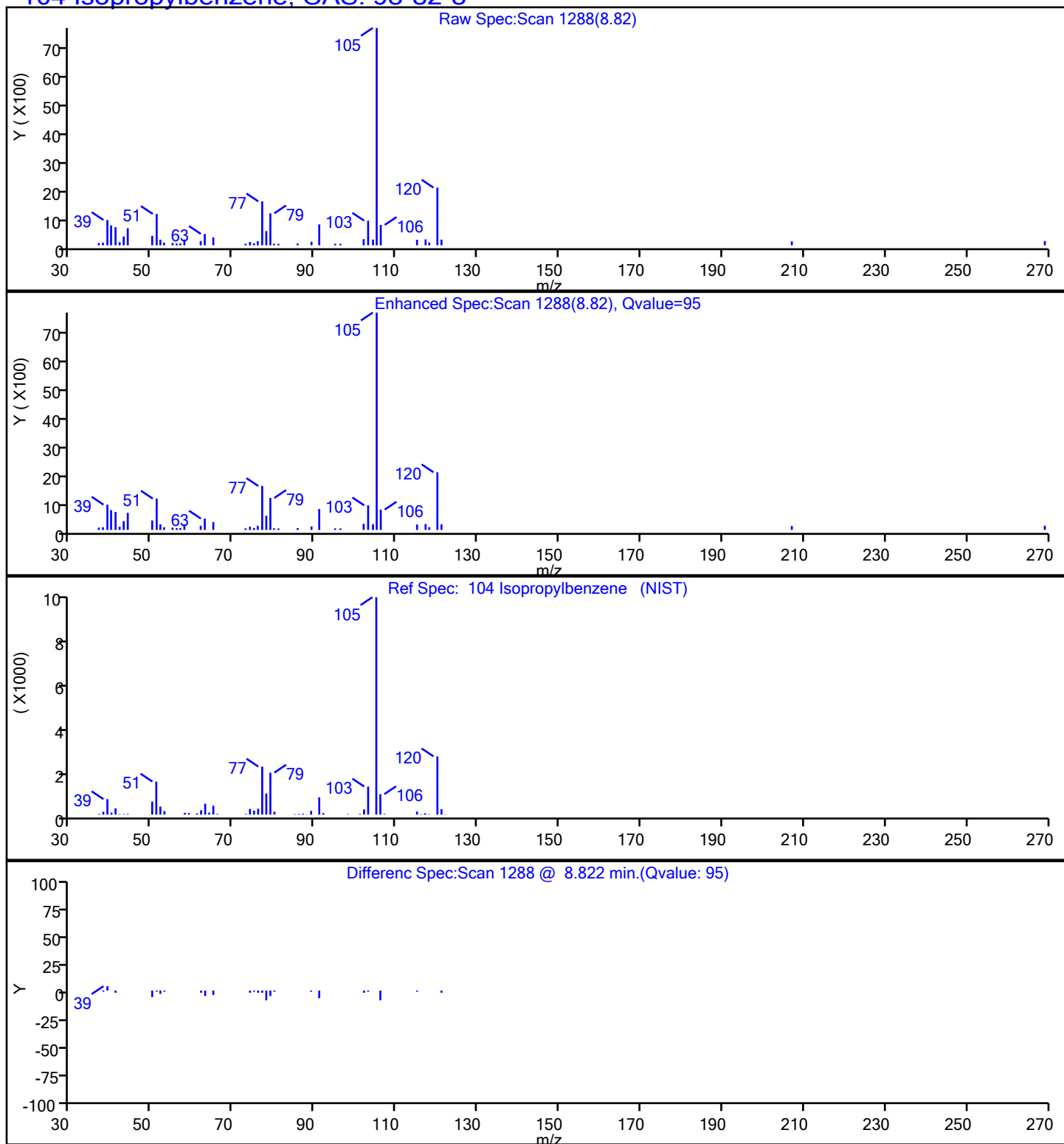
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

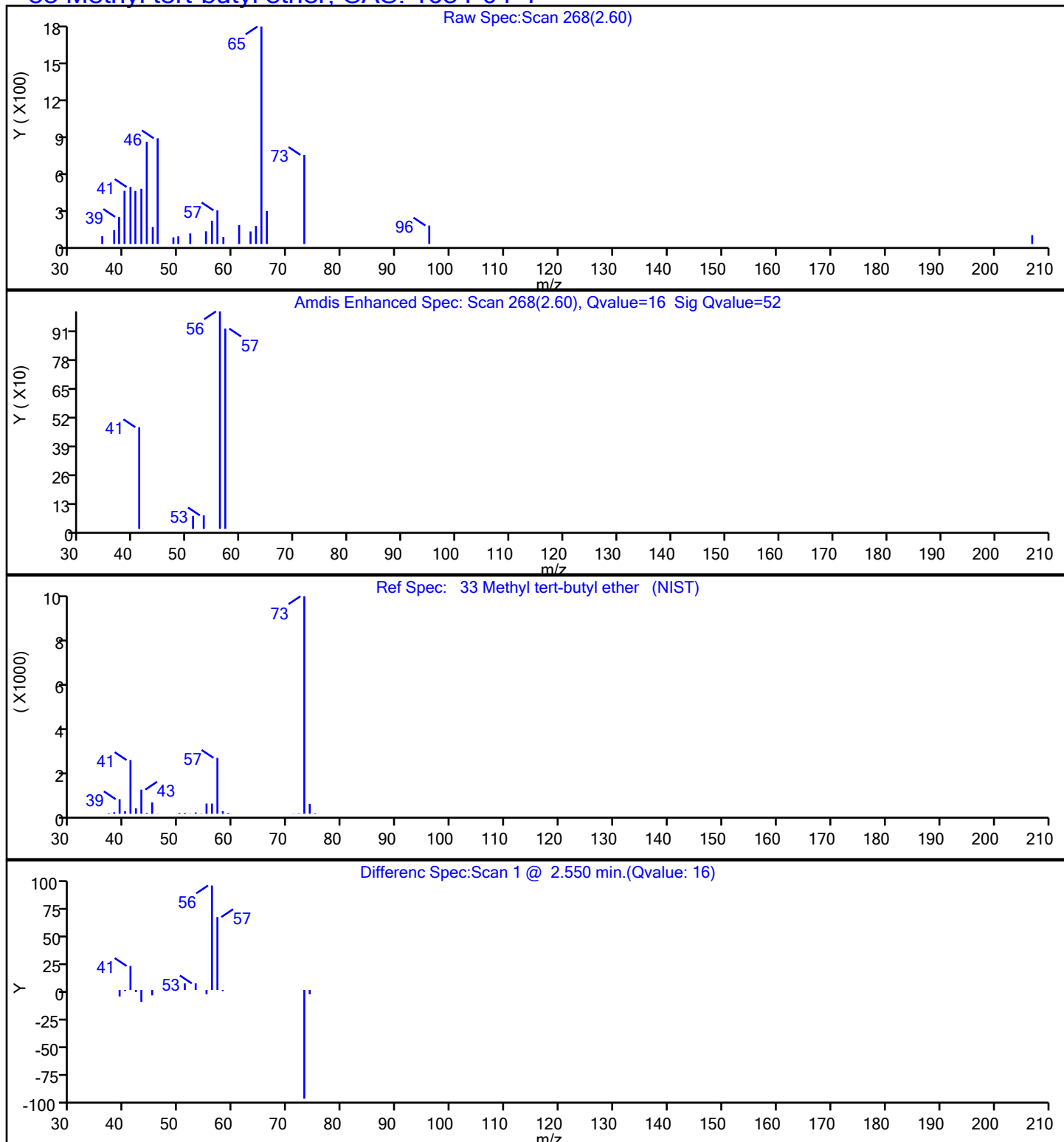
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

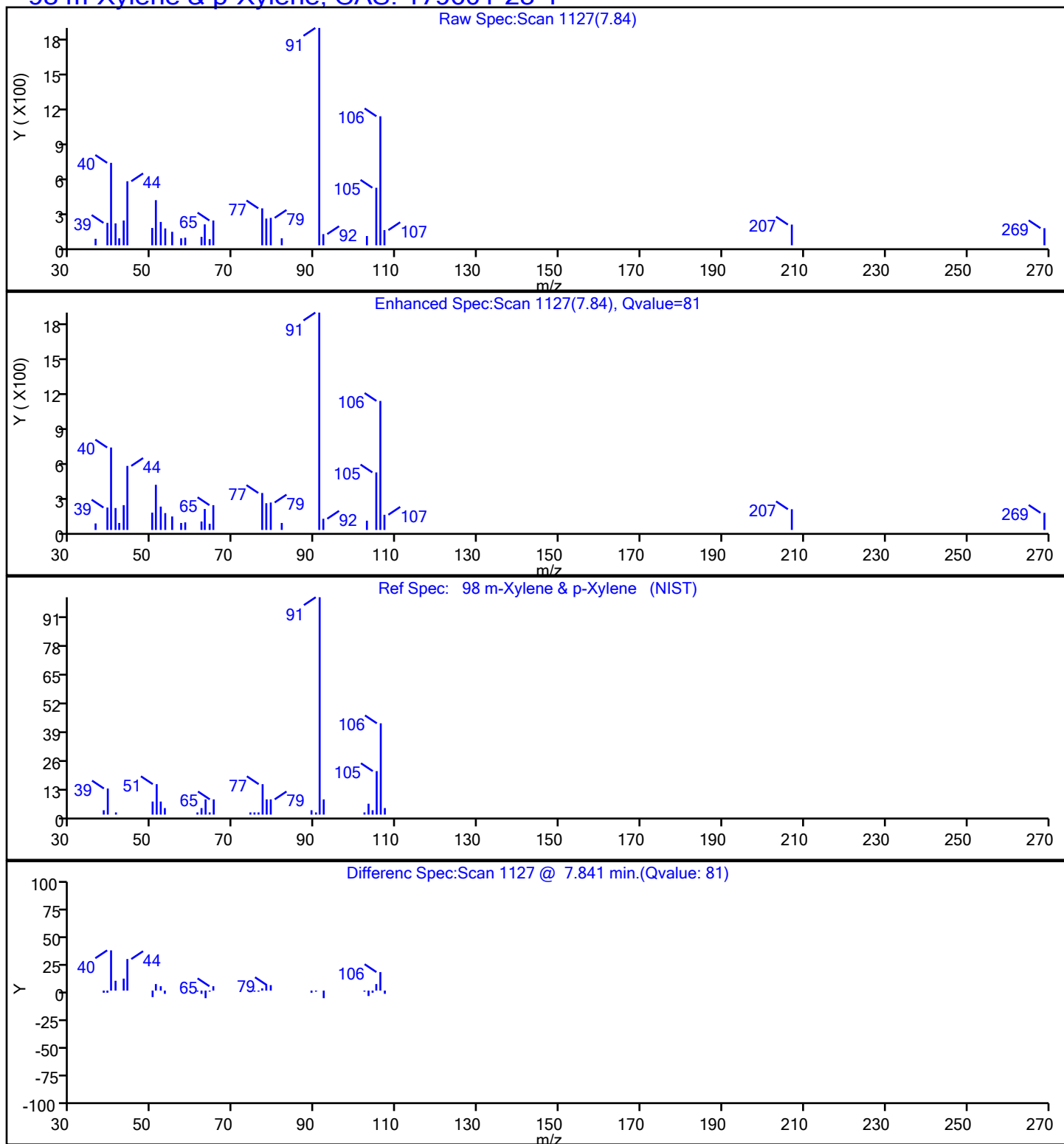
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

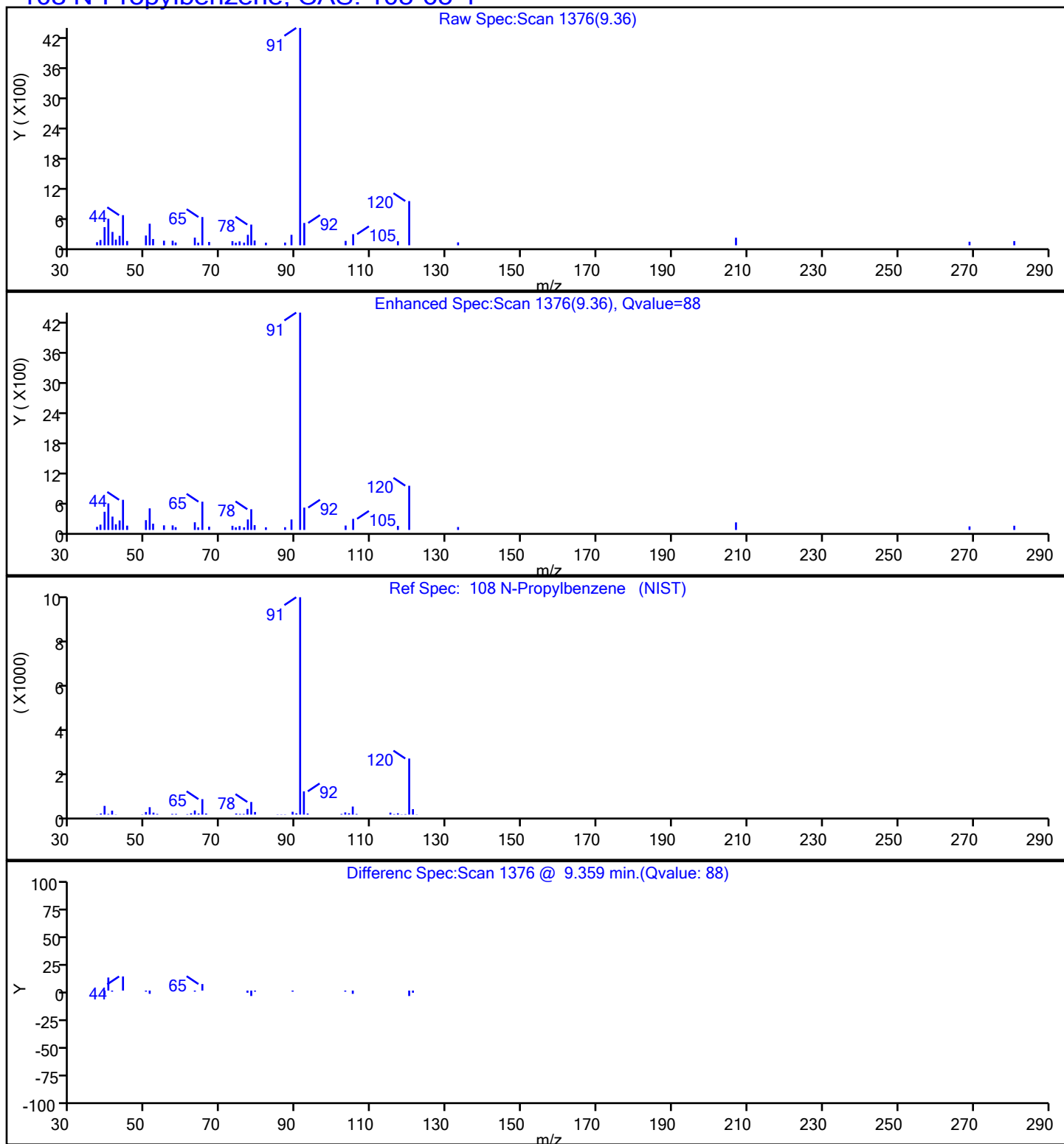
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

**108 N-Propylbenzene, CAS: 103-65-1**

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

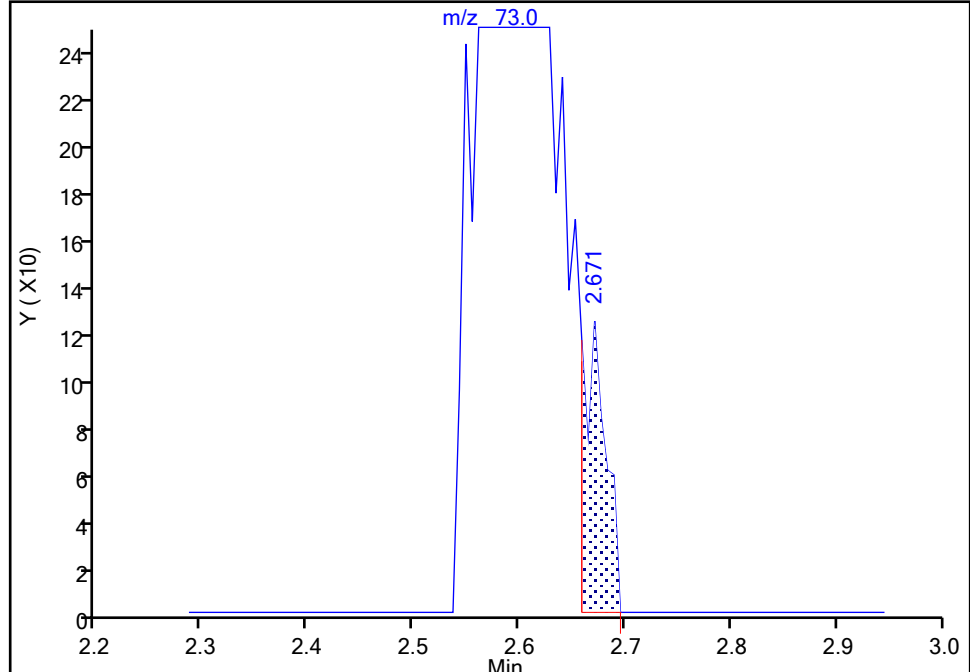
MS Quad

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

Signal: 1

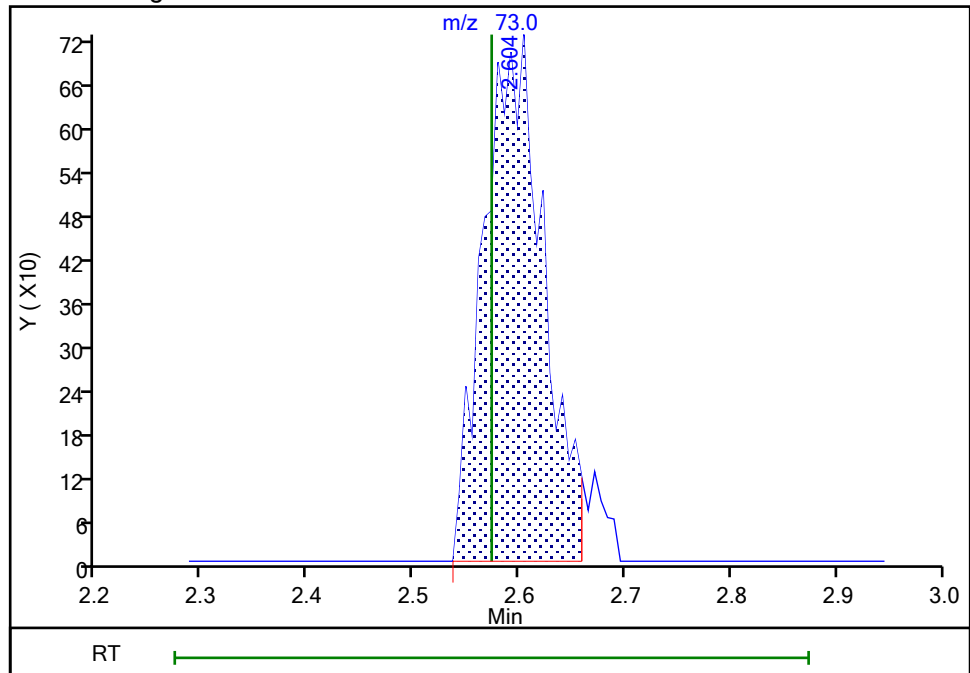
RT: 2.67  
Area: 186  
Amount: 0.017594  
Amount Units: ug/l

## Processing Integration Results



RT: 2.60  
Area: 2826  
Amount: 0.267127  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 12:33:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45741.D

Injection Date: 13-Oct-2021 12:17:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-4

Lab Sample ID: 460-244788-4

Client ID: MW-X\_20211008

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

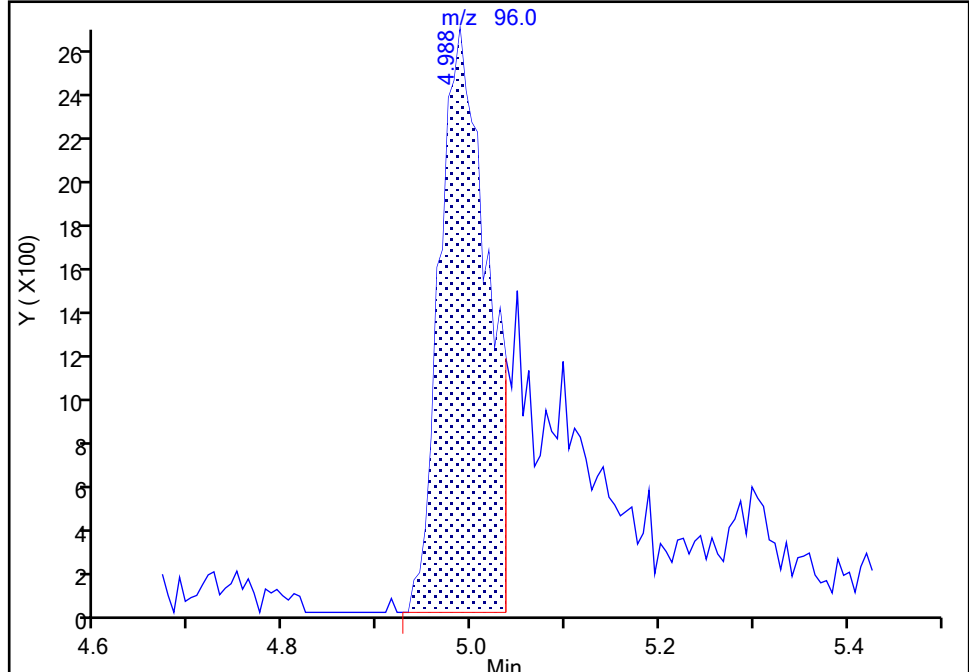
Detector: MS Quad

\* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

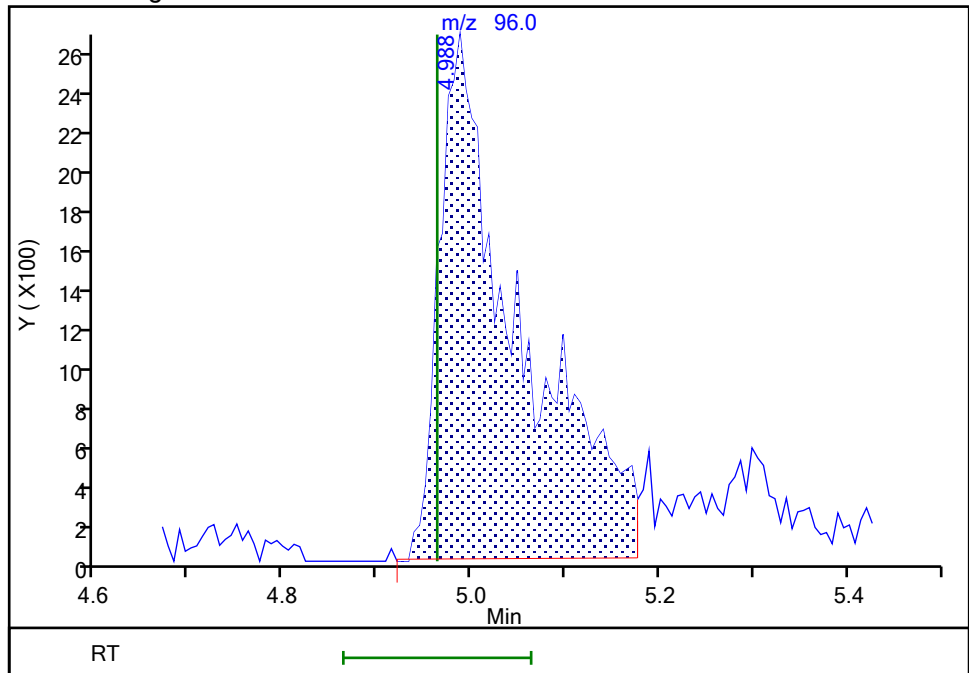
RT: 4.99  
Area: 9402  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 4.99  
Area: 15444  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 12:33:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: TB\_20211008 Lab Sample ID: 460-244788-5  
 Matrix: Water Lab File ID: TT45733.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 09:31  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45733.D  
 Lims ID: 460-244788-A-5  
 Client ID: TB\_20211008  
 Sample Type: Client  
 Inject. Date: 13-Oct-2021 09:31:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-5  
 Misc. Info.: 460-0135933-010  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 11:04:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.446	2.452	-0.006	97	38553	1000.0	
* 42 2-Butanone-d5	46	3.336	3.336	0.000	99	330154	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.744	3.738	0.006	96	121378	48.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.049	4.049	0.000	95	171163	47.9	
* 66 Fluorobenzene	96	4.293	4.293	0.000	97	501109	50.0	
* 72 1,4-Dioxane-d8	96	4.970	4.963	0.007	92	12551	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	98	466431	53.1	
* 94 Chlorobenzene-d5	117	7.530	7.530	0.000	92	333150	50.0	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	117667	49.7	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	97	162171	50.0	

## QC Flag Legend

Processing Flags

## Reagents:

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45733.D

Injection Date: 13-Oct-2021 09:31:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-5

Lab Sample ID: 460-244788-5

Client ID: TB\_20211008

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

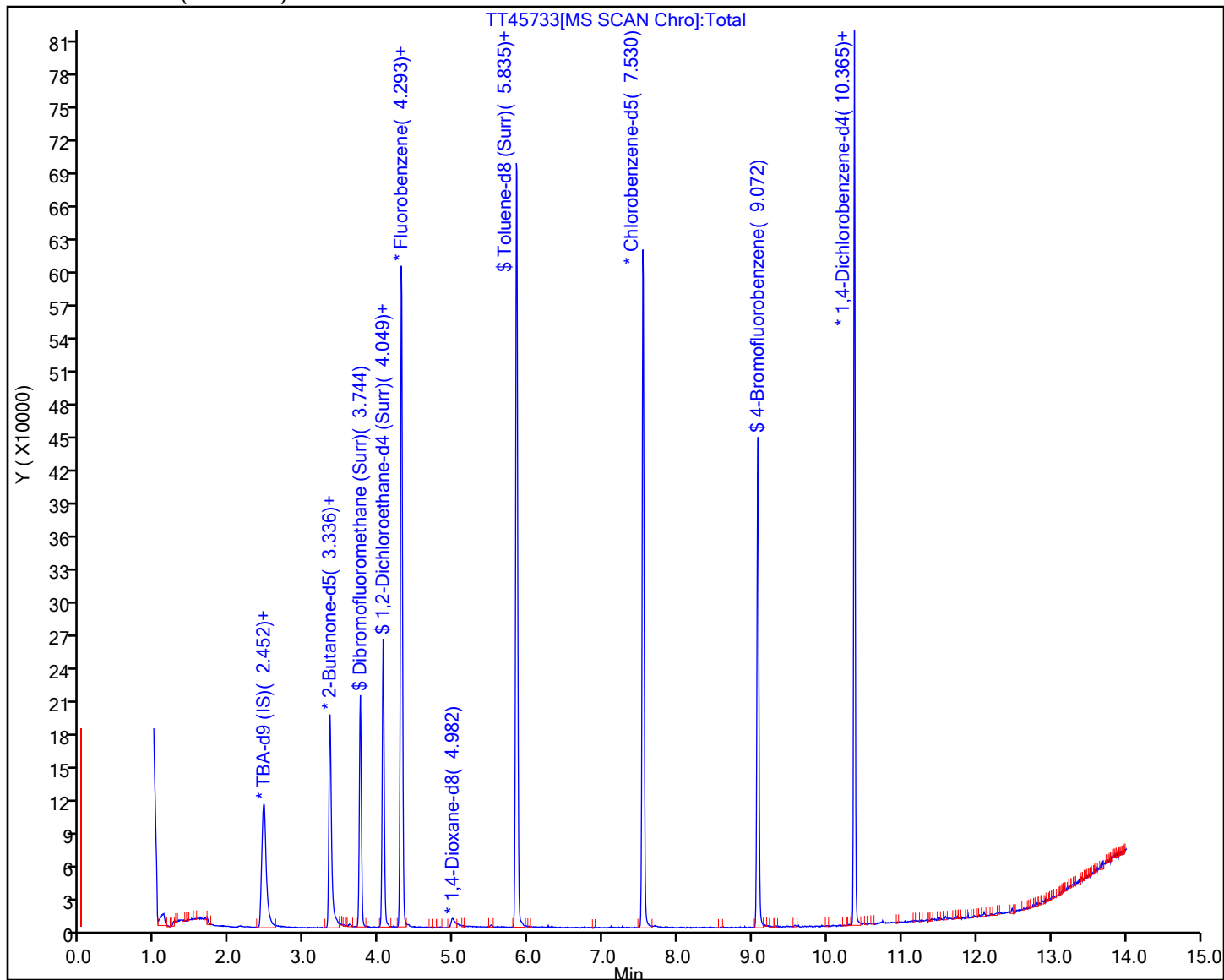
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: FB\_20211008 Lab Sample ID: 460-244788-6  
 Matrix: Water Lab File ID: TT45735.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 12:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 10:13  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45735.D  
 Lims ID: 460-244788-A-6  
 Client ID: FB\_20211008  
 Sample Type: Client  
 Inject. Date: 13-Oct-2021 10:13:30 ALS Bottle#: 11 Worklist Smp#: 12  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-6  
 Misc. Info.: 460-0135933-012  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 11:04:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.470	2.452	0.018	97	41402	1000.0	
* 42 2-Butanone-d5	46	3.348	3.336	0.012	98	366140	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.756	3.738	0.018	95	132380	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.049	0.012	94	186590	48.5	
* 66 Fluorobenzene	96	4.305	4.293	0.012	97	539462	50.0	
* 72 1,4-Dioxane-d8	96	4.975	4.963	0.012	91	13919	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	98	500707	52.5	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	92	362048	50.0	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	127673	49.6	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	98	176032	50.0	

## QC Flag Legend

Processing Flags

## Reagents:

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45735.D

Injection Date: 13-Oct-2021 10:13:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-6

Lab Sample ID: 460-244788-6

Client ID: FB\_20211008

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

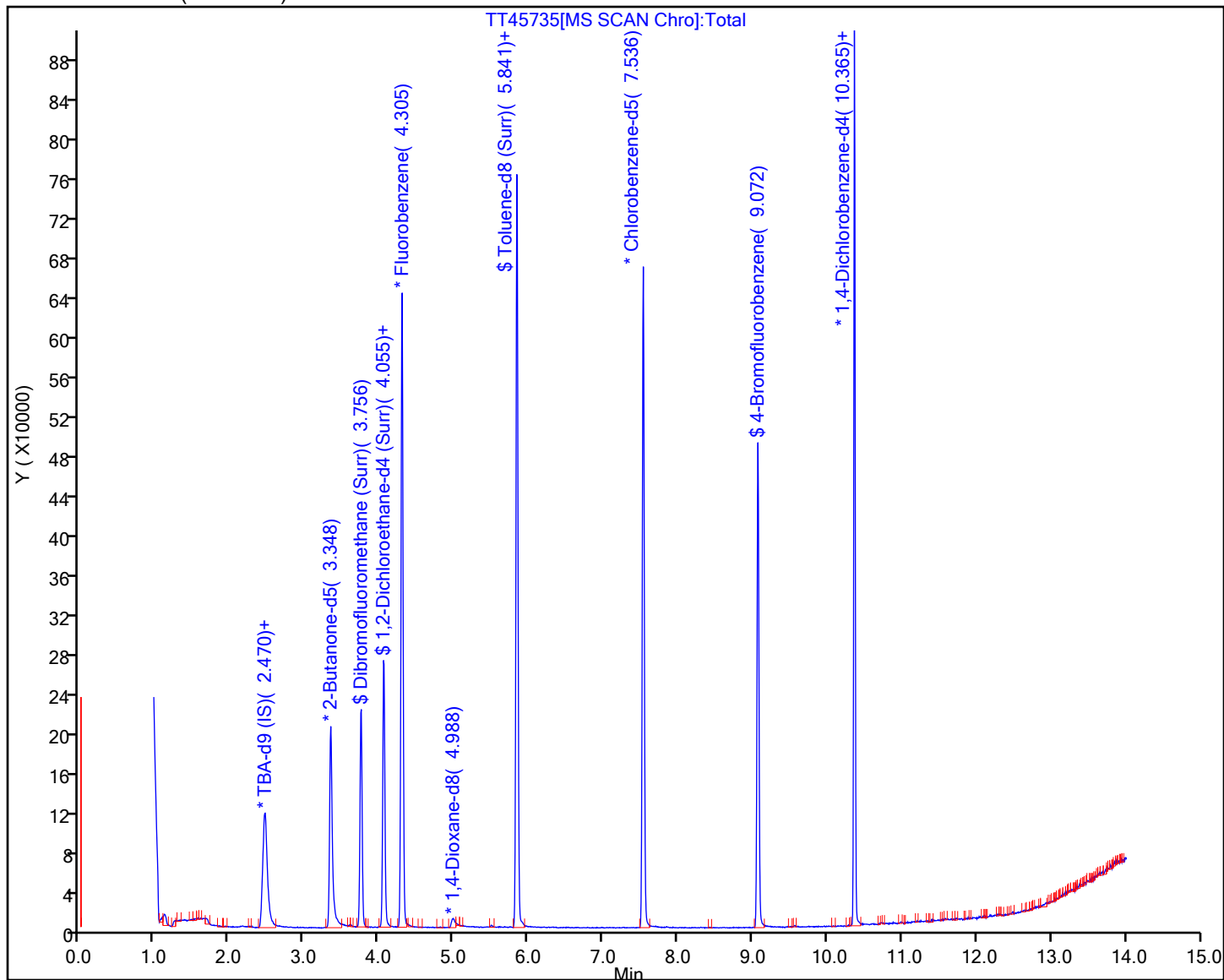
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-806463/3	TT45700.D
Level 2	STD1 460-806463/14	TT45711.D
Level 3	STD5 460-806463/6	TT45703.D
Level 4	STD20 460-806463/7	TT45704.D
Level 5	STD50 460-806463/8	TT45705.D
Level 6	STD200 460-806463/9	TT45706.D
Level 7	STD500 460-806463/10	TT45707.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	++++ 0.1533	0.0650 0.1469	0.1081	0.1189	0.1201	Qua2	-0.06 0	0.123 8	0.0000595						0.9950		0.9900
Dichlorodifluoromethane	++++ 0.5025	0.2658 0.4793	0.3755	0.4112	0.4195	Qua2	-0.16 3	0.424 7	0.0001465		0.1000				0.9960		0.9900
Chlorodifluoromethane	++++ 0.1054	0.1094 0.0974	0.0984	0.0937	0.0912	Ave		0.099 3				7.0		20.0			
Chloromethane	++++ 0.9031	0.5590 0.8384	0.8046	0.9693	0.9157	Ave		0.831 7			0.1000	17.5		20.0			
Butadiene	0.3680 0.6393	0.3905 0.5767	0.4873	0.5621	0.5596	Ave		0.511 9				19.7		20.0			
Vinyl chloride	++++ 0.7314	0.4604 0.6605	0.5671	0.6640	0.6408	Ave		0.620 7			0.1000	15.2		20.0			
Bromomethane	++++ 2.5931	2.2000 1.9214	2.4233	2.8069	2.3917	Ave		2.389 4			0.1000	12.9		20.0			
Chloroethane	++++ 2.3602	2.3618 1.7694	2.3687	2.6410	2.2241	Ave		2.287 5			0.1000	12.6		20.0			
Dichlorofluoromethane	++++ 0.9014	0.6779 0.8254	0.7766	0.9008	0.8371	Ave		0.819 9				10.3		20.0			
Pentane	++++ 0.0647	0.0490 0.0630	0.0583	0.0685	0.0694	Ave		0.062 1				12.2		20.0			
Trichlorofluoromethane	++++ 0.4998	0.3733 0.4605	0.4487	0.4956	0.4911	Ave		0.461 5			0.1000	10.4		20.0			
Ethyl ether	++++ 0.2308	0.1974 0.2188	0.2342	0.2590	0.2403	Ave		0.230 1				9.0		20.0			
Ethanol	++++ 0.6171	0.3042 0.5524	0.6676	0.7298	0.4797	QuaF		0.638 8	-0.000004						0.9990		0.9900

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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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-Methyl-1,3-butadiene	++++ 0.4233	0.3126 0.3869	0.4097	0.4340	0.4235	Ave		0.398 3				11.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2966	0.2697 0.2755	0.3052	0.3164	0.2980	Ave		0.293 6				6.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.5566	0.5144 0.5117	0.5480	0.5902	0.5570	Ave		0.546 3				5.4		20.0			
Acrolein	++++ 0.0817	0.0812 0.0733	0.0795	0.0892	0.0730	Ave		0.079 6				7.6		20.0			
1,1-Dichloroethene	++++ 0.3195	0.2933 0.3091	0.3313	0.3649	0.3332	Ave		0.325 2			0.1000	7.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2784	0.2306 0.2832	0.2968	0.3316	0.3055	Ave		0.287 7			0.1000	11.7		20.0			
Acetone	++++ 0.9101	0.8863 0.8047	1.0393	1.0178	0.9996	Ave		0.943 0			0.0500	9.7		20.0			
Iodomethane	++++ 0.5448	0.4408 0.5394	0.5155	0.6042	0.5492	Ave		0.532 3				10.1		20.0			
Isopropyl alcohol	++++ 7.2627	5.9028 6.6254	6.1804	8.0392	6.6238	Ave		6.772 4				11.4		20.0			
Carbon disulfide	++++ 1.4267	1.5875 1.3930	1.4316	1.5837	1.4796	Ave		1.483 7			0.1000	5.6		20.0			
3-Chloro-1-propene	++++ 0.2764	0.2781 0.2768	0.2982	0.3338	0.3003	Ave		0.293 9				7.6		20.0			
Methyl acetate	++++ 0.3703	0.3180 0.3505	0.3773	0.4336	0.3996	Ave		0.374 9			0.1000	10.6		20.0			
Cyclopentene	++++ 0.9940	0.8080 0.9157	0.9754	1.0795	1.0237	Ave		0.966 1				9.8		20.0			
Acetonitrile	++++ 0.3814	0.2453 0.3069	0.3106	0.3394	0.3319	Ave		0.319 3				14.1		20.0			
Methylene Chloride	++++ 0.4173	0.3834 0.4091	0.4405	0.4932	0.4353	Ave		0.429 8			0.1000	8.6		20.0			
2-Methyl-2-propanol	++++ 9.5001	9.3646 9.0810	9.9425	11.193	8.2859	Ave		9.561 2				10.1		20.0			
Methyl tert-butyl ether	++++ 1.0954	0.9965 1.0841	1.0923	1.2445	1.1452	Ave		1.109 7			0.1000	7.4		20.0			
trans-1,2-Dichloroethene	++++ 0.3581	0.3232 0.3518	0.3723	0.4201	0.3783	Ave		0.367 3			0.1000	8.8		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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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								
Acrylonitrile	0.1915 0.1801	0.1614 0.1707	0.1813	0.2076	0.1890	Ave		0.183 1				8.2		20.0			
Hexane	++++ 0.4928	0.5040 0.5051	0.6114	0.6495	0.6211	Ave		0.564 0				12.5		20.0			
Isopropyl ether	++++ 1.8487	1.5644 1.7322	1.7643	2.0315	1.8240	Ave		1.794 2				8.6		20.0			
1,1-Dichloroethane	++++ 0.7980	0.7045 0.7885	0.8614	0.9572	0.8501	Ave		0.826 6		0.2000		10.3		20.0			
Vinyl acetate	++++ 0.4330	0.3285 0.4290	0.4373	0.5153	0.4727	Ave		0.436 0				14.2		20.0			
2-Chloro-1,3-butadiene	++++ 0.3373	0.2686 0.3224	0.3175	0.3634	0.3442	Ave		0.325 6				9.9		20.0			
Text-butyl ethyl ether	++++ 1.4449	1.1497 1.4259	1.2987	1.5243	1.3849	Ave		1.371 4				9.6		20.0			
2,2-Dichloropropane	++++ 0.1178	0.0620 0.1224	0.1257	0.1298	0.1215	Lin2	-0.06 2	0.126 4							0.9960		0.9900
cis-1,2-Dichloroethene	++++ 0.4005	0.3596 0.4155	0.4126	0.4608	0.4176	Ave		0.411 1		0.1000		7.9		20.0			
2-Butanone (MEK)	++++ 0.2291	0.2634 0.2295	0.2221	0.2667	0.2454	Ave		0.242 7		0.0500		7.8		20.0			
Ethyl acetate	++++ 0.2228	0.1945 0.2155	0.2319	0.2504	0.2386	Ave		0.225 6				8.6		20.0			
Methyl acrylate	++++ 0.3686	0.3532 0.3633	0.3364	0.4011	0.3860	Ave		0.368 1				6.3		20.0			
Propionitrile	++++ 12.470	9.9681 12.433	7.2437	12.862	10.999	Ave		10.99 6				19.4		20.0			
Chlorobromomethane	++++ 0.1796	0.1621 0.1848	0.1787	0.2020	0.1829	Ave		0.181 7				7.1		20.0			
Tetrahydrofuran	++++ 0.2732	0.2810 0.2699	0.2897	0.3481	0.2922	Ave		0.292 3				9.8		20.0			
Methacrylonitrile	++++ 0.1561	0.1271 0.1574	0.1323	0.1667	0.1598	Ave		0.149 9				10.8		20.0			
Chloroform	++++ 0.5989	0.5588 0.5885	0.6849	0.7517	0.6682	Ave		0.641 8		0.2000		11.3		20.0			
Cyclohexane	++++ 0.4656	0.4117 0.4990	0.5132	0.5429	0.5218	Ave		0.492 4		0.1000		9.6		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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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								
1,1,1-Trichloroethane	++++ 0.4792	0.3997 0.4982	0.5193	0.5643	0.5081	Ave		0.494 8			0.1000	11.0		20.0			
Carbon tetrachloride	++++ 0.3878	0.3089 0.4120	0.4117	0.4368	0.4068	Ave		0.394 0			0.1000	11.3		20.0			
1,1-Dichloropropene	++++ 0.5018	0.4756 0.5227	0.5291	0.5694	0.5297	Ave		0.521 4				6.0		20.0			
Isooctane	++++ 1.5055	1.0192 1.5821	1.4072	1.5985	1.5507	Ave		1.443 9				15.2		20.0			
Isobutyl alcohol	++++ 4.8822	2.2493 5.9219	2.4096	3.5175	3.5704	Qua2	-28.2 8	3.257 8	0.0002293						0.9910		0.9900
Benzene	++++ 1.9364	2.0485 1.8485	2.3175	2.4014	2.0991	Ave		2.108 6			0.5000	10.2		20.0			
tert-amyl methyl ether	++++ 1.3530	0.9693 1.3460	1.1264	1.3808	1.2957	Ave		1.245 2				13.1		20.0			
Isopropyl acetate	++++ 0.2193	0.1720 0.2216	0.1862	0.2316	0.2127	Ave		0.207 2				11.1		20.0			
1,2-Dichloroethane	++++ 0.4820	0.5238 0.4865	0.5419	0.5965	0.5376	Ave		0.528 1			0.1000	8.0		20.0			
n-Heptane	++++ 0.0670	0.0707 0.0733	0.0766	0.0849	0.0804	Ave		0.075 5				8.6		20.0			
Trichloroethene	++++ 0.3407	0.3317 0.3685	0.3384	0.3707	0.3490	Ave		0.349 8			0.2000	4.7		20.0			
n-Butanol	++++ 0.3893	++++ 1.3634	++++	++++	++++	Ave		0.876 3				78.6	*	20.0			
Methylcyclohexane	++++ 0.5662	0.4584 0.5977	0.5527	0.6097	0.6207	Ave		0.567 6			0.1000	10.5		20.0			
Ethyl acrylate	++++ 0.0449	++++ 0.0503	0.0250	0.0442	0.0475	Ave		0.042 4				23.6	*	20.0			
1,2-Dichloropropane	++++ 0.4311	0.3942 0.4412	0.4397	0.5035	0.4555	Ave		0.444 2			0.1000	8.0		20.0			
Methyl methacrylate	++++ 0.0813	0.0464 0.0892	0.0593	0.0793	0.0814	Qua2	-0.06 2	0.075 9	0.0000140						0.9950		0.9900
Dibromomethane	++++ 0.2105	0.2080 0.2233	0.2211	0.2472	0.2277	Ave		0.223 0				6.3		20.0			
1,4-Dioxane	++++ 1.3597	1.3831 ++++	1.3341	1.9567	1.4494	Ave		1.496 6				17.4		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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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-Propyl acetate	++++ 0.6761	0.3619 0.7084	0.2975	0.5678	0.6480	QuaF		0.650 3	0.0001167						1.0000		0.9900
Dichlorobromomethane	++++ 0.4738	0.3855 0.5059	0.4658	0.5281	0.4931	Ave		0.475 4			0.2000	10.4		20.0			
2-Nitropropane	++++ 0.1203	0.1347 0.1285	0.1126	0.1196	0.1178	Ave		0.122 3				6.5		20.0			
2-Chloroethyl vinyl ether	++++ 0.2585	0.1746 0.2866	0.2029	0.2528	0.2548	Ave		0.238 4				17.3		20.0			
Epichlorohydrin	++++ 0.2406	0.1212 0.2529	0.1269	0.2280	0.2397	QuaF		0.232 8	0.0000020						1.0000		0.9900
cis-1,3-Dichloropropene	++++ 0.8289	0.7324 0.8200	0.8201	0.9756	0.8967	Ave		0.845 6			0.2000	9.7		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 1.0404	1.1083 1.0100	0.7383	1.0589	1.0096	Ave		0.994 2			0.0500	13.1		20.0			
Toluene	++++ 1.8063	1.9478 1.7607	2.0745	2.2537	2.0125	Ave		1.975 9			0.4000	9.2		20.0			
trans-1,3-Dichloropropene	++++ 0.7267	0.6433 0.7673	0.7280	0.8411	0.7845	Ave		0.748 5			0.1000	8.9		20.0			
Ethyl methacrylate	++++ 0.6774	0.4544 0.6822	0.5617	0.7014	0.6926	Qua2	-0.23 2	0.674 8	0.0000214						0.9970		0.9900
1,1,2-Trichloroethane	++++ 0.3592	0.3411 0.3670	0.3874	0.4360	0.3946	Ave		0.380 9			0.1000	8.7		20.0			
Tetrachloroethene	++++ 0.3742	0.3865 0.3769	0.4054	0.4404	0.4132	Ave		0.399 4			0.2000	6.3		20.0			
1,3-Dichloropropane	++++ 0.7298	0.7483 0.7412	0.7622	0.8982	0.8012	Ave		0.780 2				8.1		20.0			
2-Hexanone	++++ 1.8060	0.5110 1.8317	0.7042	1.5838	1.7662	QuaF		1.778 7	0.0000213		0.0500				1.0000		0.9900
Chlorodibromomethane	++++ 0.3899	0.3441 0.4017	0.4002	0.4575	0.4183	Ave		0.401 9			0.1000	9.2		20.0			
n-Butyl acetate	++++ 1.0595	0.6316 1.0321	0.6942	1.1378	1.0581	QuaF		1.076 5	-0.000089						1.0000		0.9900
Ethylene Dibromide	++++ 0.3675	0.3808 0.3796	0.3728	0.4432	0.4036	Ave		0.391 2			0.1000	7.2		20.0			
Chlorobenzene	++++ 1.1429	1.1388 1.1488	1.2407	1.3561	1.2339	Ave		1.210 2			0.5000	7.0		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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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								
Ethylbenzene	++++ 0.6086	0.5651 0.6150	0.6191	0.7119	0.6539	Ave		0.628 9			0.1000	7.9		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4297	0.3558 0.4104	0.4453	0.4759	0.4377	Ave		0.425 8				9.5		20.0			
m-Xylene & p-Xylene	++++ 0.7361	0.6876 0.7393	0.7443	0.8686	0.7922	Ave		0.761 3			0.1000	8.2		20.0			
o-Xylene	++++ 0.7954	0.6828 0.8154	0.7397	0.8885	0.8205	Ave		0.790 4			0.3000	9.0		20.0			
Styrene	++++ 1.2571	1.0125 1.2458	1.1398	1.4370	1.3176	Ave		1.235 0			0.3000	11.8		20.0			
n-Butyl acrylate	++++ 0.4197	0.1633 0.4149	0.1982	0.4011	0.4114	QuaF		0.420 7	-0.000012						1.0000		0.9900
Bromoform	++++ 0.2609	0.2278 0.2773	0.2516	0.2863	0.2726	Ave		0.262 7			0.1000	8.0		20.0			
Amyl acetate (mixed isomers)	++++ 2.8904	0.8318 3.0327	0.8645	2.2092	2.5878	QuaF		2.747 1	0.0005743						1.0000		0.9900
Isopropylbenzene	++++ 2.0488	1.7876 1.9704	1.9897	2.3224	2.1557	Ave		2.045 8			0.1000	8.9		20.0			
Bromobenzene	++++ 1.0012	0.9207 1.0915	0.8812	1.0465	0.9897	Ave		0.988 5				7.9		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.3383	1.2170 1.3991	1.2230	1.4109	1.3175	Ave		1.317 6			0.3000	6.3		20.0			
N-Propylbenzene	++++ 5.6148	4.6967 5.6346	4.8977	5.8766	5.6577	Ave		5.396 3				8.9		20.0			
1,2,3-Trichloropropane	++++ 0.2902	0.2651 0.2880	0.2857	0.3177	0.2979	Ave		0.290 7				5.9		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3649	0.3335 0.3874	0.2937	0.3803	0.3732	Ave		0.355 5				10.0		20.0			
2-Chlorotoluene	++++ 3.4025	2.9841 3.4070	3.1152	4.0356	3.5238	Ave		3.411 4				10.8		20.0			
4-Ethyltoluene	++++ 4.1784	3.4719 4.0771	3.6495	4.3796	4.0905	Ave		3.974 5				8.6		20.0			
1,3,5-Trimethylbenzene	++++ 3.6420	2.9709 3.7854	3.1479	3.7728	3.5814	Ave		3.483 4				9.8		20.0			
4-Chlorotoluene	++++ 3.3932	3.3246 3.5350	3.3598	3.8970	3.5835	Ave		3.515 5				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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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								
Butyl Methacrylate	++++ 1.5149	0.6777 1.5859	0.8527	1.2559	1.3241	QuaF		1.440 4	0.0002927						1.0000		0.9900
tert-Butylbenzene	++++ 3.0296	2.3136 3.2267	2.3854	2.8716	2.8396	Ave		2.777 8				12.9		20.0			
1,2,4-Trimethylbenzene	++++ 3.7171	2.9652 3.8686	3.2461	3.9430	3.6805	Ave		3.570 1				10.7		20.0			
sec-Butylbenzene	++++ 4.9308	3.9824 5.1636	4.1099	4.8536	4.7314	Ave		4.628 6				10.2		20.0			
1,3-Dichlorobenzene	++++ 1.8221	1.8500 1.9898	1.7061	1.9901	1.8170	Ave		1.862 5			0.6000	5.9		20.0			
4-Isopropyltoluene	++++ 3.8775	3.2279 4.0163	3.1809	3.9386	3.7735	Ave		3.669 1				10.1		20.0			
1,4-Dichlorobenzene	++++ 1.7647	1.9675 1.9173	1.8040	2.0058	1.8298	Ave		1.881 5			0.5000	5.1		20.0			
1,2,3-Trimethylbenzene	++++ 4.0507	3.3828 4.0273	3.4645	4.0617	3.8004	Ave		3.797 9				8.1		20.0			
Benzyl chloride	++++ 2.1954	1.5400 2.3312	1.6987	2.0845	2.0581	Ave		1.984 6				15.3		20.0			
Indan	++++ 3.7044	3.1169 3.7772	3.1389	3.7650	3.4953	Ave		3.499 6				8.7		20.0			
p-Diethylbenzene	++++ 2.0996	1.6879 2.1898	1.7200	2.0568	1.9537	Ave		1.951 3				10.6		20.0			
n-Butylbenzene	++++ 2.1962	2.0707 2.2445	2.0434	2.4012	2.2541	Ave		2.201 7				6.0		20.0			
1,2-Dichlorobenzene	++++ 1.7025	1.7687 1.7965	1.7100	1.9733	1.7693	Ave		1.786 7			0.4000	5.5		20.0			
1,2,4,5-Tetramethylbenzene	++++ 4.2693	3.1740 4.5142	2.8781	3.6619	3.6366	Ave		3.689 0				16.9		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2240	0.1880 0.2477	0.1767	0.2130	0.2111	Ave		0.210 1			0.0500	12.1		20.0			
1,3,5-Trichlorobenzene	++++ 1.6013	1.5605 1.6885	1.3769	1.5388	1.4696	Ave		1.539 3				7.0		20.0			
1,2,4-Trichlorobenzene	++++ 1.4949	1.6095 1.6433	1.2754	1.4555	1.3949	Ave		1.478 9			0.2000	9.2		20.0			
Hexachlorobutadiene	++++ 0.6444	0.6451 0.7136	0.5550	0.6061	0.6070	Ave		0.628 5				8.5		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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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								
Naphthalene	+++++ 3.5436	3.9764 3.7409	2.8019	3.3734	3.3798	Ave		3.469 3				11.5		20.0			
1,2,3-Trichlorobenzene	+++++ 1.3685	1.6063 1.4896	1.1136	1.3528	1.3064	Ave		1.372 9				12.2		20.0			
Dibromofluoromethane (Surr)	0.2443 0.2515	0.2517 0.2373	0.2578	0.2570	0.2528	Ave		0.250 4				2.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3574 0.3504	0.3520 0.3595	0.3656	0.3564	0.3570	Ave		0.356 9				1.4		20.0			
Toluene-d8 (Surr)	1.3864 1.2477	1.3872 1.1191	1.3964	1.3561	1.3290	Ave		1.317 4				7.7		20.0			
4-Bromofluorobenzene	0.3476 0.3516	0.3597 0.3416	0.3593	0.3660	0.3622	Ave		0.355 4				2.5		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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-806463/3	TT45700.D
Level 2	STD1 460-806463/14	TT45711.D
Level 3	STD5 460-806463/6	TT45703.D
Level 4	STD20 460-806463/7	TT45704.D
Level 5	STD50 460-806463/8	TT45705.D
Level 6	STD200 460-806463/9	TT45706.D
Level 7	STD500 460-806463/10	TT45707.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	Qua2	++++ 238821	697 619184	4905	20306	54894	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Qua2	++++ 782670	2852 2019800	17029	70208	191756	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 164198	1174 410551	4464	15999	41707	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1406661	5998 3533156	36493	165485	418584	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	893 995776	4190 2430198	22103	95961	255828	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1139177	4940 2783670	25722	113355	292914	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	++++ 697751	3727 1484288	16800	74562	182466	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	BUT	Ave	++++ 635064	4001 1366864	16422	70156	169679	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1403929	7274 3478631	35222	153779	382651	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	++++ 201521	1052 530729	5287	23384	63449	++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	++++ 778449	4005 1940648	20350	84603	224493	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	++++ 359475	2118 921961	10620	44212	109841	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	QuaF	++++ 192882	496 488998	5598	22196	45220	++++ 8000	40.0 20000	200	800	2000

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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-Methyl-1,3-butadiene	FB	Ave	++++ 659298	3354 1630429	18580	74093	193603	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 462020	2894 1160972	13840	54024	136227	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 866951	5519 2156283	24852	100763	254600	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	FB	Ave	++++ 128976	3532 250593	14633	30876	67634	++++ 203	4.06 406	20.3	40.6	101
1,1-Dichloroethene	FB	Ave	++++ 497576	3147 1302702	15024	62294	152295	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 433567	2474 1193654	13459	56613	139642	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 1224446	7507 3108187	36027	135182	381288	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 848523	4730 2273354	23380	103154	251049	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 567548	2406 1466335	12957	61127	156086	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 2222120	17033 5870348	64929	270376	676382	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 430465	2984 1166686	13523	56985	137282	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 1153630	6823 2953757	34228	148064	365315	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1548191	8670 3858892	44238	184285	467974	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	++++ 1026345	4156 2371081	21533	90166	253243	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 650006	4114 1724188	19977	84197	198976	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++	3817	20844	85109	195254	++++	10.0	50.0	200	500

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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
			742396	2009813				2000	5000			
Methyl tert-butyl ether	FB	Ave	++++ 1706145	10692 4568494	49542	212459	523500	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 557755	3468 1482661	16885	71721	172911	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3717 2805005	17314 7195681	82247	354482	864104	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 767557	5408 2128818	27729	110889	283903	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2879444	16785 7299743	80017	346827	833788	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1242886	7559 3323059	39068	163414	388584	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	++++ 233039	1113 662757	6063	27376	72122	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 525401	2882 1358794	14399	62034	157363	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 2250472	12336 6008946	58903	260223	633079	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Lin2	++++ 183545	665 515821	5699	22163	55528	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 623841	3858 1751104	18711	78665	190879	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 308181	2231 886254	7698	35426	93606	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 119896	659 332935	3216	13303	36413	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 574161	3790 1531050	15258	68477	176474	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 974508	4063 2751584	15186	97797	259176	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 279668	1739 778933	8106	34480	83591	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 147045	952 416940	4017	18492	44579	++++ 400	2.00 1000	10.0	40.0	100

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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
Methacrylonitrile	FB	Ave	++++ 2430665	13633 6633629	60015	284569	730530	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 932826	5996 2479869	31061	128330	305436	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 725121	4417 2102959	23277	92688	238530	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 746346	4289 2099503	23554	96339	232257	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 603965	3314 1736337	18671	74564	185958	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 781595	5103 2202883	23995	97205	242128	++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	++++ 2344897	10936 6667285	63823	272904	708852	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Qua2	++++ 953816	2292 3276611	12629	66865	210335	++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	++++ 2285956	15117 6369428	70732	290895	711145	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 2107412	10400 5672272	51088	235723	592315	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 341538	1846 933880	8445	39544	97246	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 750765	5620 2050407	24577	101828	245753	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 104413	759 308877	3473	14501	36734	++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	++++ 530715	3559 1552758	15346	63283	159516	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 76048	++++ 754380	++++	++++	++++	++++ 5000	++++ 12500	++++	++++	++++
Methylcyclohexane	FB	Ave	++++ 881887	4918 2519038	25068	104095	283724	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++	++++	1134	7551	21726	++++	++++	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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
			69903	211879				200	500			
1,2-Dichloropropane	FB	Ave	++++ 671380	4230 1859442	19940	85956	208201	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Qua2	++++ 253131	996 752229	5382	27066	74464	++++ 400	2.00 1000	10.0	40.0	100
Dibromomethane	FB	Ave	++++ 327882	2232 941021	10030	42208	104075	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	++++ 122810	1659 ++++	2432	13988	35669	++++ 4000	50.0 ++++	100	400	1000
n-Propyl acetate	FB	QuaF	++++ 1053030	3883 2985537	13492	96932	296199	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 737926	4136 2131971	21124	90153	225433	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 374707	2891 1082842	10211	40845	107738	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 403552	1878 1210531	9224	43257	116759	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	QuaF	++++ 1294758	4105 3907924	17598	121156	365687	++++ 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 978476	5405 2825538	25029	118182	303785	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 1399753	9388 3900942	25591	140644	385116	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2132343	14374 6066804	63315	273013	681804	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 857841	4747 2643995	22219	101888	265795	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Qua2	++++ 799654	3353 2350803	17144	84964	234641	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 423999	2517 1264488	11823	52811	133696	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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
Tetrachloroethene	CBNZ d5	Ave	++++ 441798	2852 1298686	12372	53346	139991	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 861553	5522 2554027	23264	108804	271453	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	QuaF	++++ 2429760	4328 7074694	24409	210356	673733	++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBNZ d5	Ave	++++ 460299	2539 1384012	12215	55421	141705	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	QuaF	++++ 1250750	4661 3556225	21187	137835	358464	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 433817	2810 1308124	11379	53686	136718	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1349214	8404 3958356	37867	164272	418045	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 718498	4170 2119259	18895	86237	221538	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 507274	2626 1414182	13591	57650	148304	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 869021	5074 2547383	22716	105218	268386	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 938943	5039 2809738	22577	107628	277967	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1484090	7472 4292587	34789	174071	446400	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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-Butyl acrylate	CBNZ d5	QuaF	+++++	1205	6050	48588	139387	+++++	1.00	5.00	20.0	50.0
			495523	1429466				200	500			
Bromoform	CBNZ d5	Ave	+++++	1681	7680	34681	92340	+++++	1.00	5.00	20.0	50.0
			307954	955647				200	500			
Amyl acetate (mixed isomers)	DCBd 4	QuaF	+++++	3088	13630	135955	429761	+++++	1.00	5.00	20.0	50.0
			1545539	4515863				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	13192	60729	281336	730312	+++++	1.00	5.00	20.0	50.0
			2418643	6789598				200	500			
Bromobenzene	DCBd 4	Ave	+++++	3418	13893	64404	164358	+++++	1.00	5.00	20.0	50.0
			535371	1625350				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	4518	19283	86827	218798	+++++	1.00	5.00	20.0	50.0
			715600	2083302				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	17436	77220	361644	939583	+++++	1.00	5.00	20.0	50.0
			3002303	8390297				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	984	4504	19550	49467	+++++	1.00	5.00	20.0	50.0
			155168	428822				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	1238	4631	23404	61973	+++++	1.00	5.00	20.0	50.0
			195135	576849				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	11078	49117	248353	585200	+++++	1.00	5.00	20.0	50.0
			1819386	5073270				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	12889	57540	269523	679314	+++++	1.00	5.00	20.0	50.0
			2234273	6071128				200	500			
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++	11029	49632	232179	594771	+++++	1.00	5.00	20.0	50.0
			1947421	5636702				200	500			



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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
4-Chlorotoluene	DCBd 4	Ave	++++ 1814411	12342 5263845	52973	239824	595121	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 810062	2516 2361515	13444	77288	219890	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1619979	8589 4804761	37610	176718	471583	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 1987592	11008 5760648	51181	242652	611217	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 2636552	14784 7688965	64800	298693	785752	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 974310	6868 2962936	26900	122470	301756	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2073374	11983 5980554	50152	242382	626670	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 943610	7304 2855084	28443	123434	303883	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2165956	12558 5996964	54624	249956	631144	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1173916	5717 3471282	26783	128279	341783	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 1980826	11571 5624551	49490	231696	580462	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1122676	6266 3260856	27119	126578	324454	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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-Butylbenzene	DCBd 4	Ave	++++ 1174324	7687 3342242	32217	147770	374341	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 910344	6566 2675145	26961	121437	293834	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2282858	11783 6721968	45378	225356	603932	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 119772	698 368895	2786	13111	35053	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 856230	5793 2514297	21709	94699	244055	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 799349	5975 2446993	20109	89572	231648	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 344592	2395 1062545	8751	37297	100810	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 1894833	14762 5570482	44176	207598	561281	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 731782	5963 2218127	17558	83249	216962	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	118577 97917	135050 100008	116940	109672	115576	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	173455 136446	188823 151491	165819	152127	163186	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	453774 368225	511855 385618	426187	410694	450232	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	113766	132711	109659	110830	122708	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

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
			103757	117703				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

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1 Analy Batch No.: 806463

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 07:09 Calibration End Date: 10/12/2021 12:08 Calibration ID: 87655

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-806463/3	TT45700.D
Level 2	STD1 460-806463/14	TT45711.D
Level 3	STD5 460-806463/6	TT45703.D
Level 4	STD20 460-806463/7	TT45704.D
Level 5	STD50 460-806463/8	TT45705.D
Level 6	STD200 460-806463/9	TT45706.D
Level 7	STD500 460-806463/10	TT45707.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
2,2-Dichloropropane	+++++	-2.0						30				

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D  
 Lims ID: STD8  
 Client ID:  
 Sample Type: IC Calib Level: 8  
 Inject. Date: 12-Oct-2021 07:09:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD8  
 Misc. Info.: 460-0135876-003  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:01:21 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 09:27:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.433	1.439	-0.006	25	893	0.2500	0.1797	
* 31 TBA-d9 (IS)	66	2.506	2.519	-0.012	97	44878	1000.0	1000.0	
35 Acrylonitrile	53	2.708	2.720	-0.012	95	3717	2.00	2.09	
* 42 2-Butanone-d5	46	3.396	3.409	-0.013	99	362112	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.817	-0.006	95	118577	50.0	48.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	95	173455	50.0	50.1	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	485329	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.049	5.055	-0.006	91	12318	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	97	453774	50.0	52.6	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	92	327306	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.145	9.145	0.000	0	113766	50.0	48.9	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.425	0.001	97	159733	50.0	50.0	

## QC Flag Legend

Processing Flags

## Reagents:

ACROLEIN W_00131	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00144	Amount Added: 0.00	Units: uL	
GASES Li_00442	Amount Added: 2.50	Units: uL	
524freon_00043	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00090	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

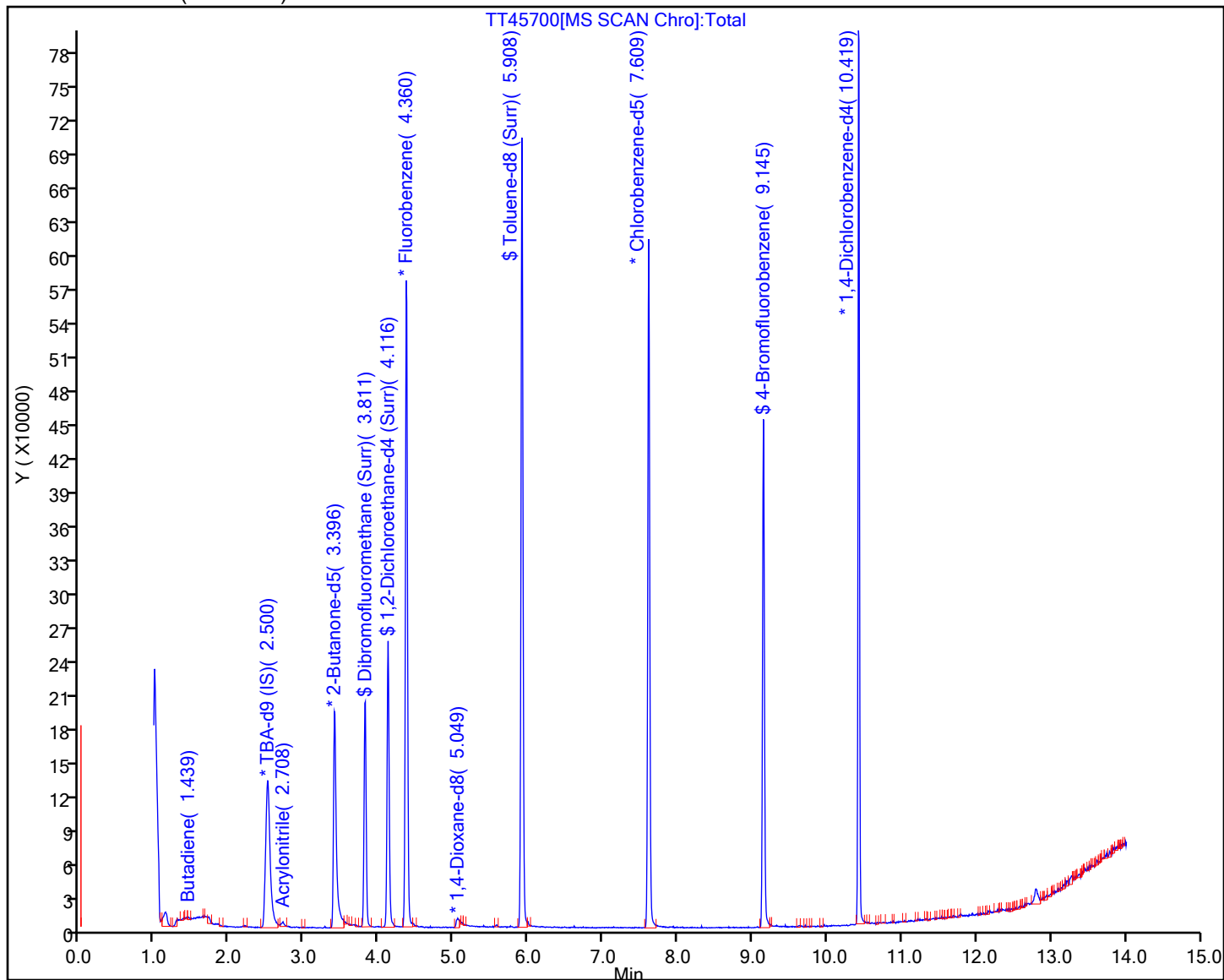
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

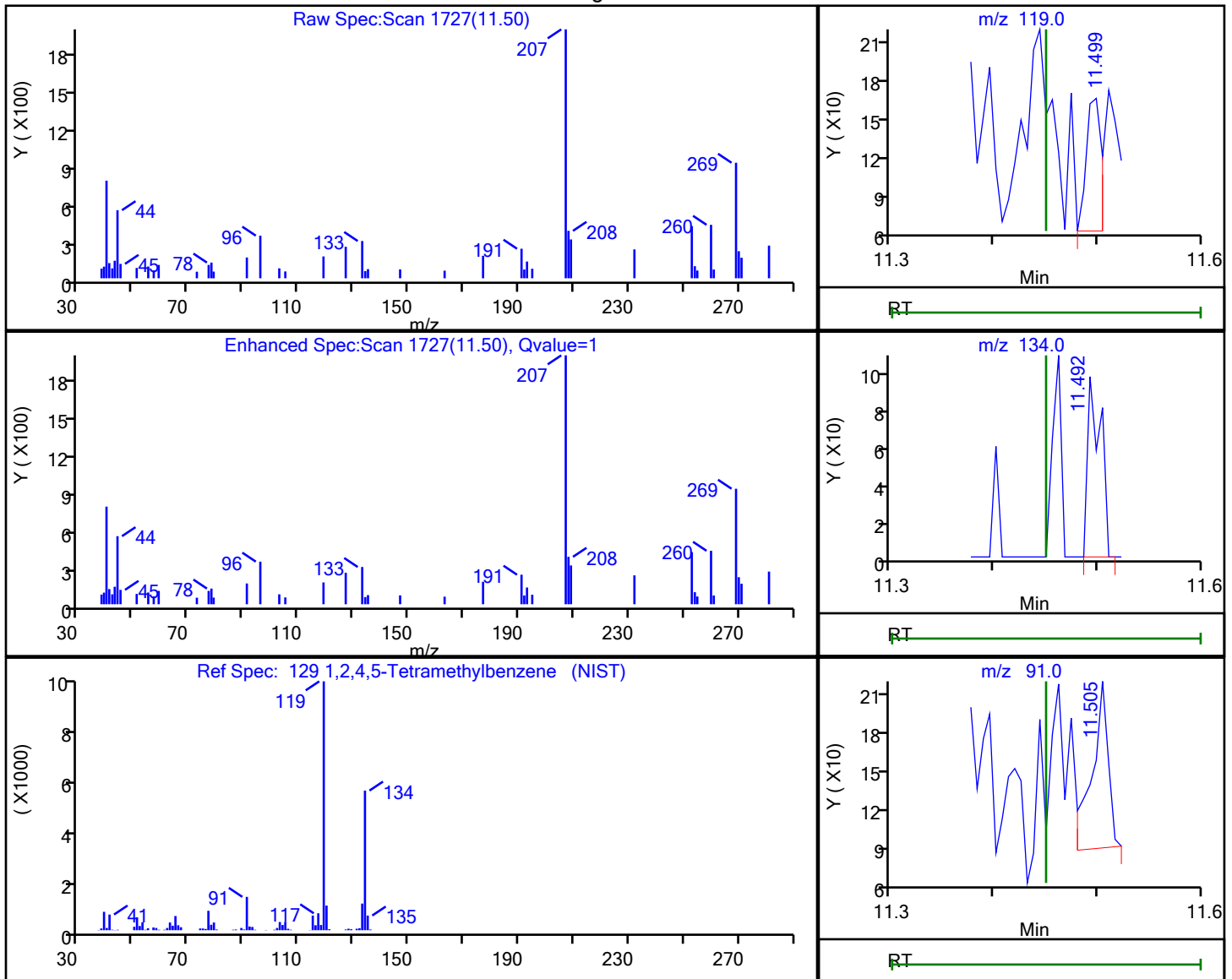
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

## Processing Results



RT	Mass	Response	Amount
11.50	119.00	101	0.009929
11.49	134.00	82	
11.50	91.00	134	

Reviewer: desais, 12-Oct-2021 09:27:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

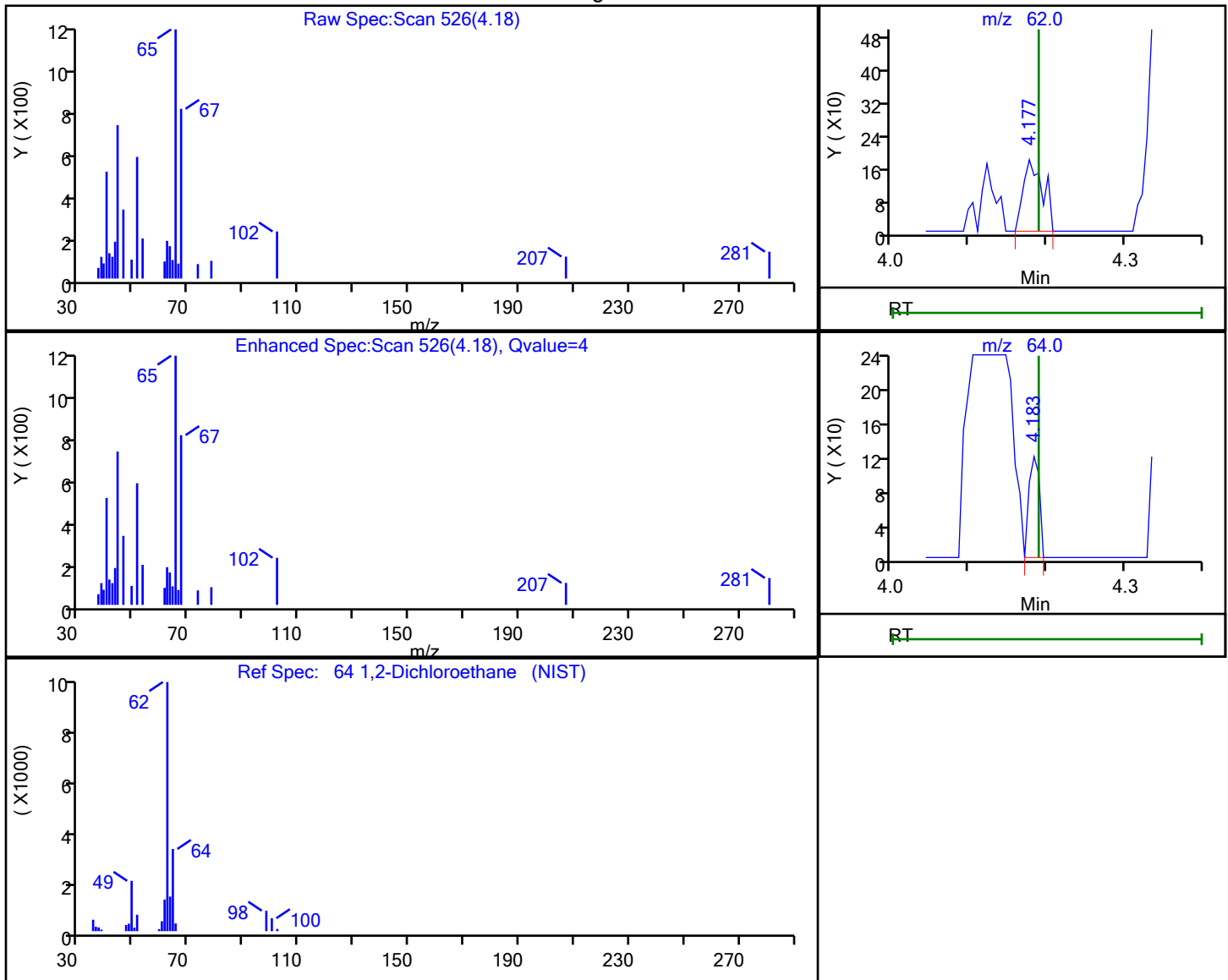
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 64 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



RT	Mass	Response	Amount
4.18	62.00	311	0.057361
4.18	64.00	109	

Reviewer: desais, 12-Oct-2021 09:26:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

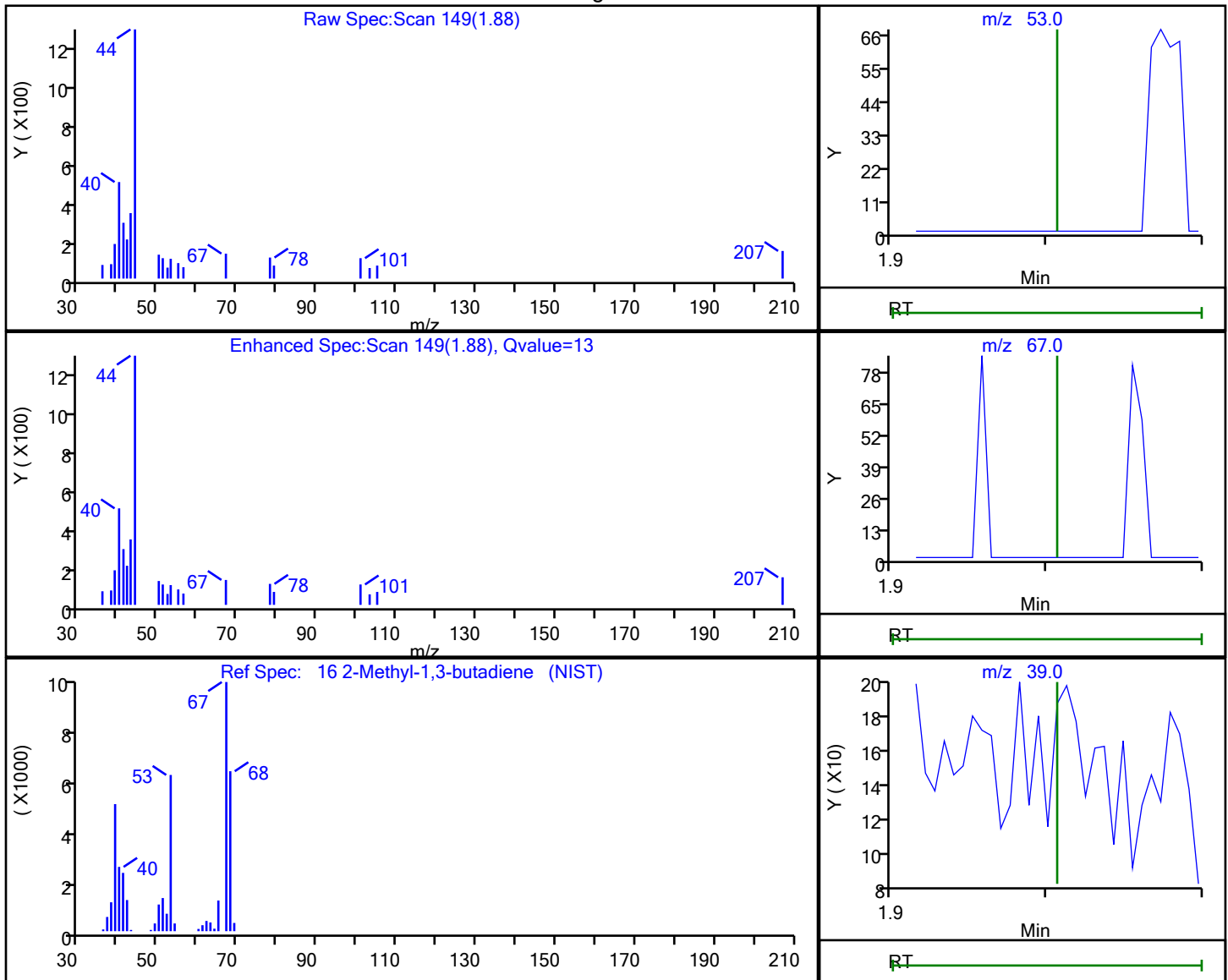
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

**16 2-Methyl-1,3-butadiene, CAS: 78-79-5**

## Processing Results



RT	Mass	Response	Amount
1.88	53.00	119	0.030540
1.89	67.00	84	
1.87	39.00	103	

Reviewer: desais, 12-Oct-2021 09:26:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

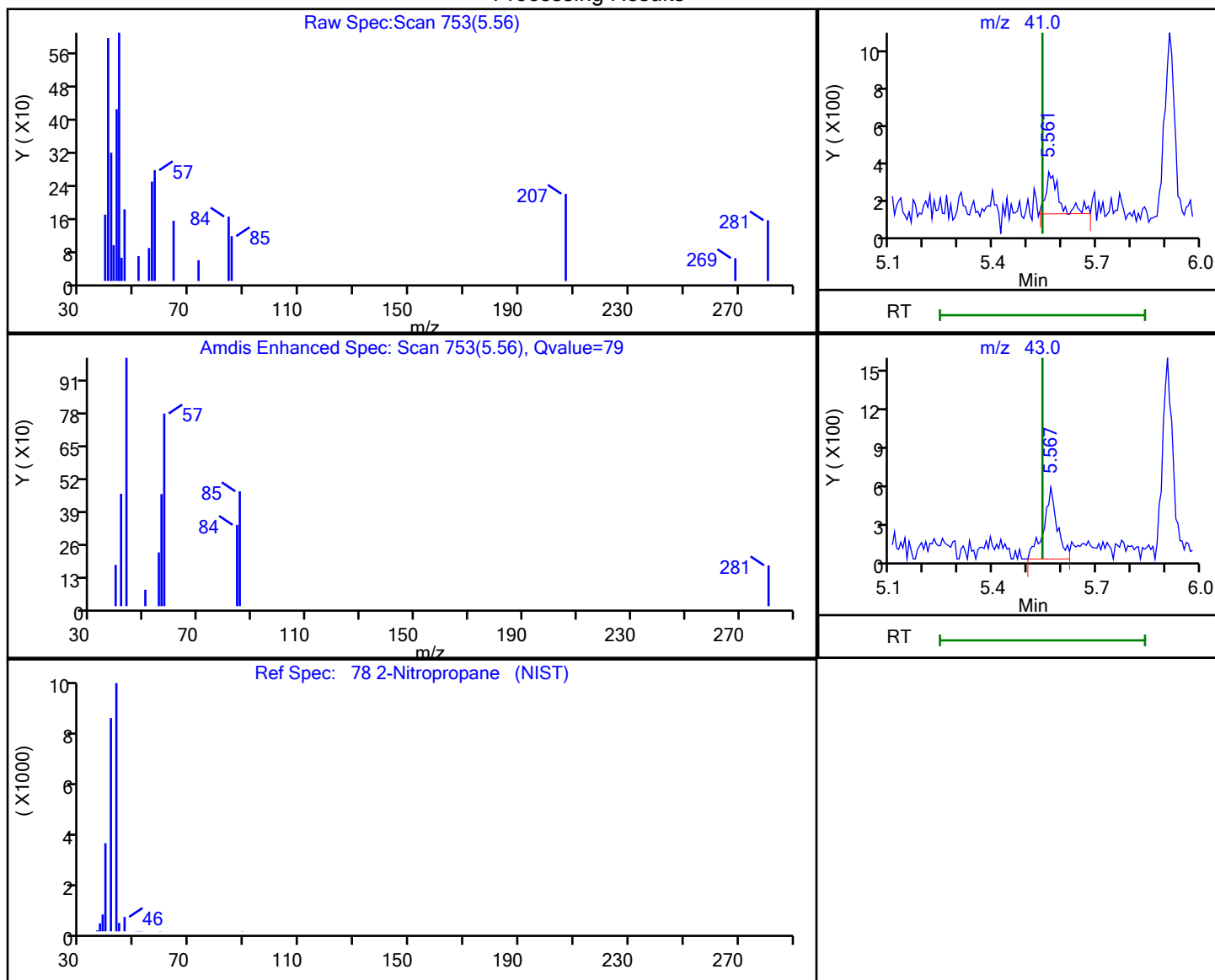
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 78 2-Nitropropane, CAS: 79-46-9

## Processing Results



RT	Mass	Response	Amount
5.56	41.00	582	0.525385
5.57	43.00	1543	

Reviewer: desais, 12-Oct-2021 09:26:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

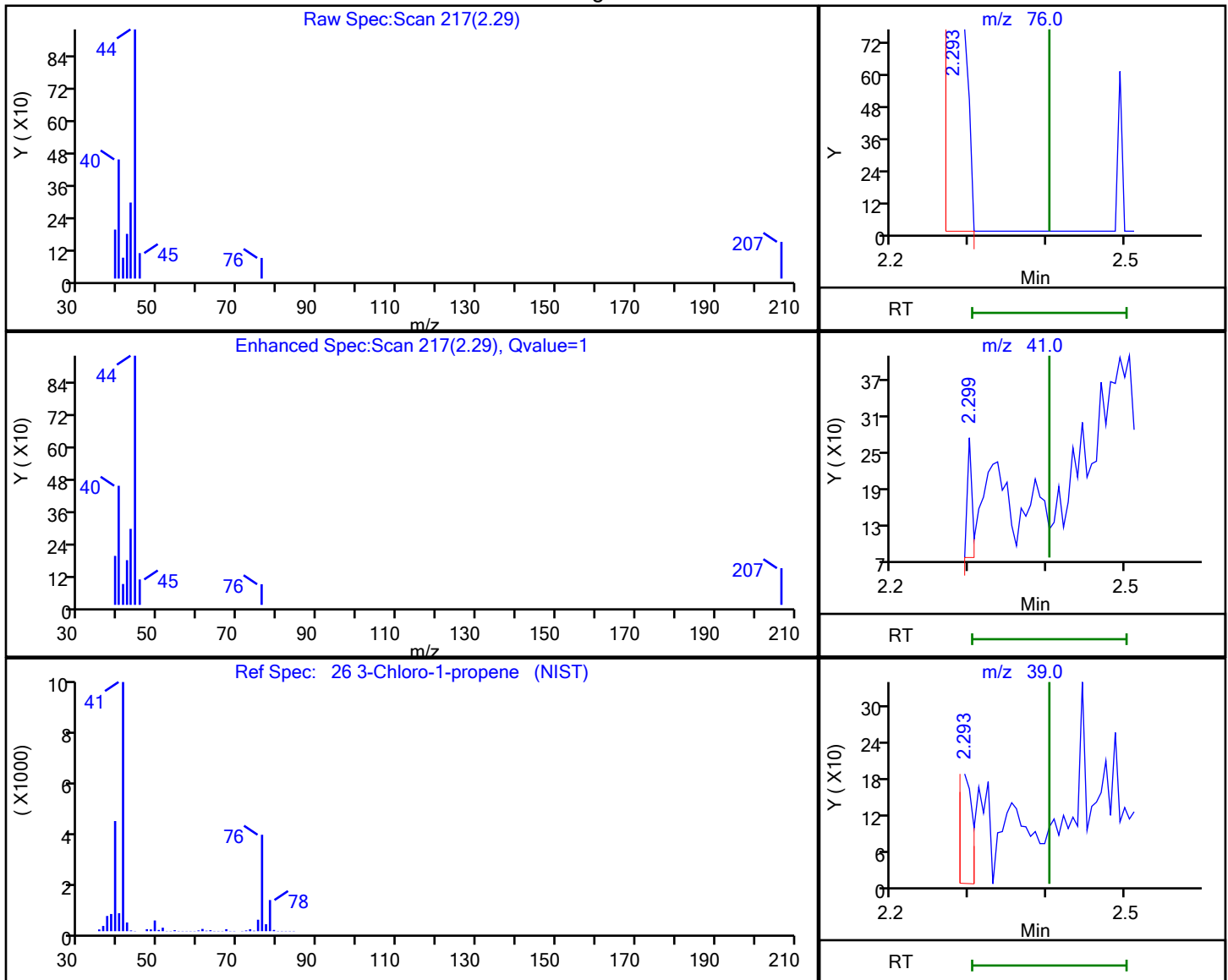
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



RT	Mass	Response	Amount
2.29	76.00	116	0.039361
2.30	41.00	82	
2.29	39.00	180	

Reviewer: desais, 12-Oct-2021 09:26:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

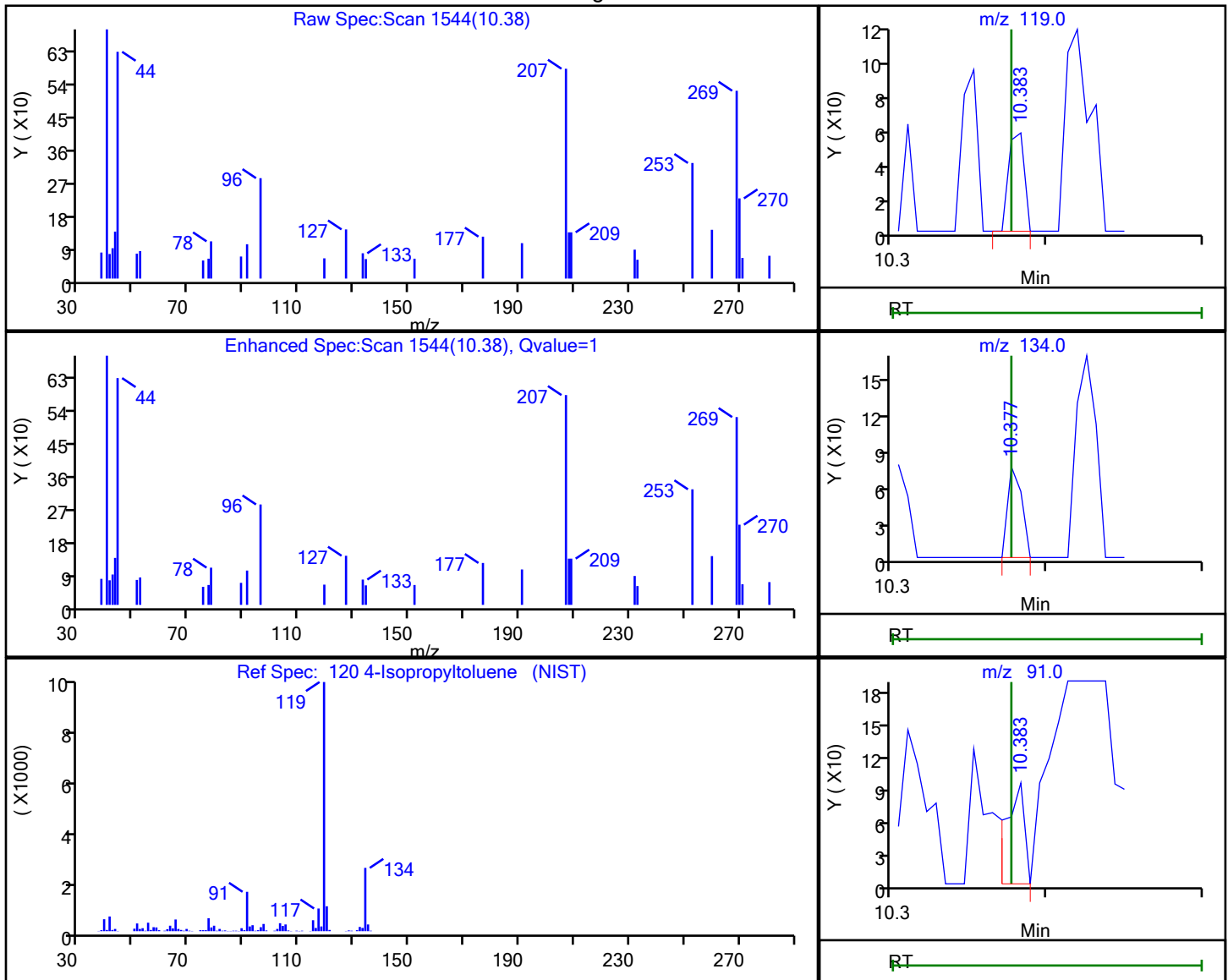
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 120 4-Isopropyltoluene, CAS: 99-87-6

## Processing Results



RT	Mass	Response	Amount
10.38	119.00	40	0.003655
10.38	134.00	47	
10.38	91.00	80	

Reviewer: desais, 12-Oct-2021 09:27:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

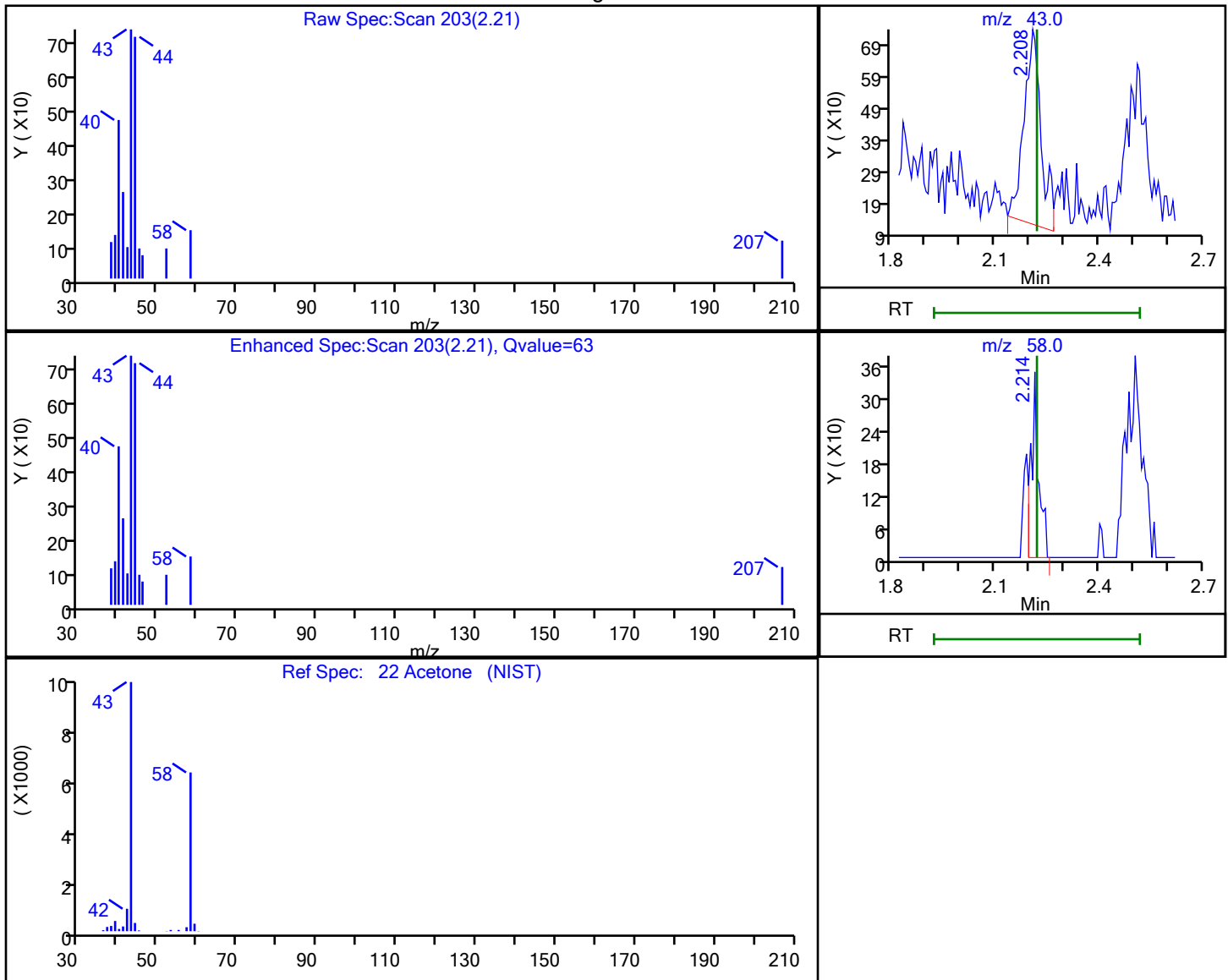
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 22 Acetone, CAS: 67-64-1

## Processing Results



RT	Mass	Response	Amount
2.21	43.00	2129	0.230318
2.21	58.00	507	

Reviewer: desais, 12-Oct-2021 09:26:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

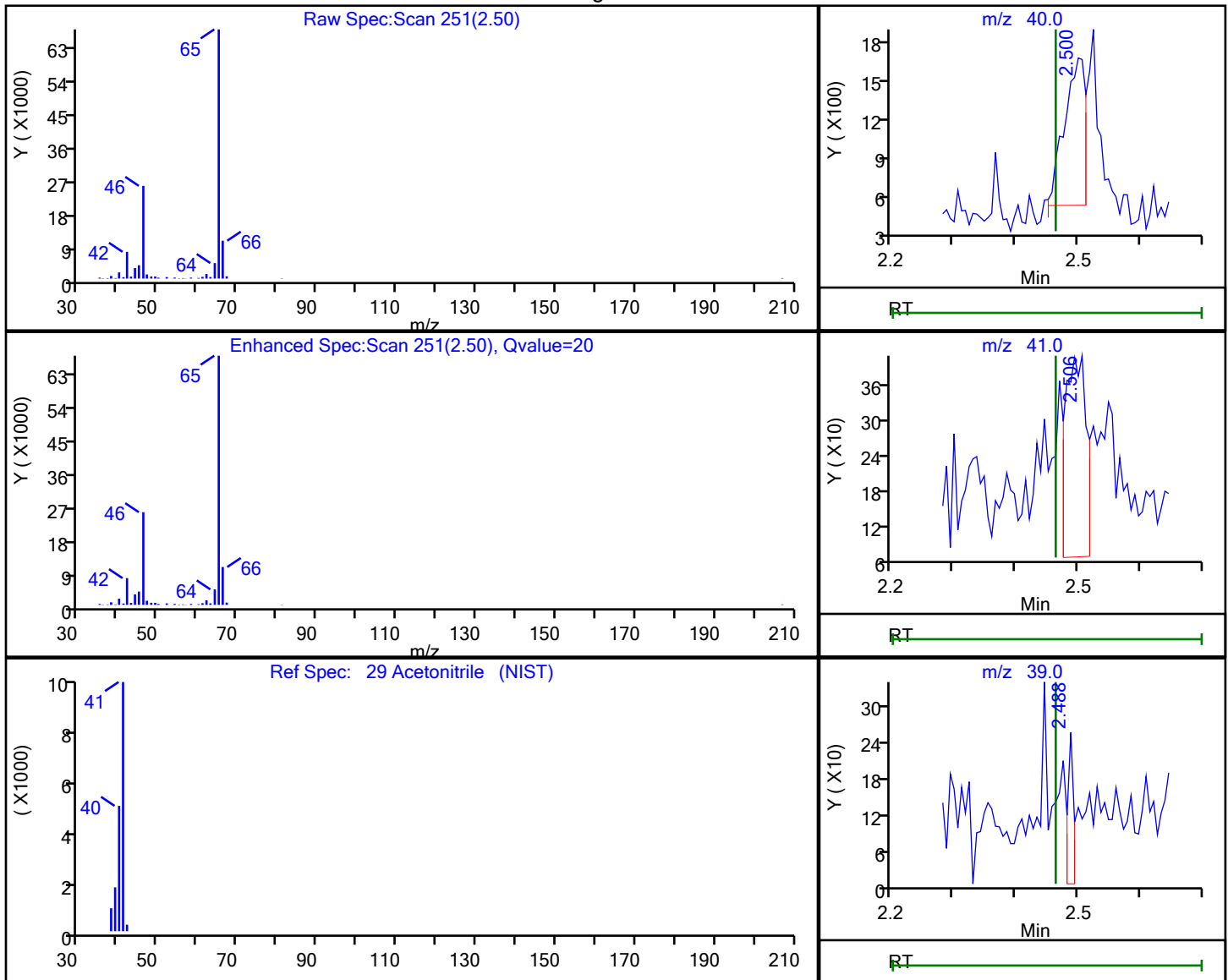
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 29 Acetonitrile, CAS: 75-05-8

## Processing Results



RT	Mass	Response	Amount
2.50	40.00	2655	
2.51	41.00	821	0.836322
2.49	39.00	171	
2.50	38.00	1952	

Reviewer: desais, 12-Oct-2021 09:26:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

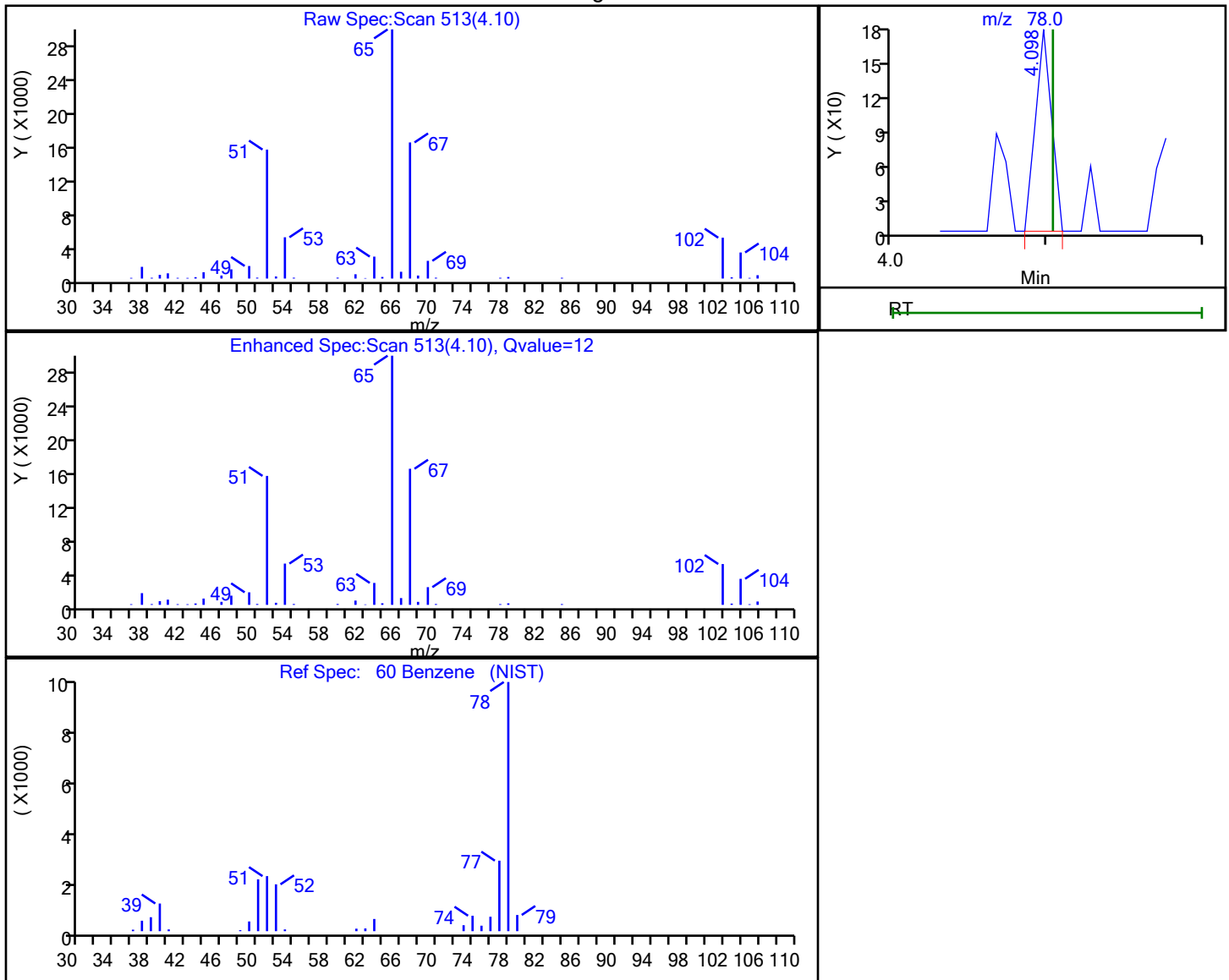
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 60 Benzene, CAS: 71-43-2

## Processing Results



RT	Mass	Response	Amount
4.10	78.00	130	0.008828

Reviewer: desais, 12-Oct-2021 09:26:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

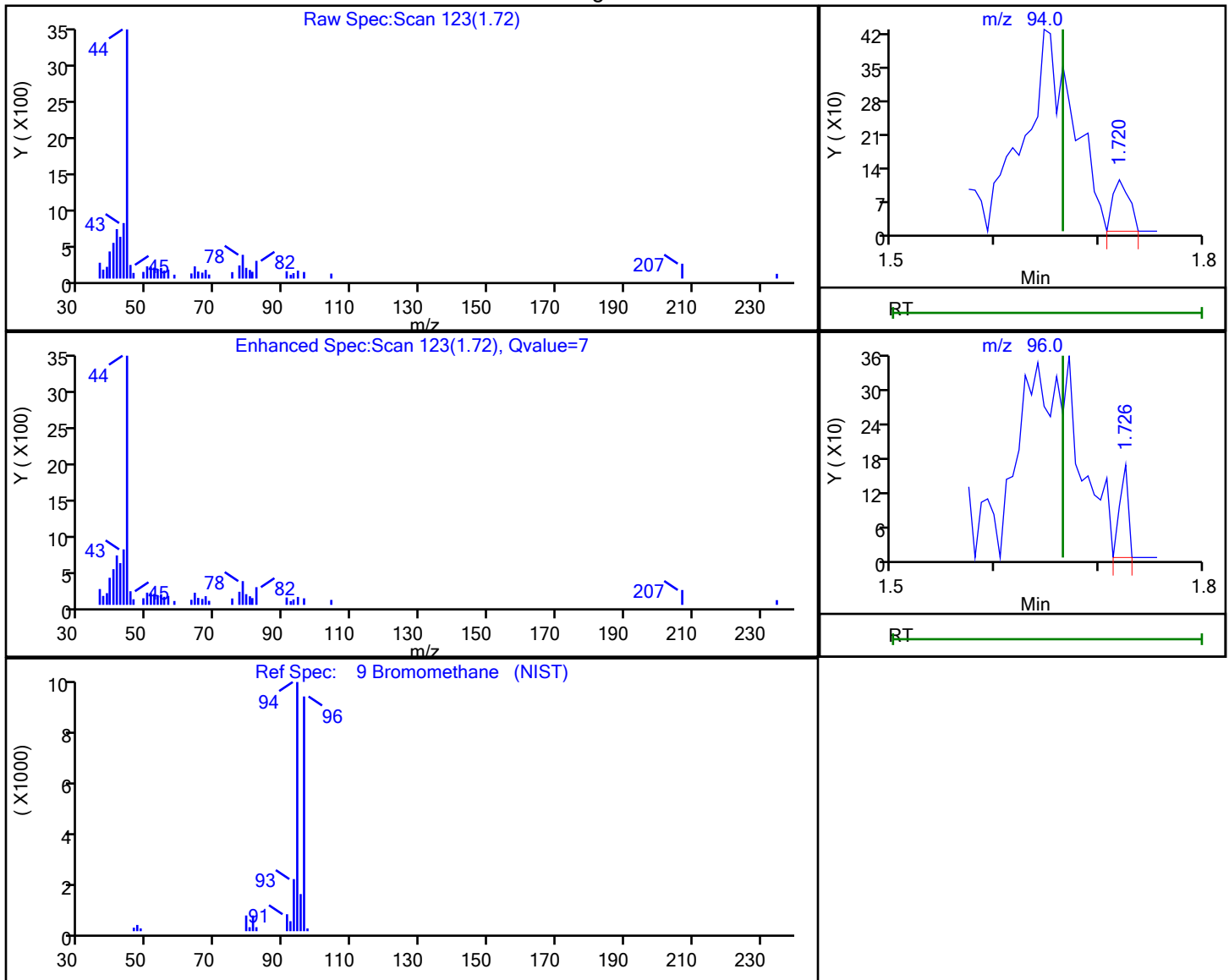
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 9 Bromomethane, CAS: 74-83-9

## Processing Results



RT	Mass	Response	Amount
1.72	94.00	120	0.027631
1.73	96.00	92	

Reviewer: desais, 12-Oct-2021 09:26:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

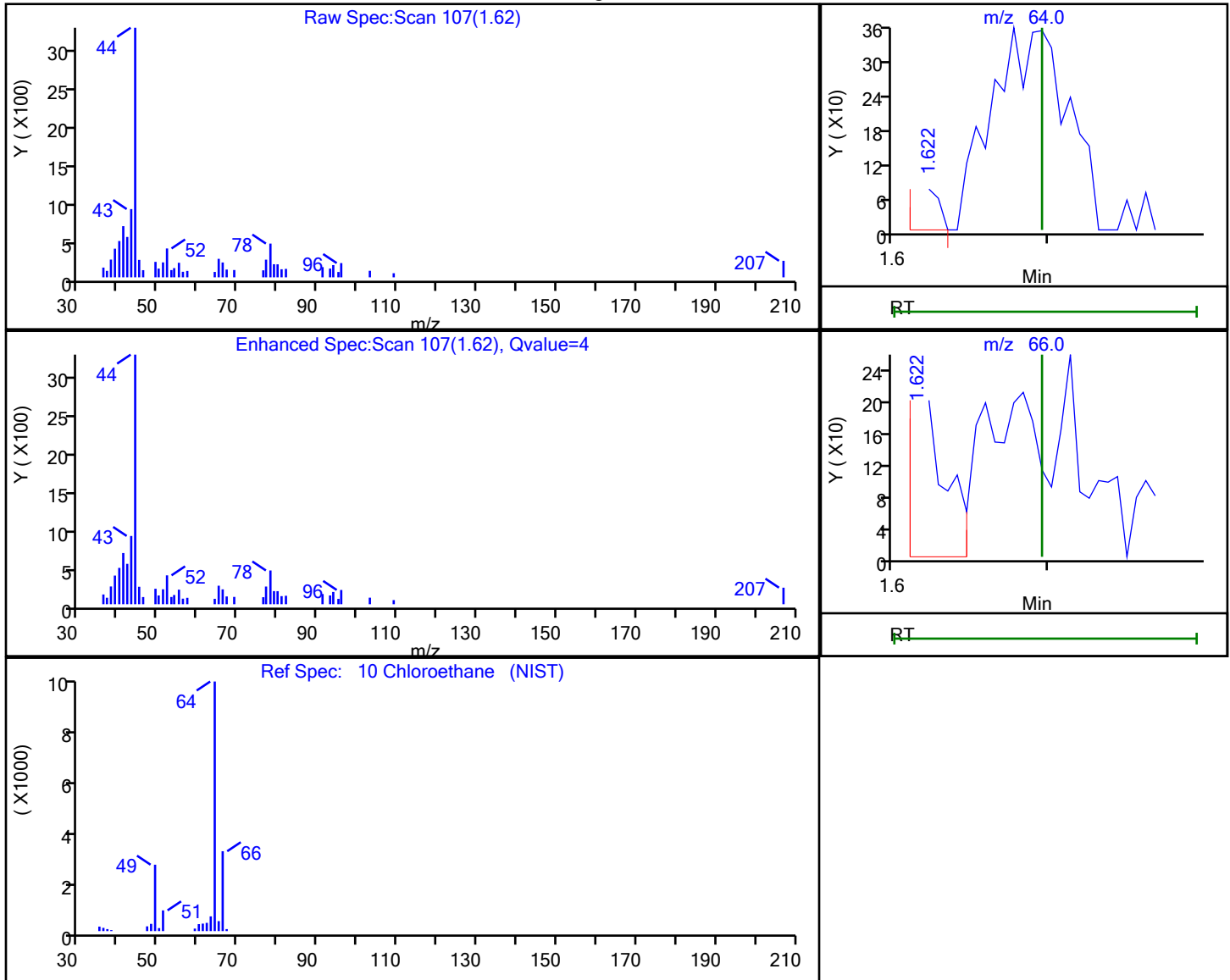
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 10 Chloroethane, CAS: 75-00-3

## Processing Results



RT	Mass	Response	Amount
1.62	64.00	46	0.011145
1.62	66.00	242	

Reviewer: desais, 12-Oct-2021 09:26:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

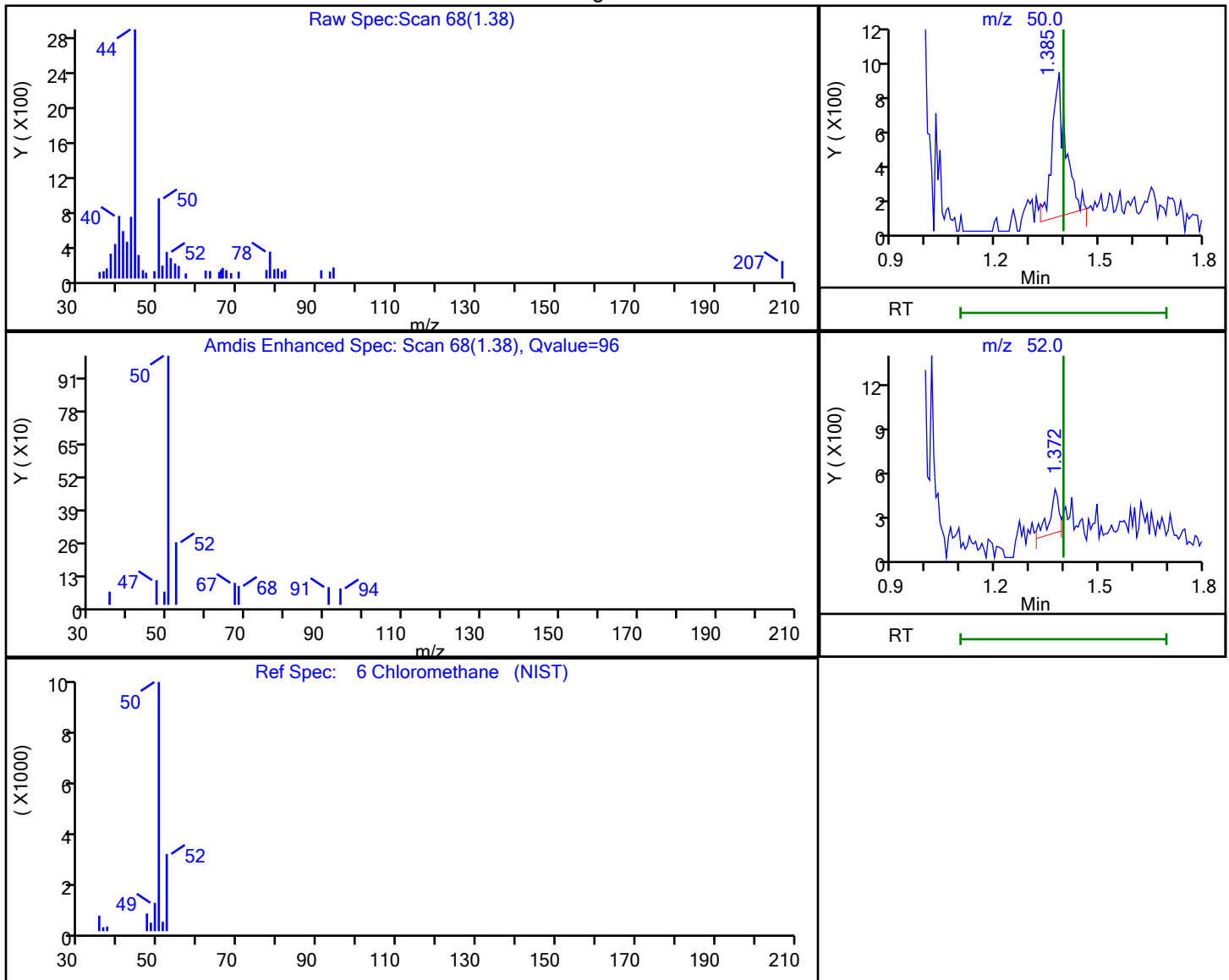
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 6 Chloromethane, CAS: 74-87-3

## Processing Results



RT	Mass	Response	Amount
1.38	50.00	2283	0.270509
1.37	52.00	581	

Reviewer: desais, 12-Oct-2021 09:26:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

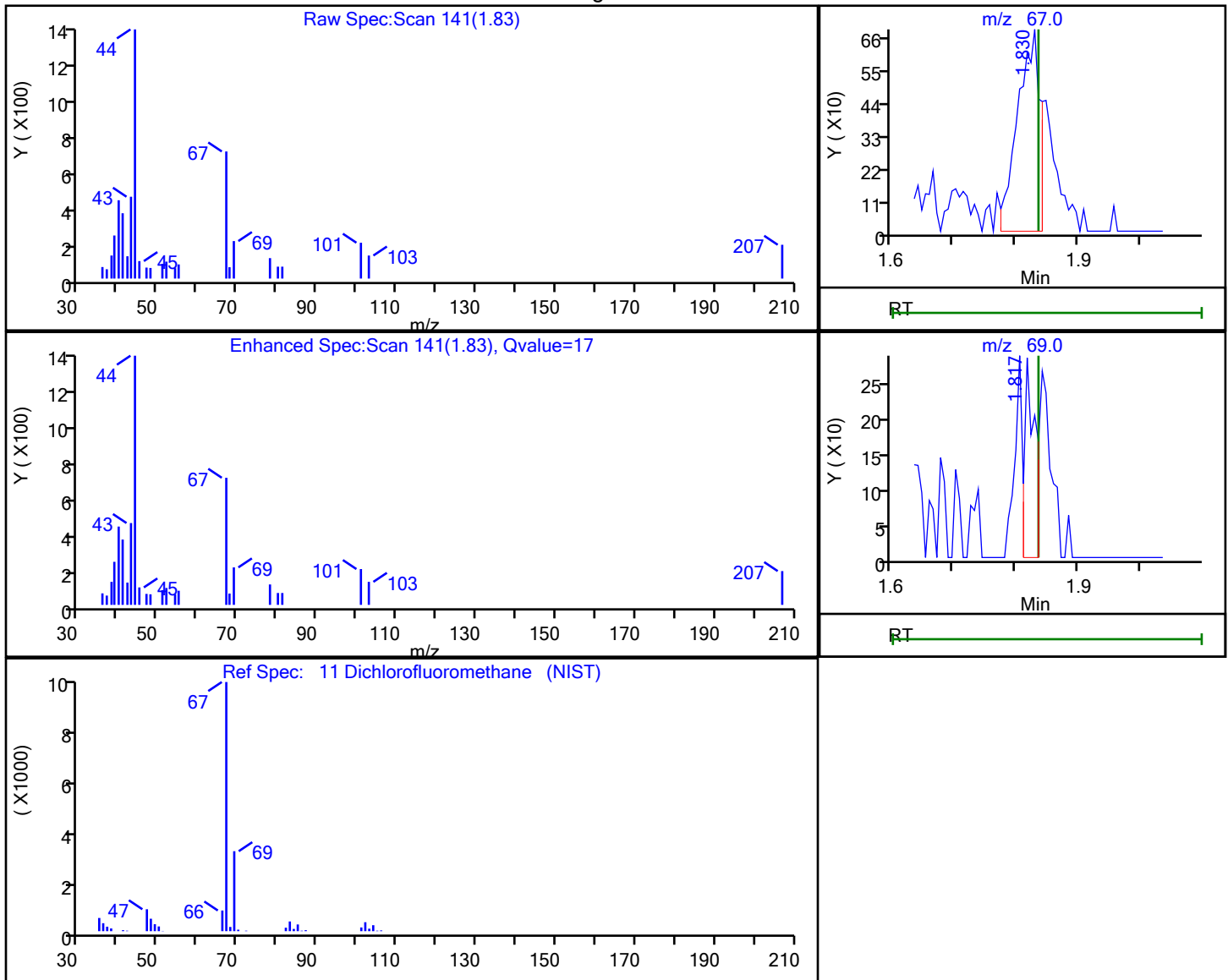
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 11 Dichlorofluoromethane, CAS: 75-43-4

## Processing Results



RT	Mass	Response	Amount
1.83	67.00	1718	0.220223
1.82	69.00	341	

Reviewer: desais, 12-Oct-2021 09:26:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

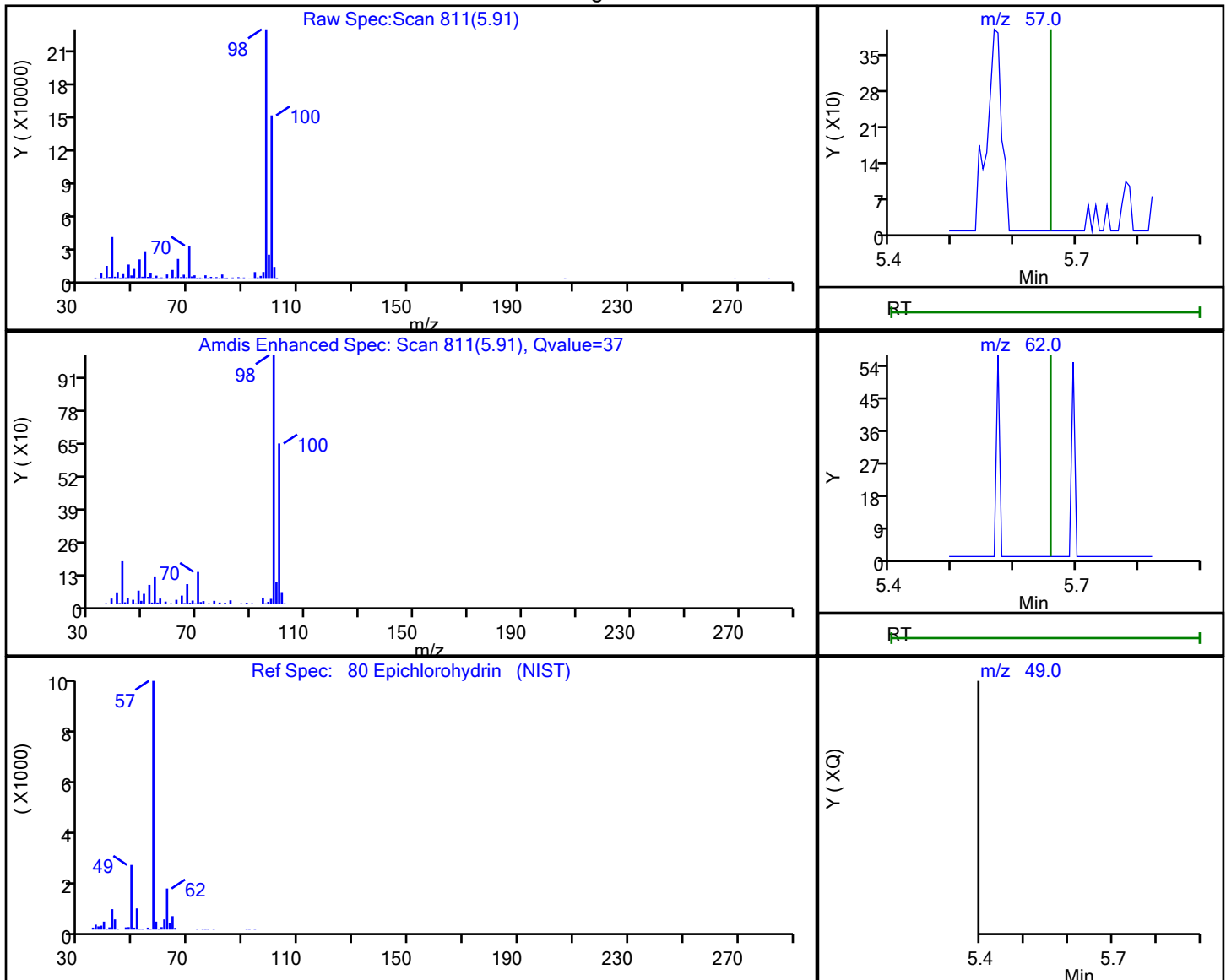
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 80 Epichlorohydrin, CAS: 106-89-8

## Processing Results



RT	Mass	Response	Amount
5.91	57.00	602	2.018395
5.91	62.00	7253	
5.91	49.00	5456	

Reviewer: baronm, 14-Oct-2021 13:06:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

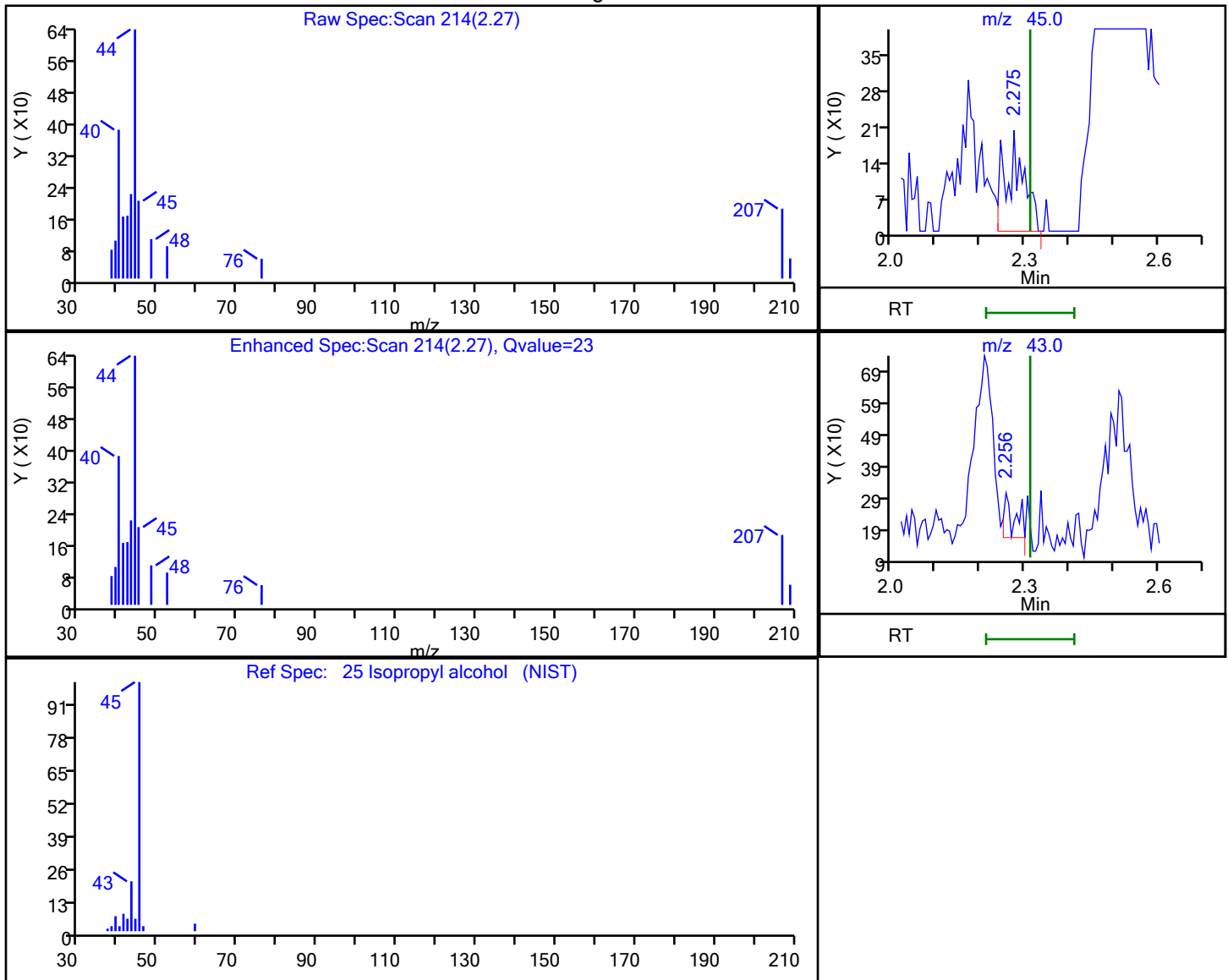
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 25 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



RT	Mass	Response	Amount
2.27	45.00	538	1.744855
2.26	43.00	222	

Reviewer: desais, 12-Oct-2021 09:26:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

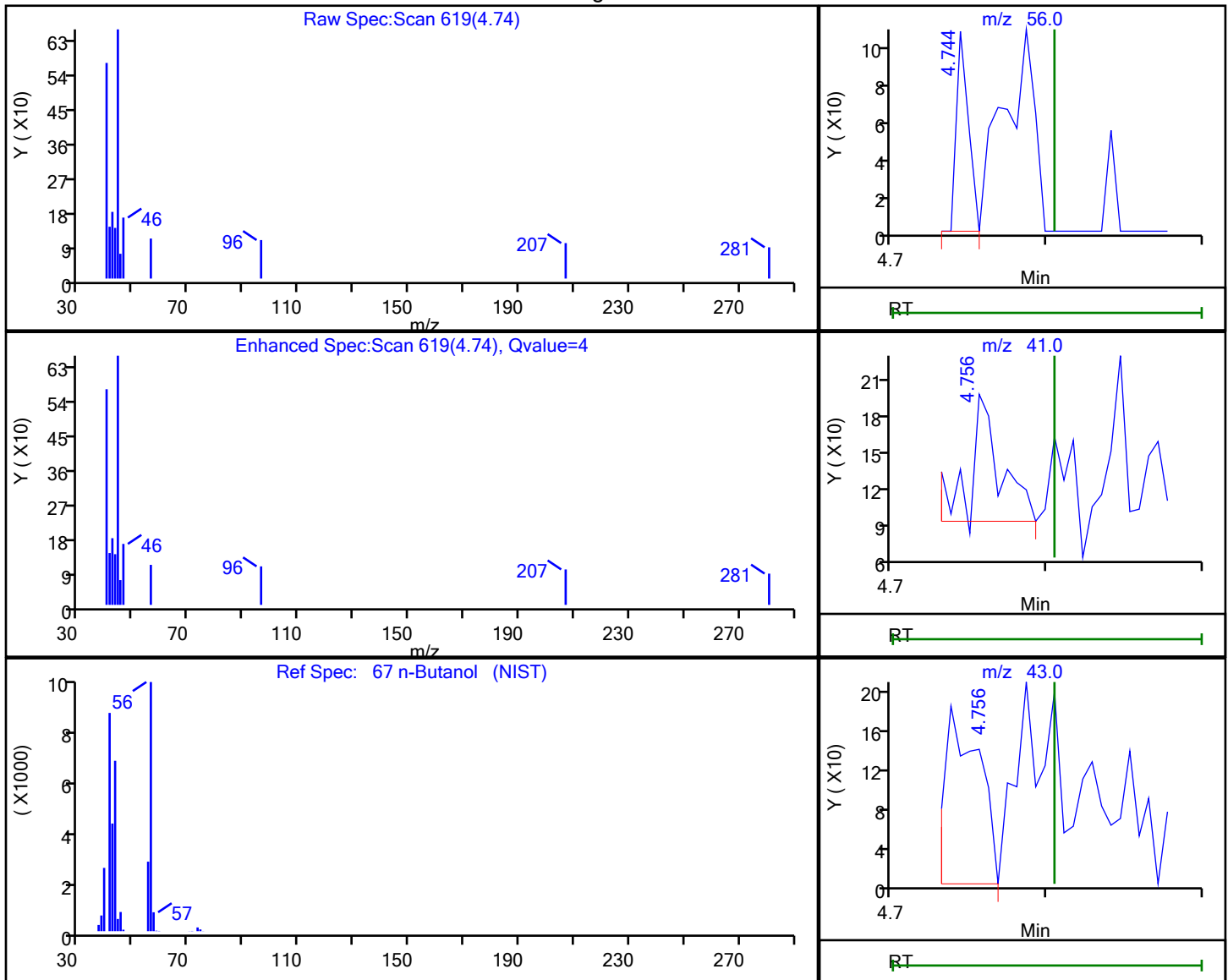
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 67 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
4.74	56.00	57	0.645049
4.76	41.00	144	
4.76	43.00	283	

Reviewer: desais, 12-Oct-2021 09:26:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

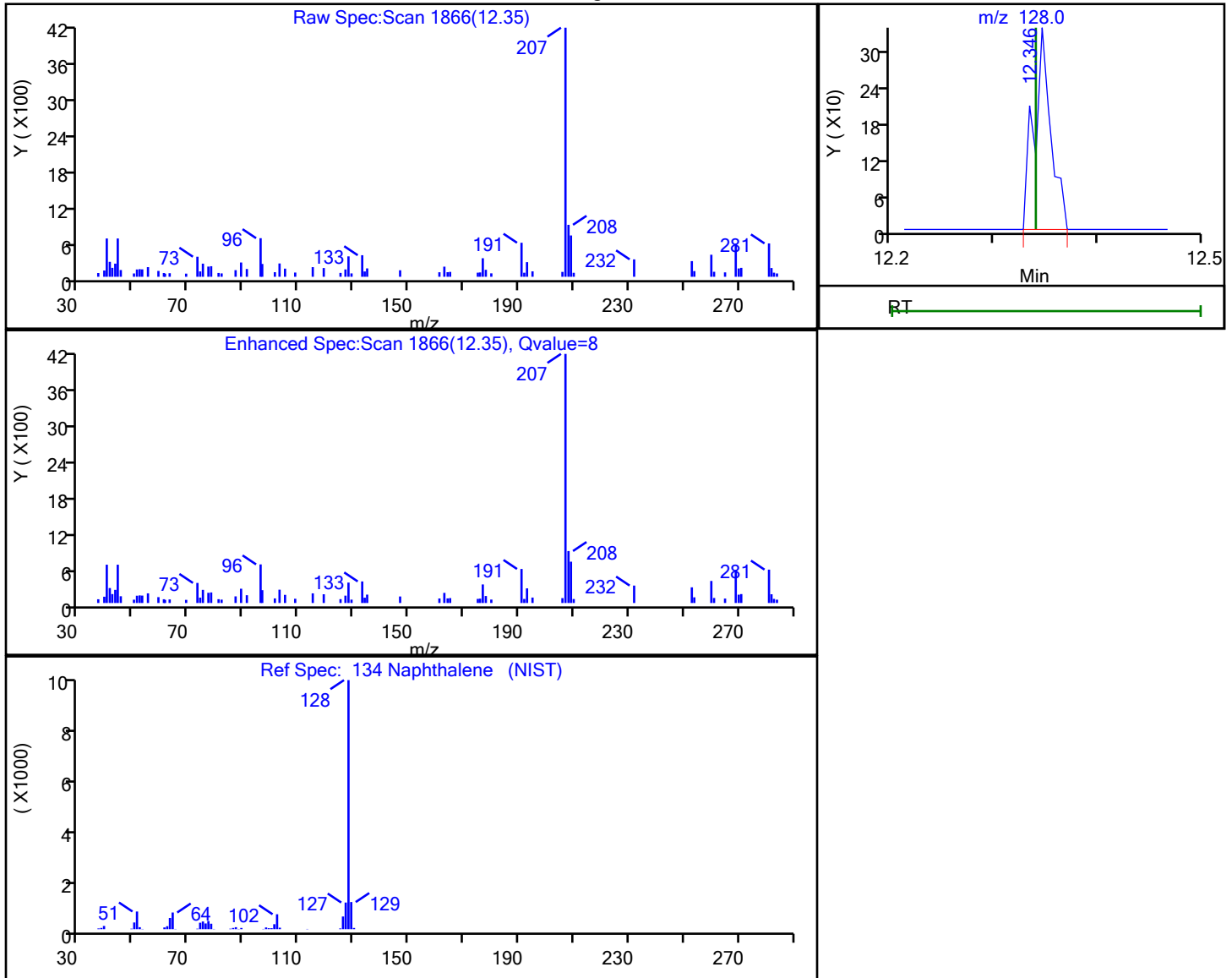
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 134 Naphthalene, CAS: 91-20-3

## Processing Results



RT	Mass	Response	Amount
12.35	128.00	383	0.038675

Reviewer: desais, 12-Oct-2021 09:27:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

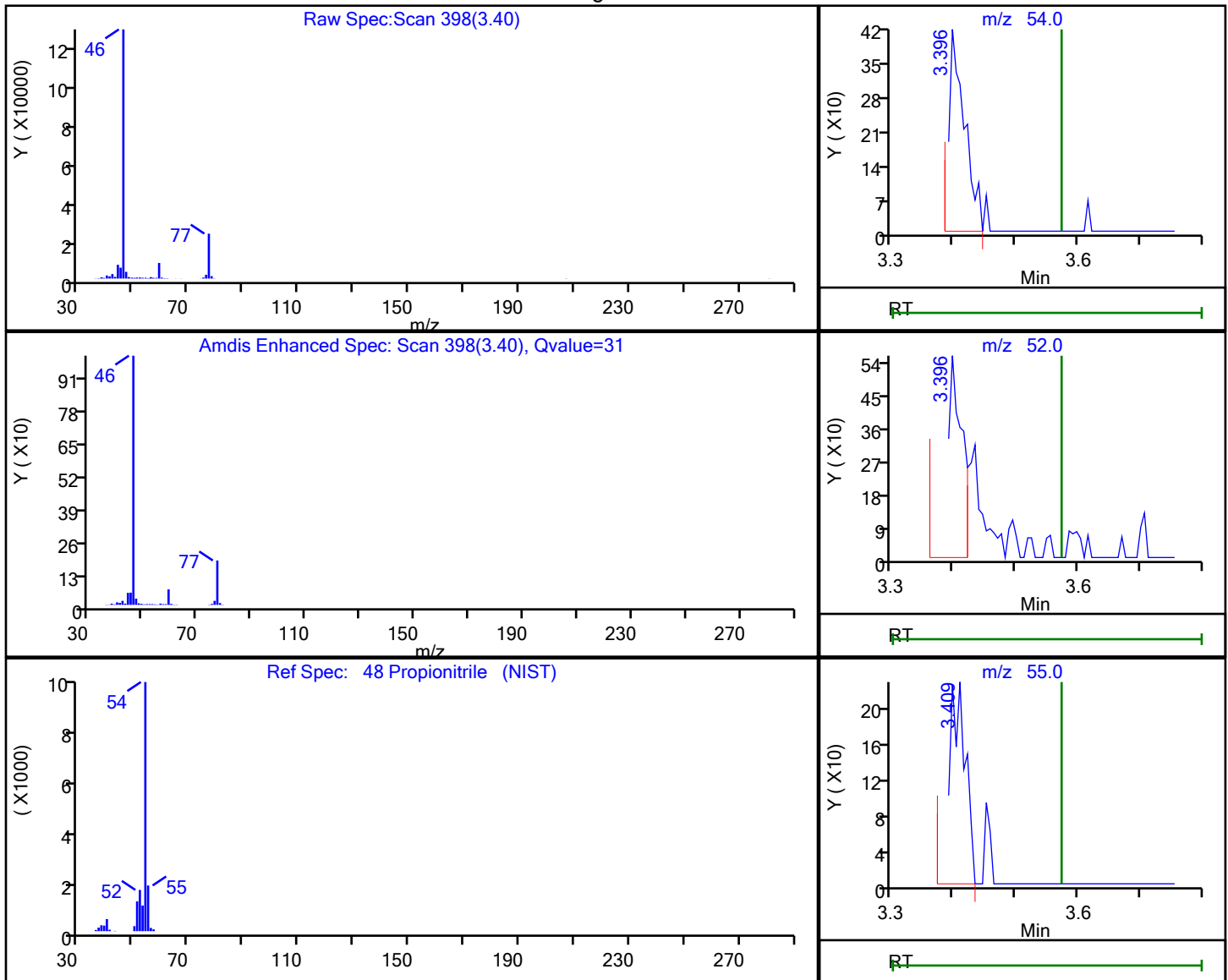
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 48 Propionitrile, CAS: 107-12-0

## Processing Results



RT	Mass	Response	Amount
3.40	54.00	701	1.190216
3.40	52.00	1097	
3.41	55.00	413	

Reviewer: desais, 12-Oct-2021 09:26:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

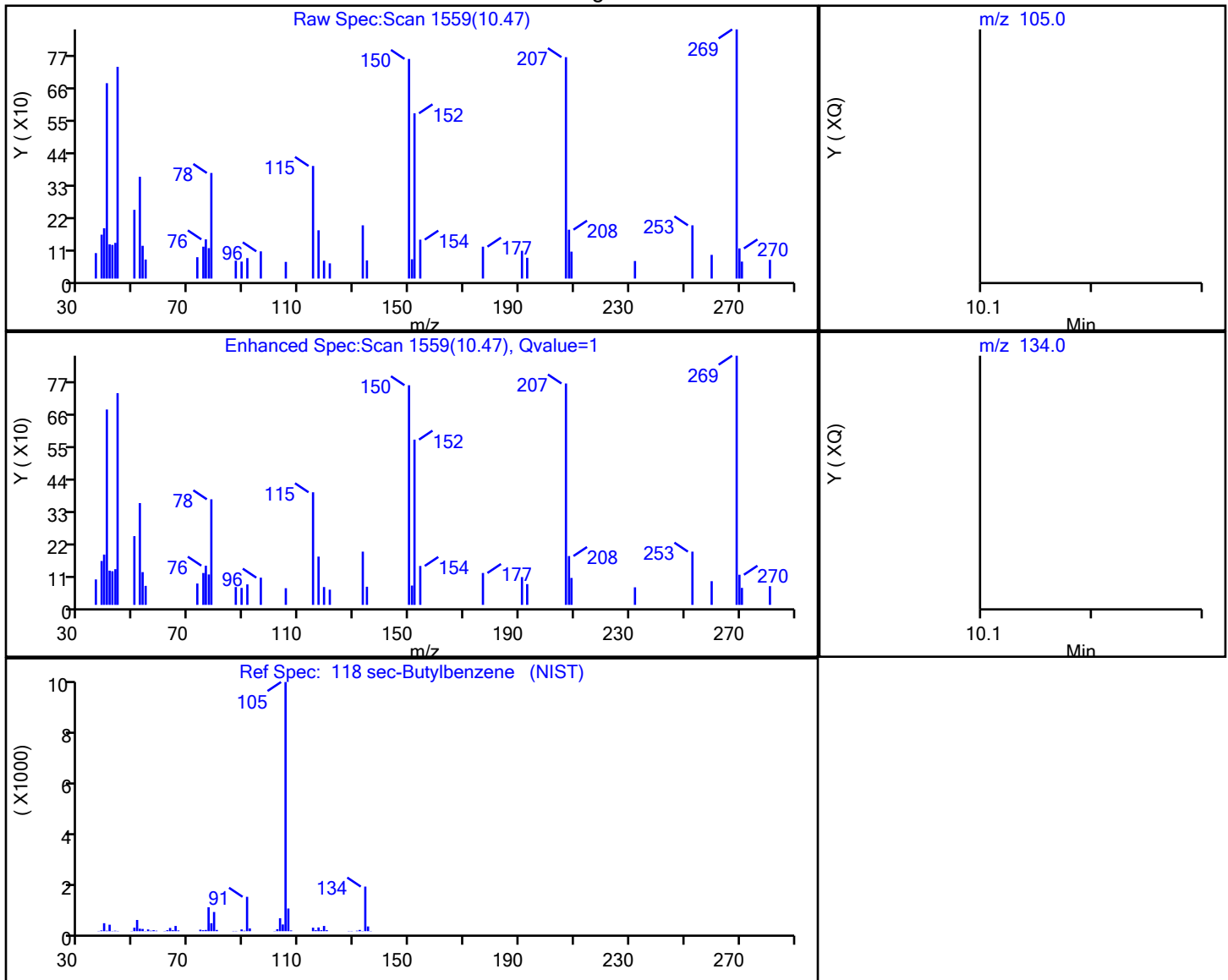
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 118 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



RT	Mass	Response	Amount
10.47	105.00	21	0.001516
10.47	134.00	23	

Reviewer: desais, 12-Oct-2021 09:27:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

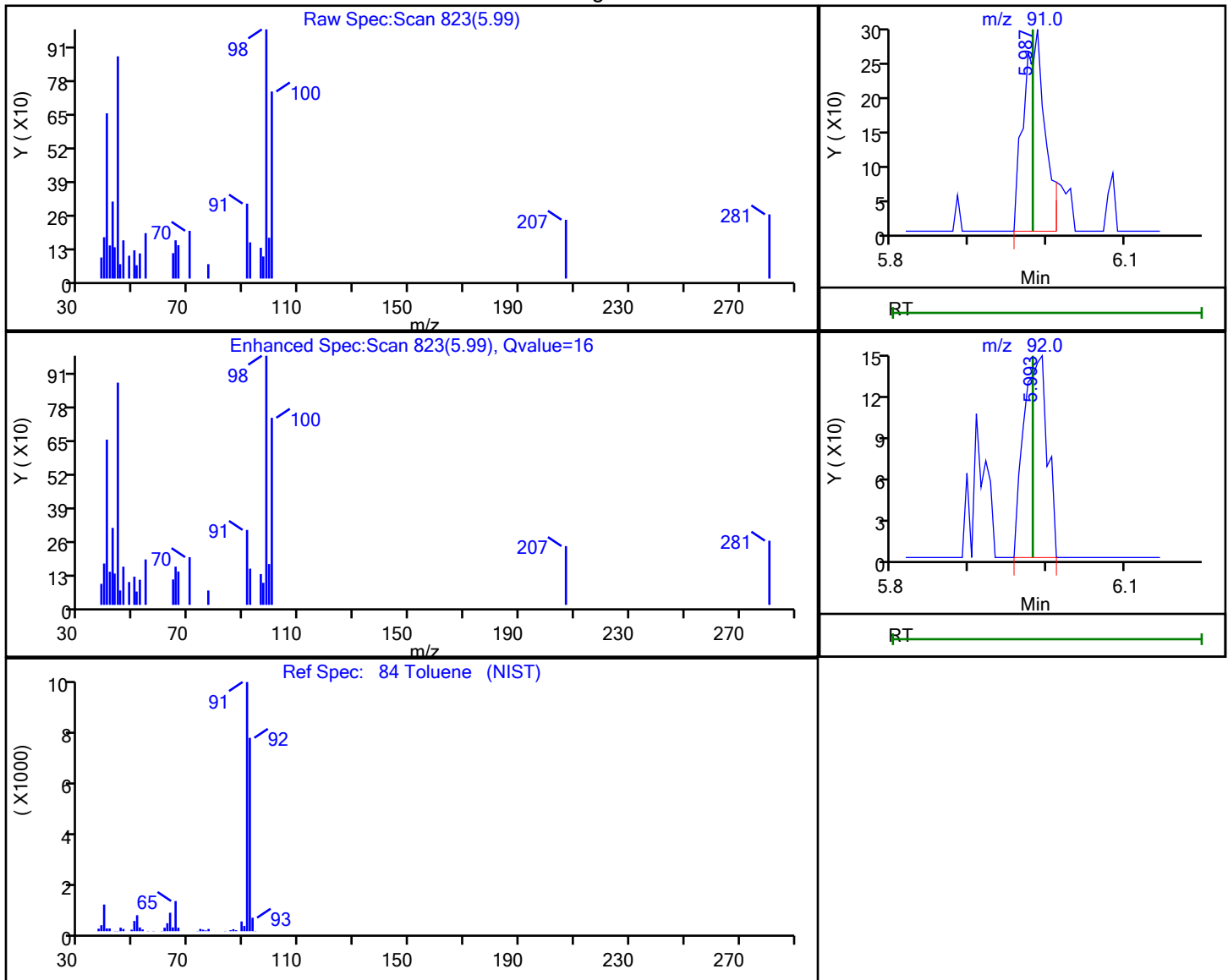
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 84 Toluene, CAS: 108-88-3

## Processing Results



RT	Mass	Response	Amount
5.99	91.00	555	0.040373
5.99	92.00	307	

Reviewer: desais, 12-Oct-2021 09:26:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

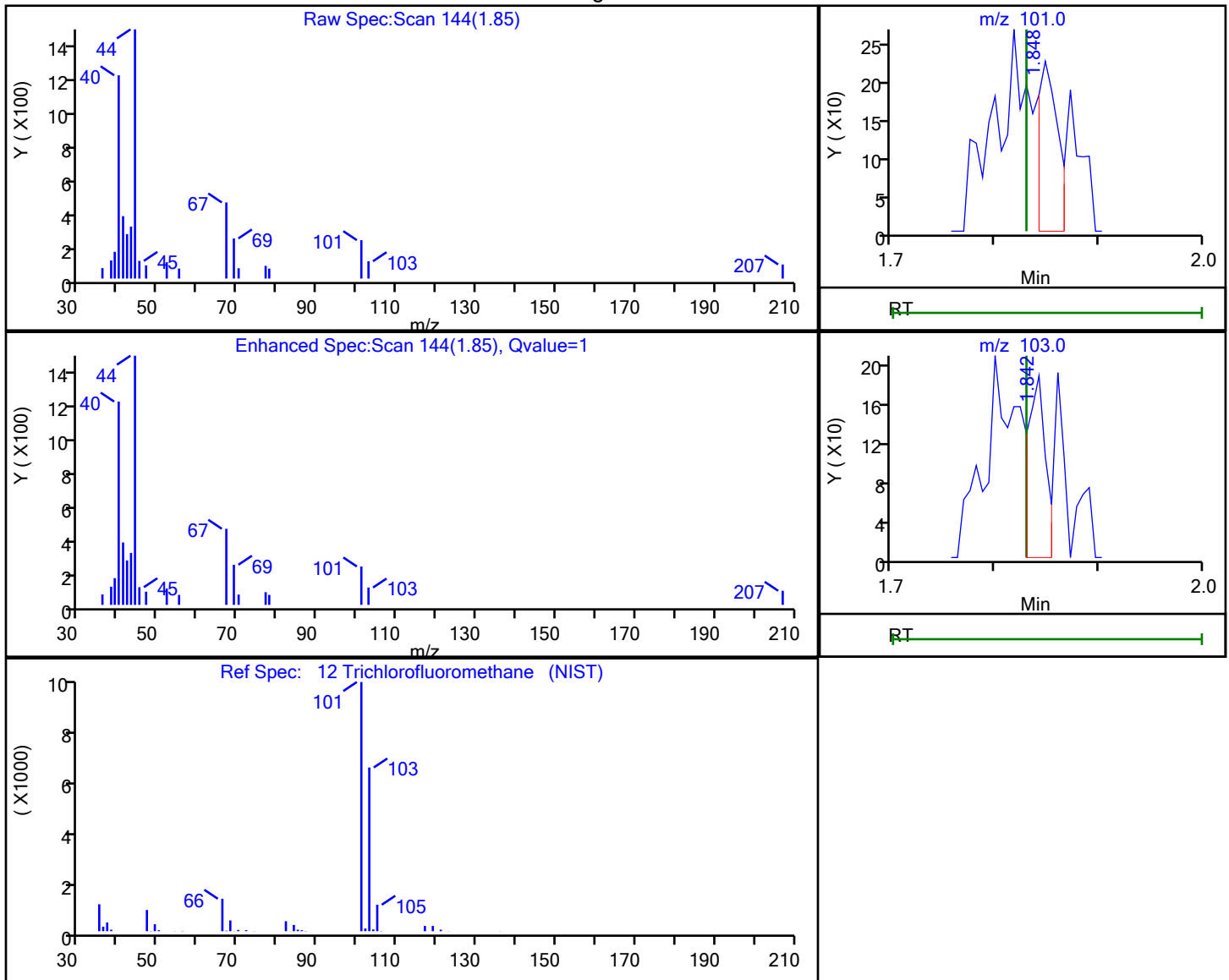
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 12 Trichlorofluoromethane, CAS: 75-69-4

## Processing Results



RT	Mass	Response	Amount
1.85	101.00	297	0.062318
1.84	103.00	223	

Reviewer: desais, 12-Oct-2021 09:26:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45700.D

Injection Date: 12-Oct-2021 07:09:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

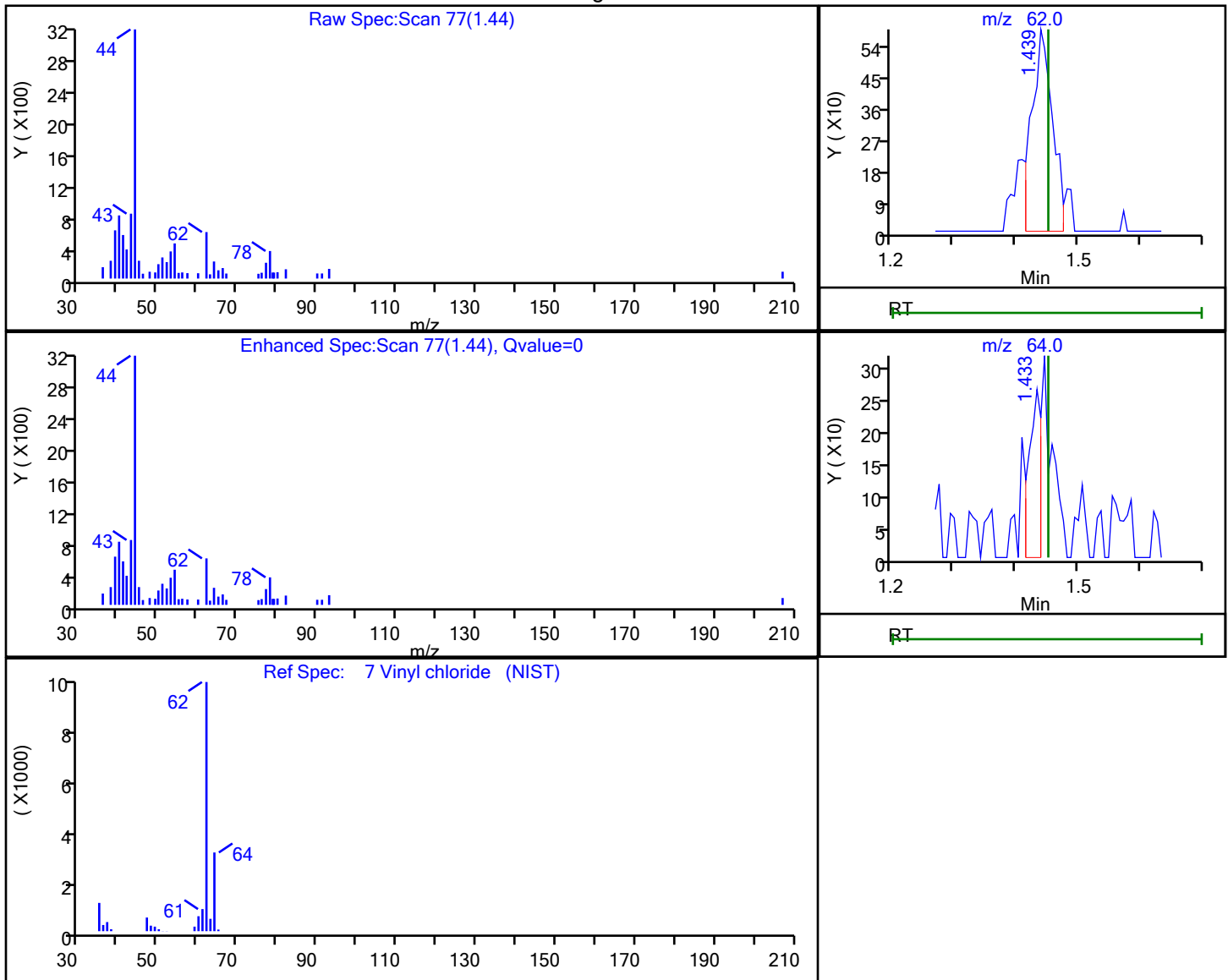
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



RT	Mass	Response	Amount
1.44	62.00	1364	0.236794
1.43	64.00	351	

Reviewer: desais, 12-Oct-2021 09:26:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D  
 Lims ID: STD5  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 12-Oct-2021 08:11:30 ALS Bottle#: 5 Worklist Smp#: 6  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD5  
 Misc. Info.: 460-0135876-006  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:01:28 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 09:13:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.165	0.000	64	1044	5.00	3.71	a
3 Chlorotrifluoroethene	116	1.220	1.226	-0.006	89	4905	5.00	4.84	
2 1,1-Difluoroethane	65	1.238	1.244	-0.006	94	12191	5.00	4.98	
4 Dichlorodifluoromethane	85	1.257	1.263	-0.006	44	17029	5.00	4.80	
5 Chlorodifluoromethane	67	1.263	1.287	-0.024	98	4464	5.00	4.96	
6 Chloromethane	50	1.391	1.397	-0.006	98	36493	5.00	4.84	
8 Butadiene	54	1.433	1.439	-0.006	92	22103	5.00	4.76	
7 Vinyl chloride	62	1.439	1.452	-0.013	98	25722	5.00	4.57	
9 Bromomethane	94	1.659	1.665	-0.006	98	16800	5.00	5.07	
10 Chloroethane	64	1.696	1.695	0.001	99	16422	5.00	5.18	
12 Trichlorofluoromethane	101	1.842	1.830	0.012	95	20350	5.00	4.86	
11 Dichlorofluoromethane	67	1.830	1.836	-0.006	85	35222	5.00	4.74	
13 Pentane	72	1.836	1.842	-0.006	98	5287	10.0	9.38	
14 Ethanol	46	1.994	1.988	0.006	85	5598	200.0	209.3	M
15 Ethyl ether	74	1.988	1.988	0.000	88	10620	5.00	5.09	
16 2-Methyl-1,3-butadiene	53	2.000	2.006	-0.006	95	18580	5.00	5.14	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.031	2.049	-0.018	91	13840	5.00	5.20	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.074	2.092	-0.018	95	24852	5.00	5.02	a
19 Acrolein	56	2.116	2.122	-0.006	98	14633	20.3	20.3	
21 1,1-Dichloroethene	96	2.153	2.153	0.000	94	15024	5.00	5.09	
20 112TCTFE	101	2.159	2.153	0.006	40	13459	5.00	5.16	a
22 Acetone	43	2.220	2.220	0.000	85	36027	25.0	27.6	
23 Iodomethane	142	2.281	2.281	0.000	99	23380	5.00	4.84	
24 Carbon disulfide	76	2.305	2.305	0.000	100	64929	5.00	4.82	
25 Isopropyl alcohol	45	2.299	2.311	-0.012	37	12957	50.0	45.6	a
26 3-Chloro-1-propene	76	2.397	2.403	-0.006	89	13523	5.00	5.07	
27 Methyl acetate	43	2.415	2.415	0.000	78	34228	10.0	10.1	
28 Cyclopentene	67	2.415	2.415	0.000	83	44238	5.00	5.05	
29 Acetonitrile	41	2.464	2.464	0.000	96	21533	50.0	48.6	Ma
30 Methylene Chloride	84	2.500	2.512	-0.012	96	19977	5.00	5.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.512	2.519	-0.006	98	41929	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.561	2.573	-0.012	91	20844	50.0	52.0	a
33 Methyl tert-butyl ether	73	2.640	2.647	-0.007	93	49542	5.00	4.92	
34 trans-1,2-Dichloroethene	96	2.653	2.659	-0.006	97	16885	5.00	5.07	
35 Acrylonitrile	53	2.720	2.720	0.000	94	82247	50.0	49.5	
36 Hexane	57	2.781	2.787	-0.006	94	27729	5.00	5.42	
37 Isopropyl ether	45	2.970	2.976	-0.006	86	80017	5.00	4.92	
38 1,1-Dichloroethane	63	2.982	2.988	-0.006	99	39068	5.00	5.21	
39 Vinyl acetate	86	3.000	3.000	0.000	100	6063	10.0	10.0	
40 2-Chloro-1,3-butadiene	88	3.018	3.025	-0.006	94	14399	5.00	4.88	
41 Tert-butyl ethyl ether	59	3.238	3.244	-0.006	87	58903	5.00	4.74	
* 42 2-Butanone-d5	46	3.403	3.409	-0.006	100	346639	250.0	250.0	
43 2,2-Dichloropropane	97	3.415	3.421	-0.006	49	5699	5.00	5.46	
44 cis-1,2-Dichloroethene	96	3.433	3.433	0.000	89	18711	5.00	5.02	
45 2-Butanone (MEK)	72	3.445	3.451	-0.006	94	7698	25.0	22.9	a
46 Ethyl acetate	70	3.451	3.463	-0.012	94	3216	10.0	10.3	
47 Methyl acrylate	55	3.494	3.500	-0.006	97	15258	5.00	4.57	a
48 Propionitrile	54	3.585	3.573	0.012	94	15186	50.0	32.9	
49 Chlorobromomethane	128	3.622	3.628	-0.006	90	8106	5.00	4.92	
50 Tetrahydrofuran	72	3.652	3.640	0.012	29	4017	10.0	9.91	
51 Methacrylonitrile	67	3.652	3.652	0.000	97	60015	50.0	44.1	
52 Chloroform	83	3.677	3.677	0.000	96	31061	5.00	5.34	
53 Cyclohexane	84	3.793	3.787	0.006	97	23277	5.00	5.21	
54 1,1,1-Trichloroethane	97	3.805	3.805	0.000	78	23554	5.00	5.25	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	95	116940	50.0	51.5	
56 Carbon tetrachloride	117	3.902	3.908	-0.006	94	18671	5.00	5.22	
57 1,1-Dichloropropene	75	3.927	3.927	0.000	90	23995	5.00	5.07	
59 Isooctane	57	4.079	4.091	-0.012	98	63823	5.00	4.87	
58 Isobutyl alcohol	43	4.085	4.097	-0.012	39	12629	125.0	100.4	a
60 Benzene	78	4.104	4.104	0.000	96	70732	5.00	5.50	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	94	165819	50.0	51.2	
62 Tert-amyl methyl ether	73	4.183	4.183	0.000	80	51088	5.00	4.52	
64 1,2-Dichloroethane	62	4.189	4.189	0.000	92	24577	5.00	5.13	
63 Isopropyl acetate	61	4.189	4.189	0.000	92	8445	5.00	4.49	
65 n-Heptane	100	4.256	4.262	-0.006	96	3473	5.00	5.07	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	453540	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	95	15346	5.00	4.84	
69 Methylcyclohexane	83	4.799	4.805	-0.006	87	25068	5.00	4.87	
70 Ethyl acrylate	99	4.792	4.841	-0.049	85	1134	5.00	2.95	M
71 1,2-Dichloropropane	63	4.951	4.951	0.000	90	19940	5.00	4.95	
73 Methyl methacrylate	100	5.061	5.055	0.006	94	5382	10.0	8.63	
* 72 1,4-Dioxane-d8	96	5.061	5.055	0.006	54	18229	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	94	10030	5.00	4.96	
75 1,4-Dioxane	88	5.085	5.097	-0.012	30	2432	100.0	89.1	M
76 n-Propyl acetate	43	5.128	5.122	0.006	89	13492	5.00	2.29	M
77 Dichlorobromomethane	83	5.219	5.219	0.000	96	21124	5.00	4.90	
78 2-Nitropropane	41	5.542	5.542	0.000	91	10211	10.0	9.21	
79 2-Chloroethyl vinyl ether	63	5.561	5.554	0.007	84	9224	5.01	4.27	
80 Epichlorohydrin	57	5.676	5.658	0.018	45	17598	100.0	54.5	M
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	98	25029	5.00	4.85	
82 4-Methyl-2-pentanone (MIBK)	58	5.872	5.865	0.007	97	25591	25.0	18.6	Ma
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	97	426187	50.0	53.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.981	5.981	0.000	93	63315	5.00	5.25	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	95	22219	5.00	4.86	
86 Ethyl methacrylate	69	6.402	6.390	0.012	95	17144	5.00	4.50	
87 1,1,2-Trichloroethane	83	6.530	6.536	-0.006	91	11823	5.00	5.09	
88 Tetrachloroethene	166	6.554	6.554	0.000	92	12372	5.00	5.07	
89 1,3-Dichloropropane	76	6.731	6.725	0.006	96	23264	5.00	4.89	
90 2-Hexanone	43	6.859	6.829	0.030	98	24409	25.0	9.90	
92 Chlorodibromomethane	129	6.945	6.944	0.001	93	12215	5.00	4.98	
91 n-Butyl acetate	43	6.981	6.963	0.018	32	21187	5.00	3.22	Ma
93 Ethylene Dibromide	107	7.079	7.079	0.000	98	11379	5.00	4.76	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	92	305211	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	90	37867	5.00	5.13	
96 Ethylbenzene	106	7.761	7.761	0.000	99	18895	5.00	4.92	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.774	0.000	93	13591	5.00	5.23	
98 m-Xylene & p-Xylene	106	7.914	7.920	-0.006	98	22716	5.00	4.89	
99 o-Xylene	106	8.420	8.420	0.000	92	22577	5.00	4.68	
101 Styrene	104	8.463	8.462	0.000	93	34789	5.00	4.61	
100 n-Butyl acrylate	73	8.487	8.469	0.018	93	6050	5.00	2.36	
102 Bromoform	173	8.712	8.712	0.000	92	7680	5.00	4.79	
103 Amyl acetate (mixed isomers)	43	8.792	8.779	0.013	87	13630	5.00	1.57	
104 Isopropylbenzene	105	8.895	8.895	0.000	98	60729	5.00	4.86	
\$ 105 4-Bromofluorobenzene	174	9.145	9.145	0.000	0	109659	50.0	50.5	
106 Bromobenzene	156	9.298	9.298	0.000	90	13893	5.00	4.46	
107 1,1,2,2-Tetrachloroethane	83	9.407	9.407	0.000	98	19283	5.00	4.64	
108 N-Propylbenzene	91	9.420	9.426	-0.006	98	77220	5.00	4.54	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	94	4504	5.00	4.91	
110 trans-1,4-Dichloro-2-butene	53	9.487	9.493	-0.006	76	4631	5.00	4.13	
111 2-Chlorotoluene	91	9.529	9.529	0.000	97	49117	5.00	4.57	
112 4-Ethyltoluene	105	9.566	9.566	0.000	98	57540	5.00	4.59	
113 1,3,5-Trimethylbenzene	105	9.651	9.651	0.000	92	49632	5.00	4.52	
114 4-Chlorotoluene	91	9.670	9.670	0.000	99	52973	5.00	4.78	
115 Butyl Methacrylate	87	9.816	9.816	0.000	94	13444	5.00	2.96	
116 tert-Butylbenzene	119	9.987	9.987	0.000	89	37610	5.00	4.29	
117 1,2,4-Trimethylbenzene	105	10.060	10.054	0.006	99	51181	5.00	4.55	
118 sec-Butylbenzene	105	10.218	10.218	0.000	98	64800	5.00	4.44	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	92	26900	5.00	4.58	
120 4-Isopropyltoluene	119	10.377	10.377	0.000	96	50152	5.00	4.33	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.425	0.001	98	157667	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.444	10.444	0.000	93	28443	5.00	4.79	
123 1,2,3-Trimethylbenzene	105	10.480	10.480	0.000	99	54624	5.00	4.56	
124 Benzyl chloride	91	10.602	10.602	0.000	97	26783	5.00	4.28	
125 2,3-Dihydroindene	117	10.657	10.657	0.000	94	49490	5.00	4.48	
126 p-Diethylbenzene	119	10.749	10.749	0.000	91	27119	5.00	4.41	
127 n-Butylbenzene	92	10.773	10.773	0.000	97	32217	5.00	4.64	
128 1,2-Dichlorobenzene	146	10.797	10.797	0.000	92	26961	5.00	4.79	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	96	45378	5.00	3.90	
130 1,2-Dibromo-3-Chloropropane	157	11.523	11.517	0.006	86	2786	5.00	4.21	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	93	21709	5.00	4.47	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	93	20109	5.00	4.31	
133 Hexachlorobutadiene	225	12.248	12.248	0.000	92	8751	5.00	4.42	
134 Naphthalene	128	12.340	12.340	0.000	98	44176	5.00	4.04	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	92	17558	5.00	4.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 137 Xylenes, Total	100				0		10.0	9.57	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.71	
S 140 Total BTEX	1				0		25.0	25.2	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

ACROLEIN W_00131	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00144	Amount Added: 10.00	Units: uL	
GASES Li_00442	Amount Added: 10.00	Units: uL	
524freon_00043	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

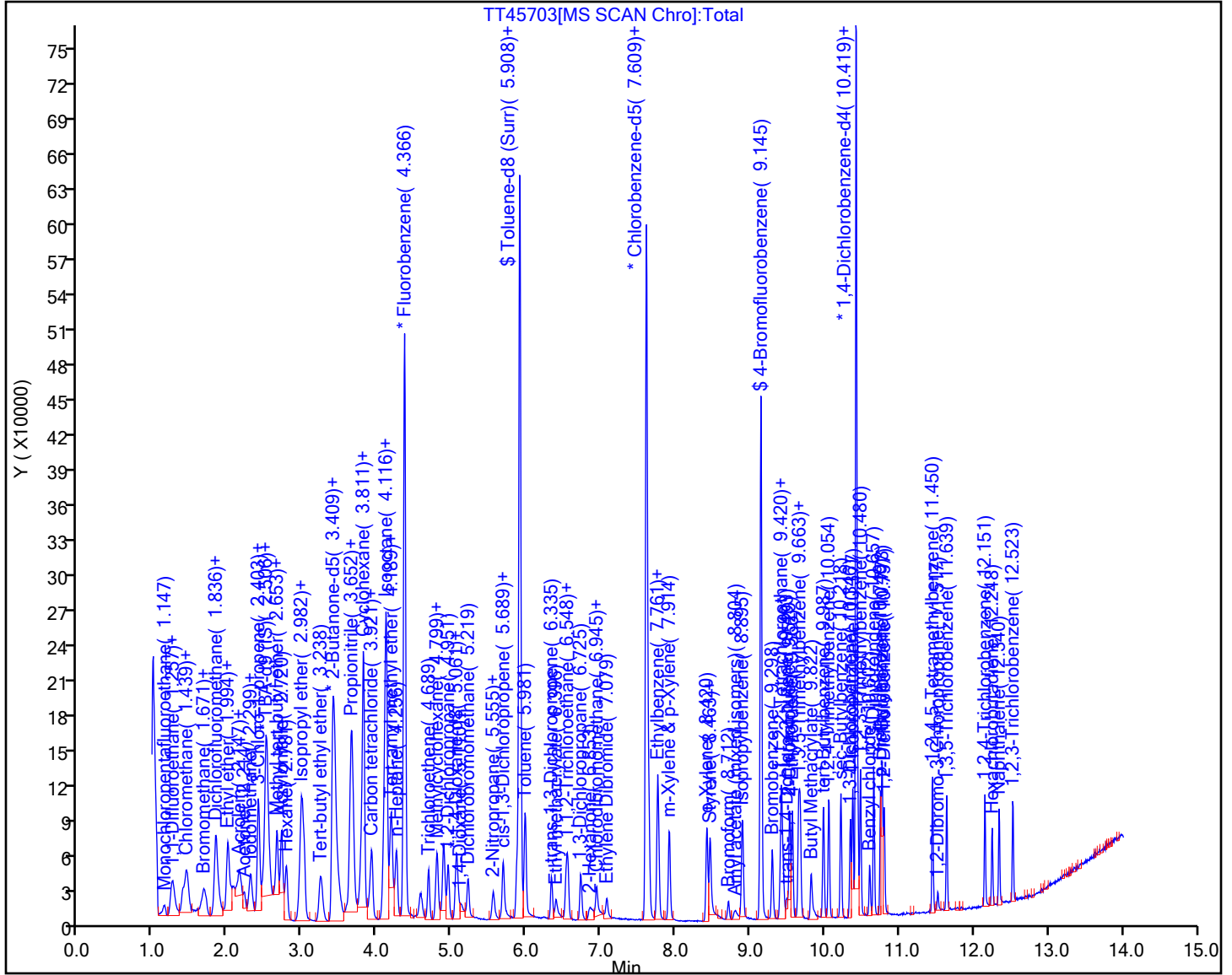
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

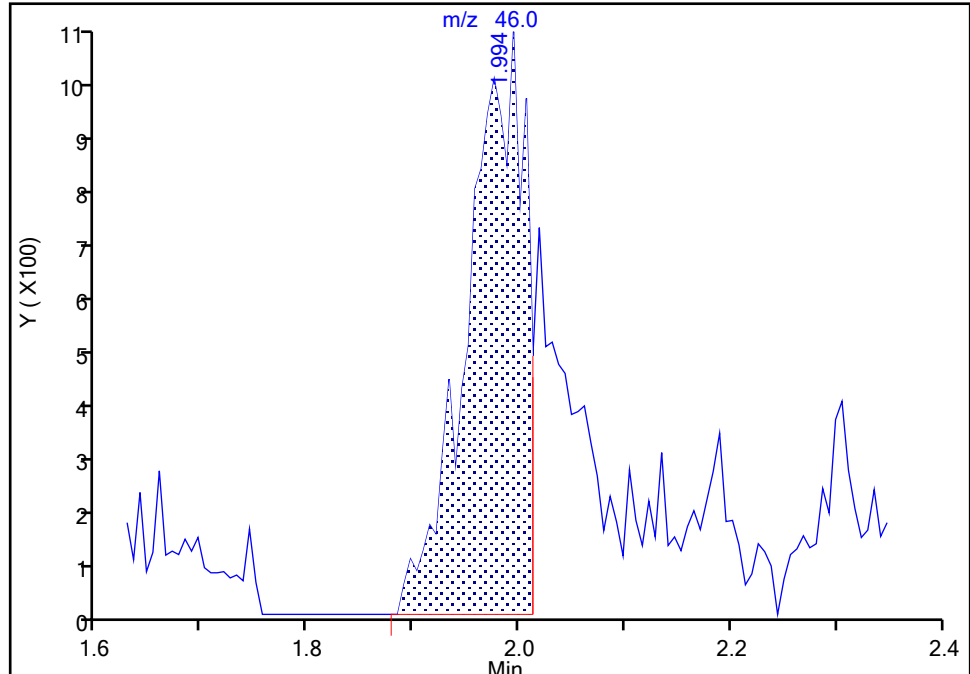
Detector: MS Quad

**14 Ethanol, CAS: 64-17-5**

Signal: 1

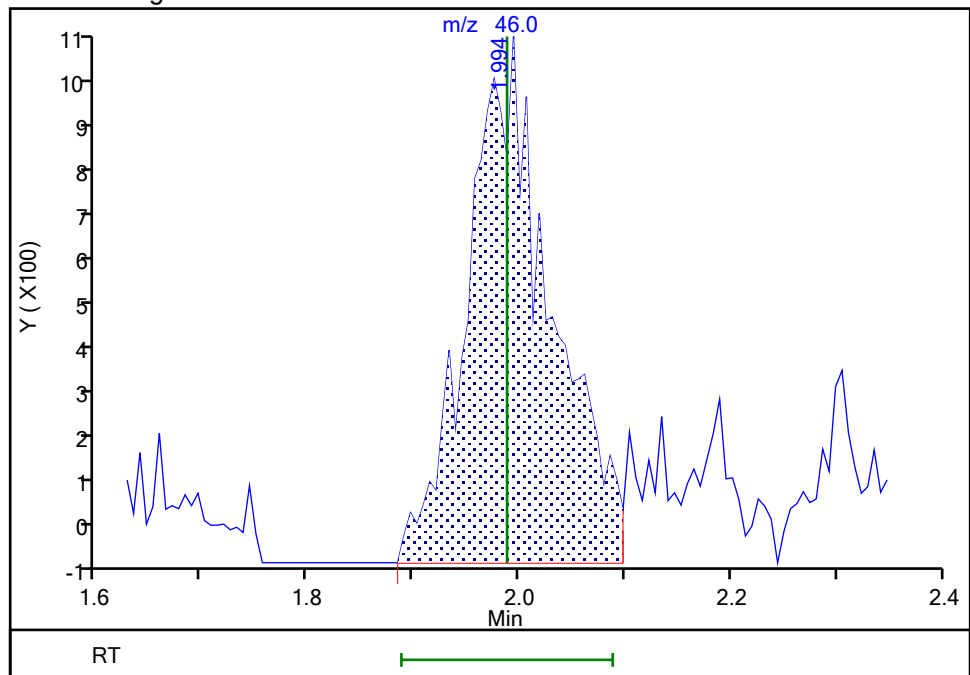
RT: 1.99  
Area: 3856  
Amount: 144.1792  
Amount Units: ug/l

## Processing Integration Results



RT: 1.99  
Area: 5598  
Amount: 209.3039  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:07:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

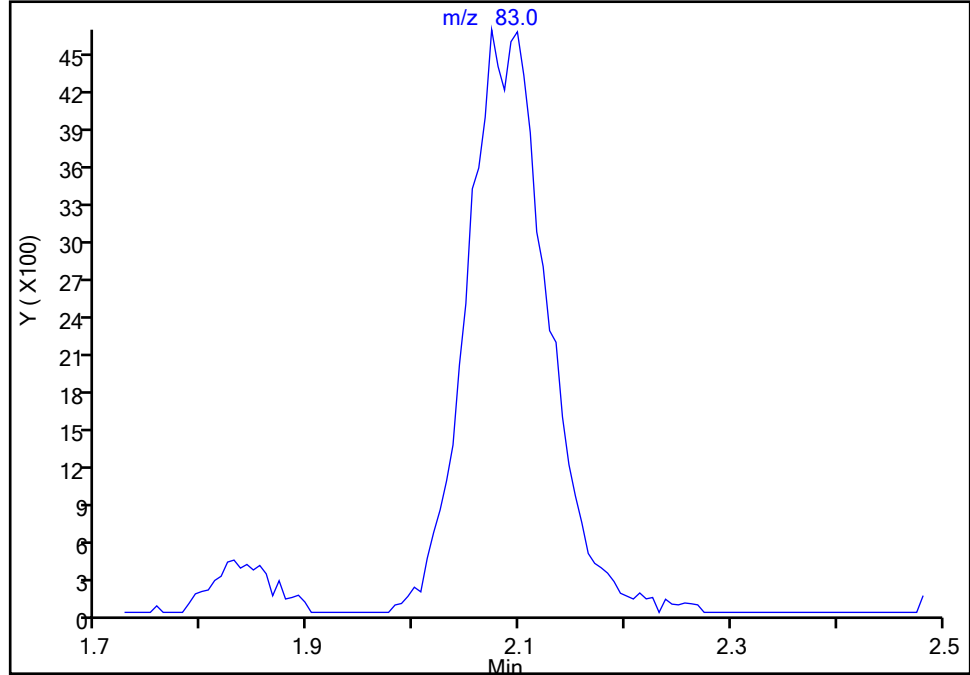
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

Expected RT: 2.09

## Processing Integration Results



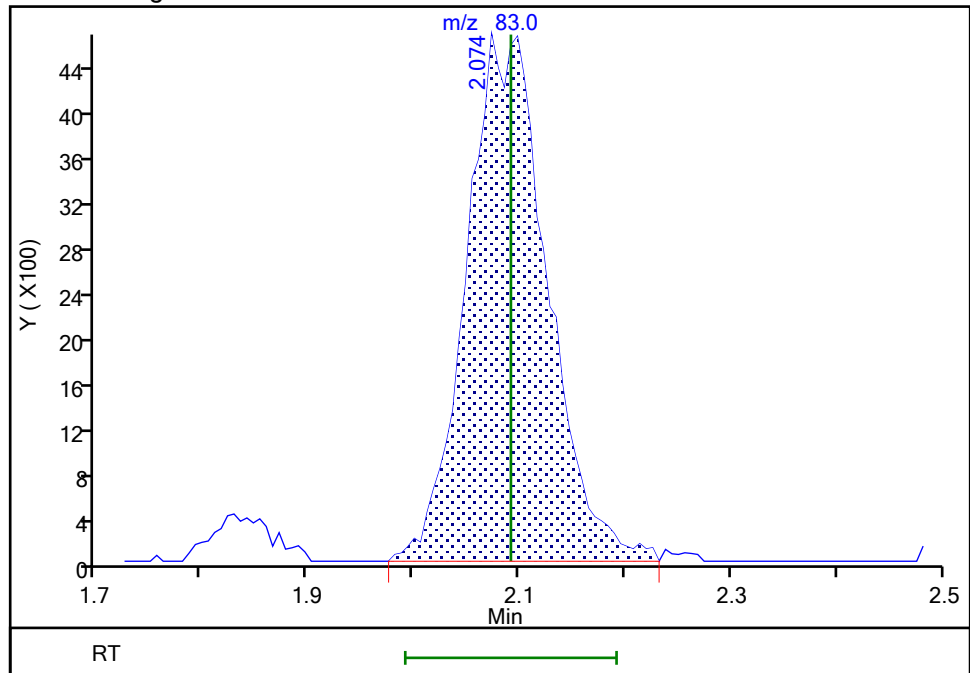
RT: 2.07

Area: 24852

Amount: 5.015170

Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:19:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

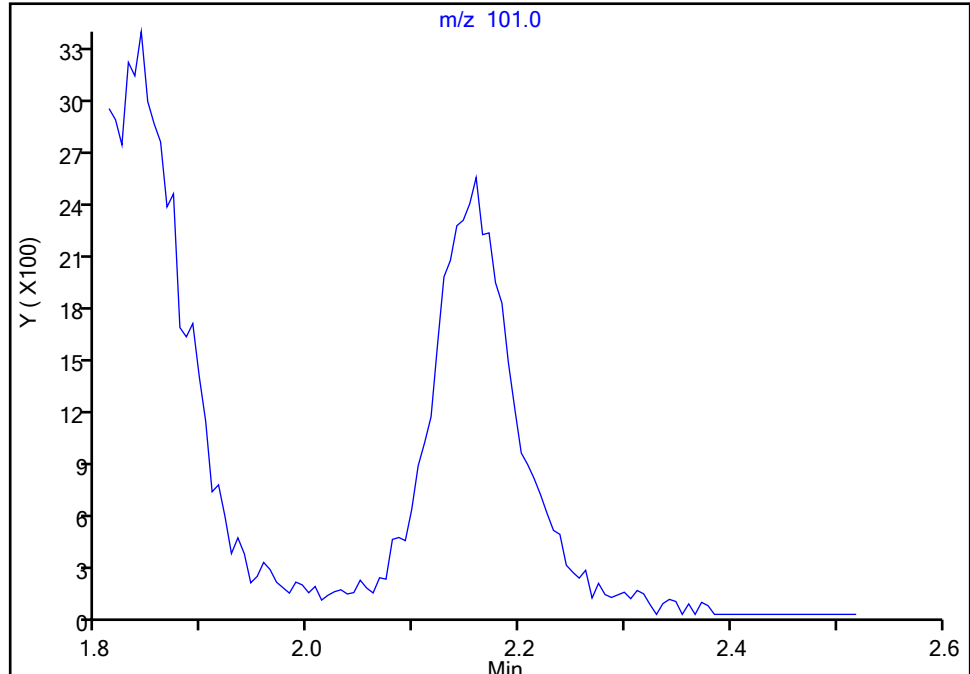
**20 112TCTFE, CAS: 76-13-1**

Signal: 1

Not Detected

Expected RT: 2.15

## Processing Integration Results



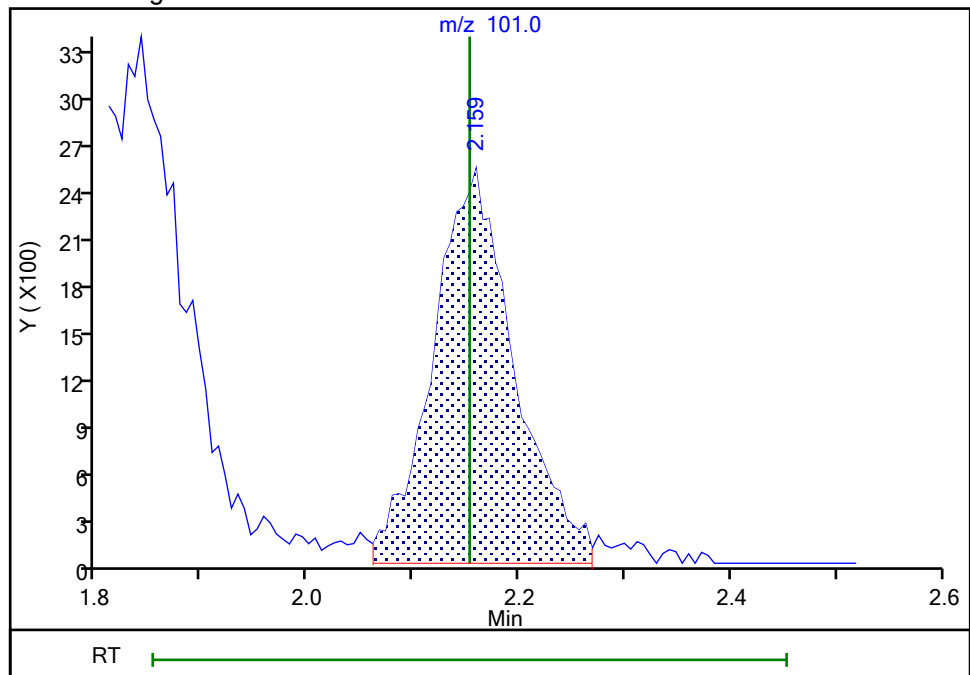
RT: 2.16

Area: 13459

Amount: 5.157859

Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:19:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

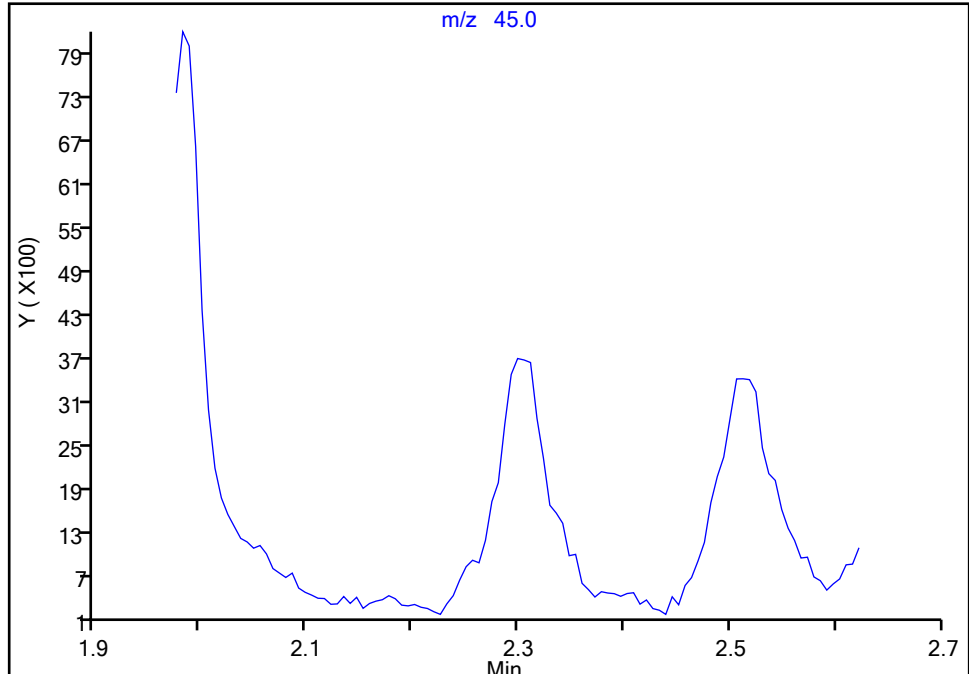
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

Not Detected

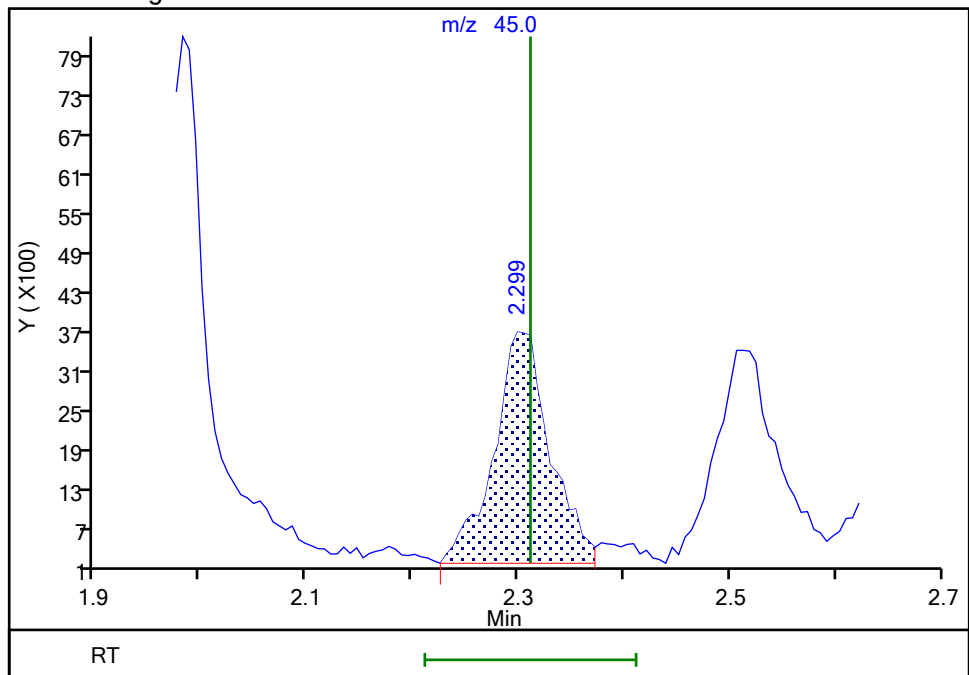
Expected RT: 2.31

## Processing Integration Results



RT: 2.30  
Area: 12957  
Amount: 45.629720  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:20:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

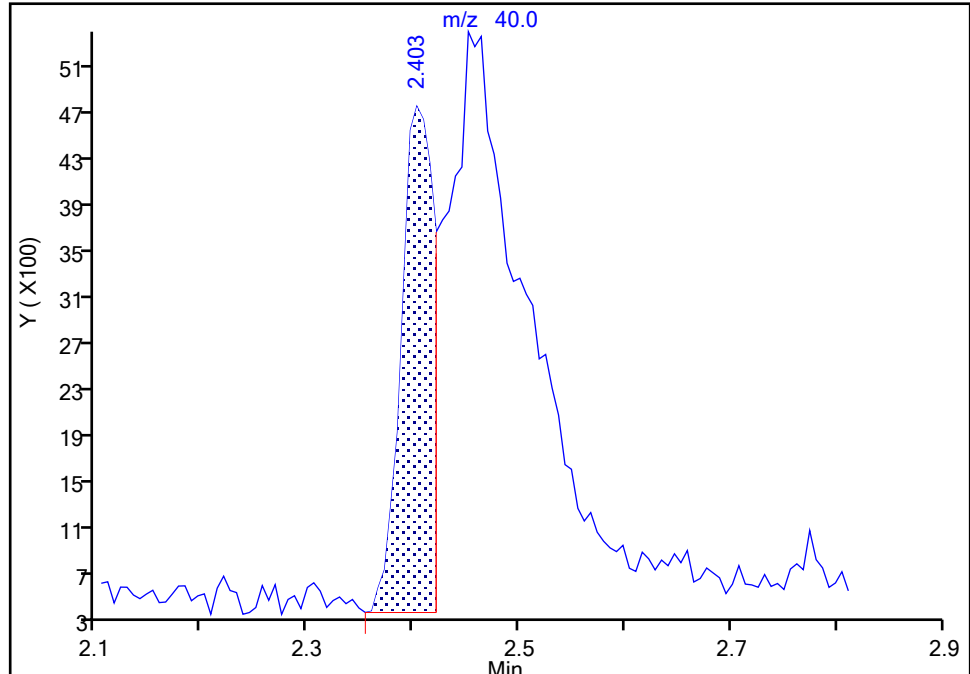
MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

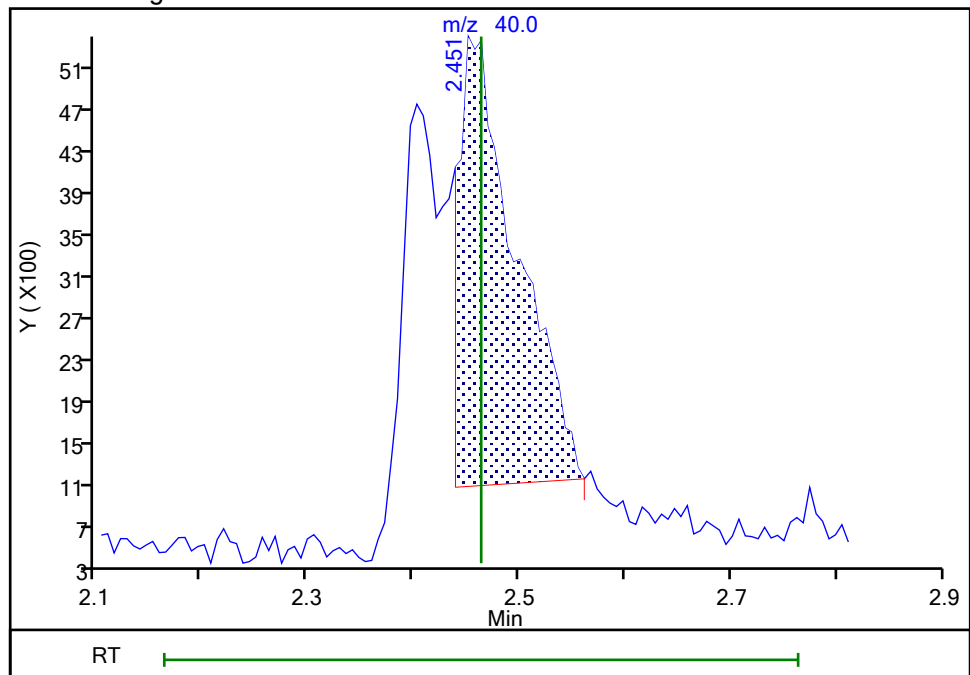
RT: 2.40  
Area: 9434  
Amount: 52.573824  
Amount Units: ug/l

## Processing Integration Results



RT: 2.45  
Area: 16318  
Amount: 48.640452  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:20:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

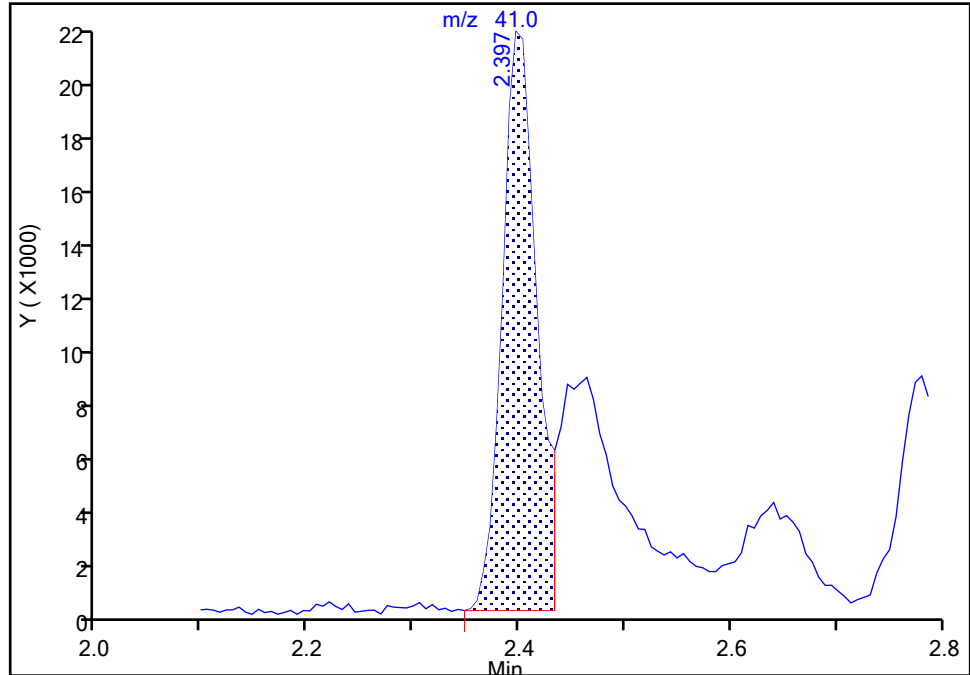
MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 2

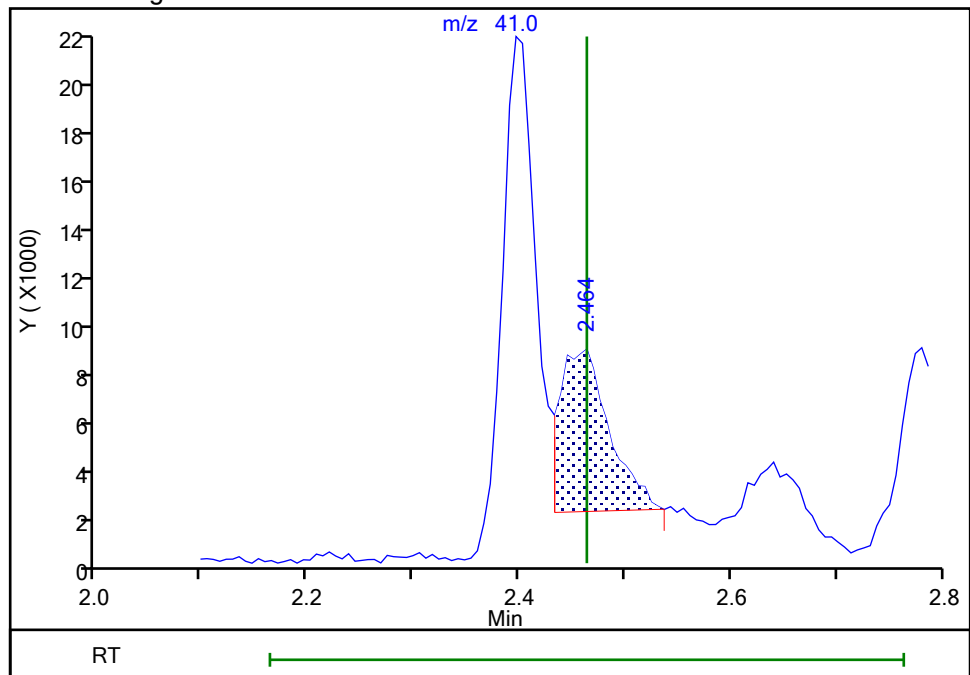
RT: 2.40  
Area: 49023  
Amount: 52.573824  
Amount Units: ug/l

## Processing Integration Results



RT: 2.46  
Area: 21533  
Amount: 48.640452  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:45:59

Audit Action: Manually Integrated

Audit Reason: Other

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

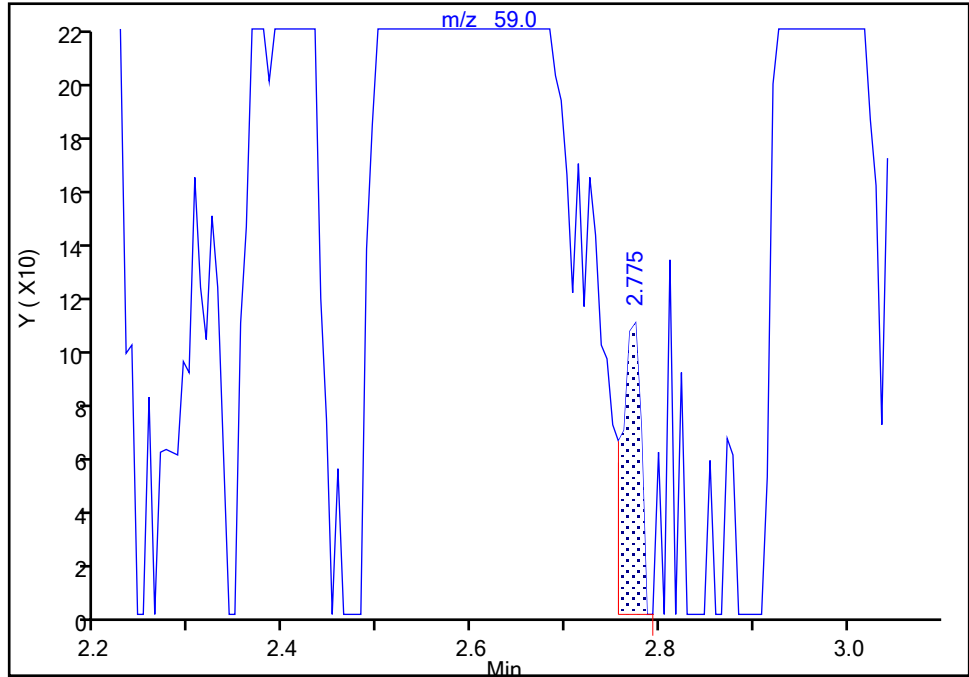
Detector: MS Quad

**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

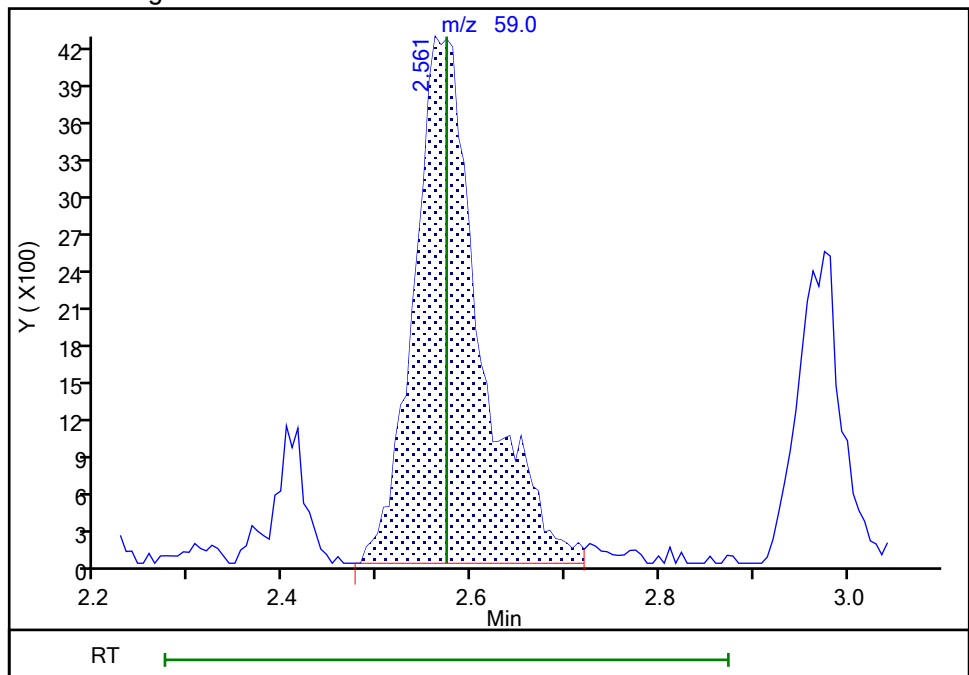
RT: 2.77  
Area: 149  
Amount: 50.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.56  
Area: 20844  
Amount: 51.993905  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:20:37

Audit Action: Assigned Compound ID

Audit Reason: Wrong peak



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

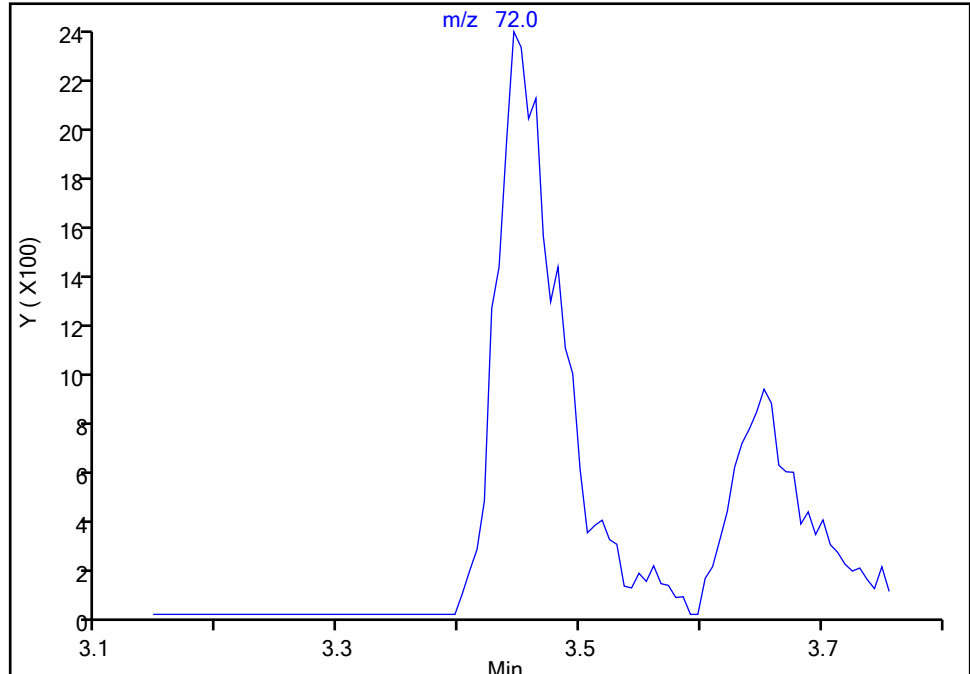
**45 2-Butanone (MEK), CAS: 78-93-3**

Signal: 1

Not Detected

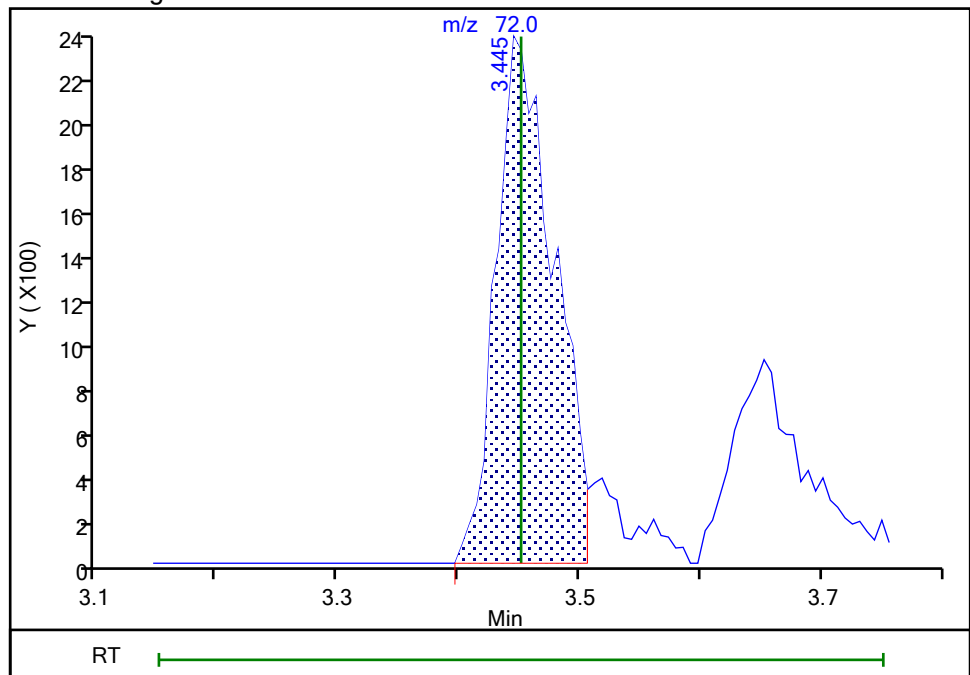
Expected RT: 3.45

## Processing Integration Results



RT: 3.45  
Area: 7698  
Amount: 22.877086  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:20:45

Audit Action: Assigned Compound ID

Audit Reason: Wrong peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

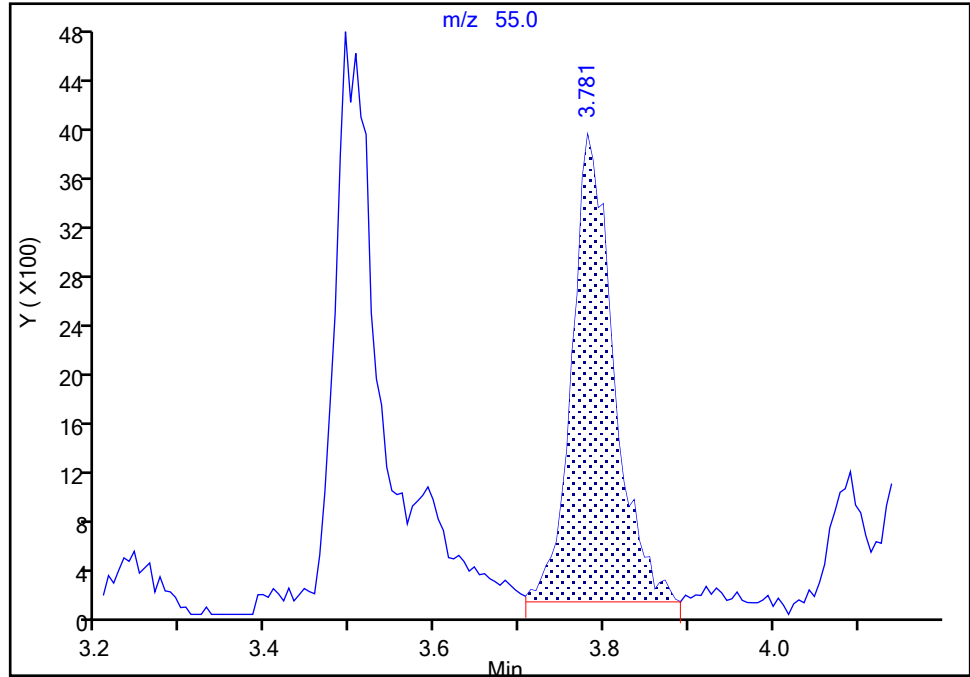
MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

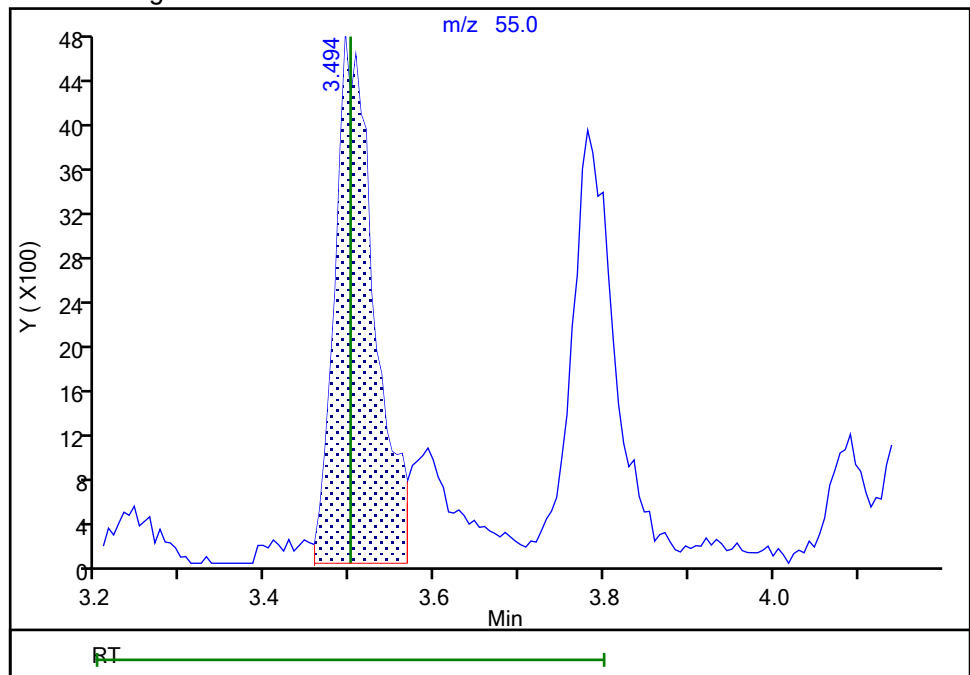
RT: 3.78  
Area: 12934  
Amount: 5.343400  
Amount Units: ug/l

## Processing Integration Results



RT: 3.49  
Area: 15258  
Amount: 4.569385  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:13:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

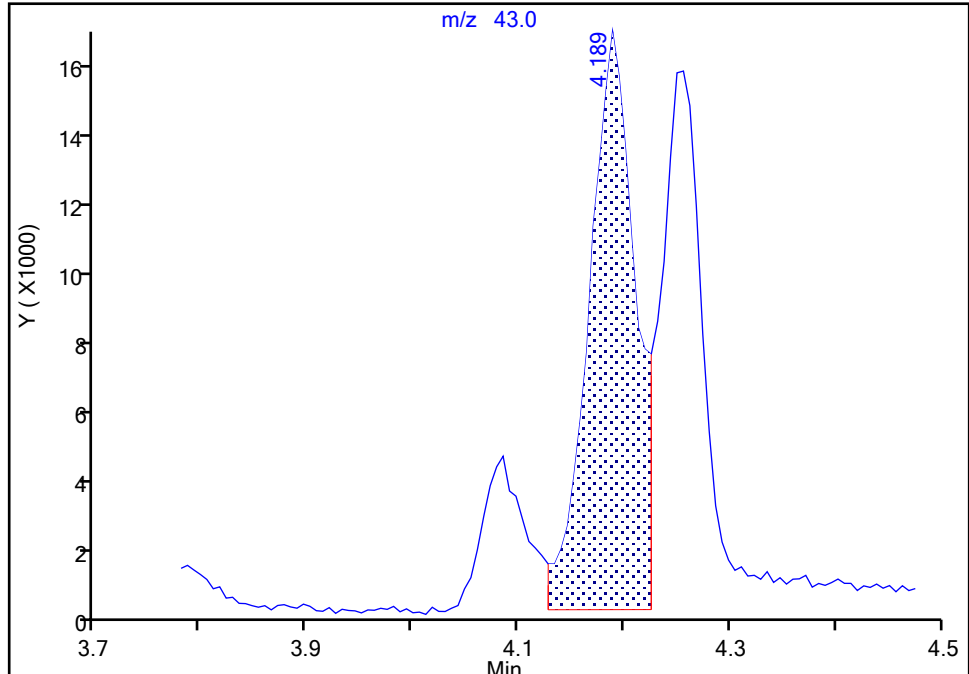
Detector: MS Quad

**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

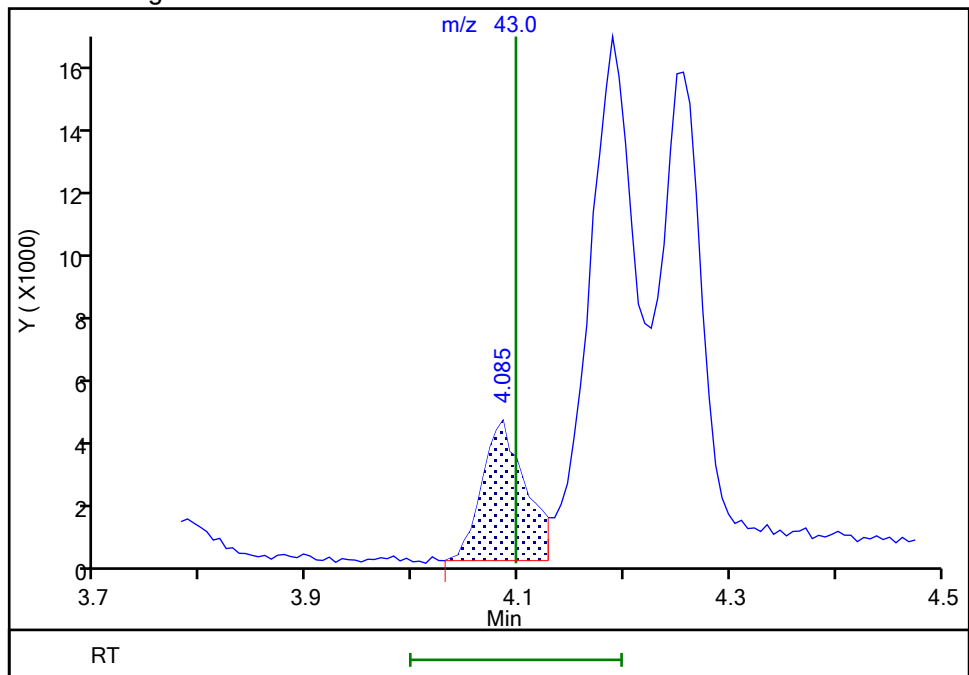
RT: 4.19  
Area: 51076  
Amount: 152.1432  
Amount Units: ug/l

## Processing Integration Results



RT: 4.09  
Area: 12629  
Amount: 100.4258  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:13:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

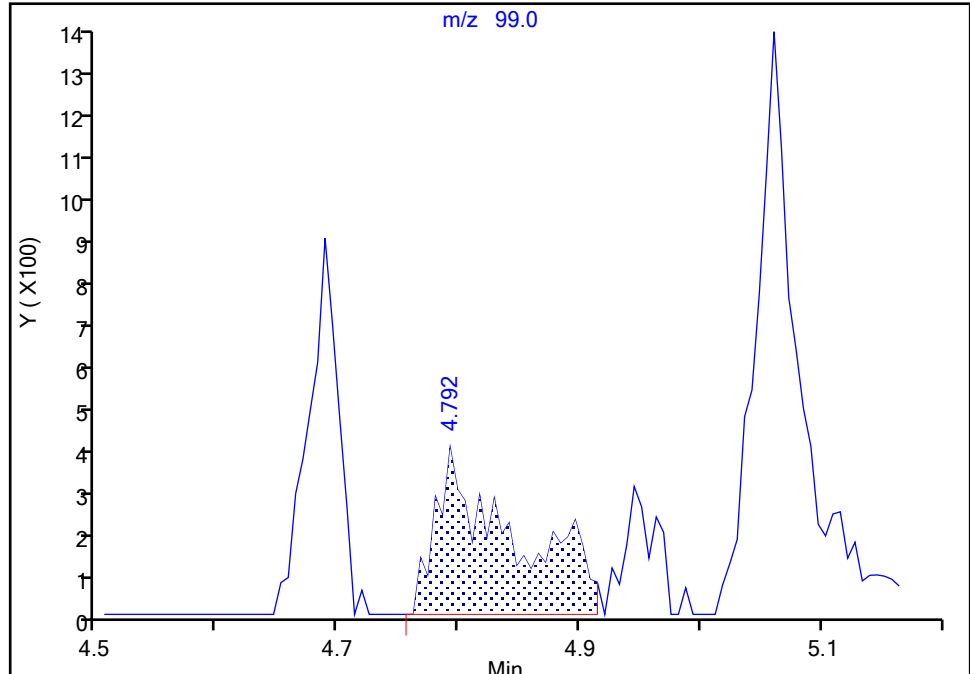
Detector: MS Quad

**70 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

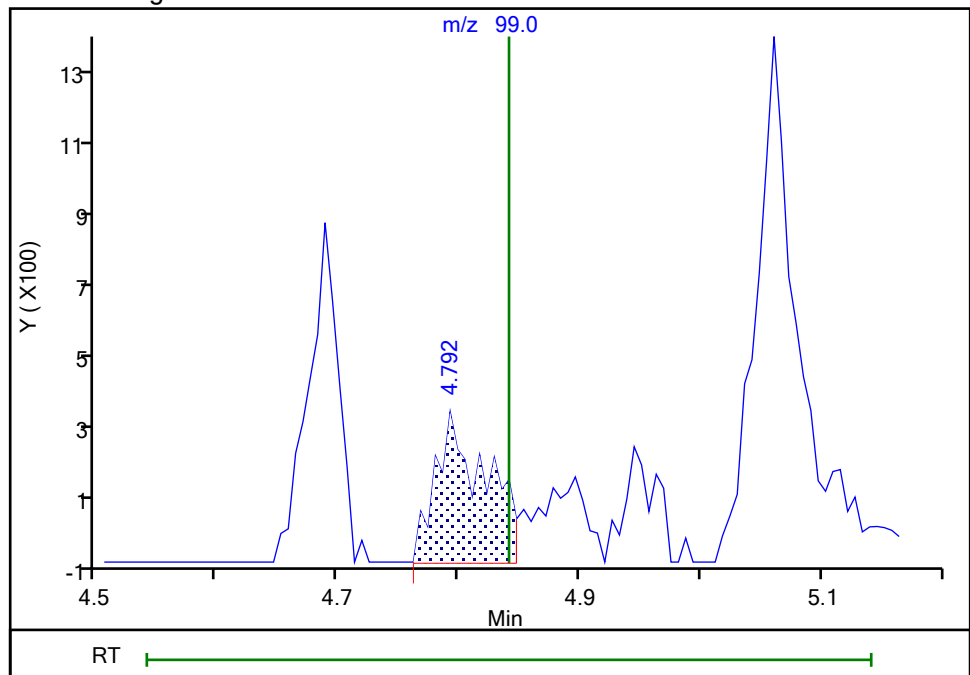
RT: 4.79  
Area: 1693  
Amount: 4.149128  
Amount Units: ug/l

## Processing Integration Results



RT: 4.79  
Area: 1134  
Amount: 2.949641  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:08:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

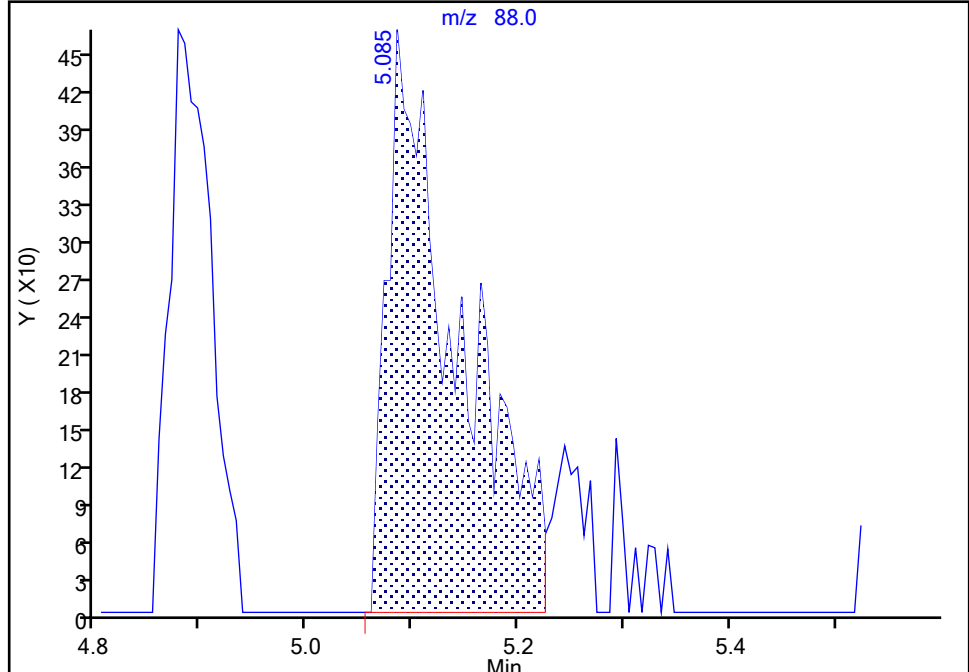
Detector: MS Quad

## 75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

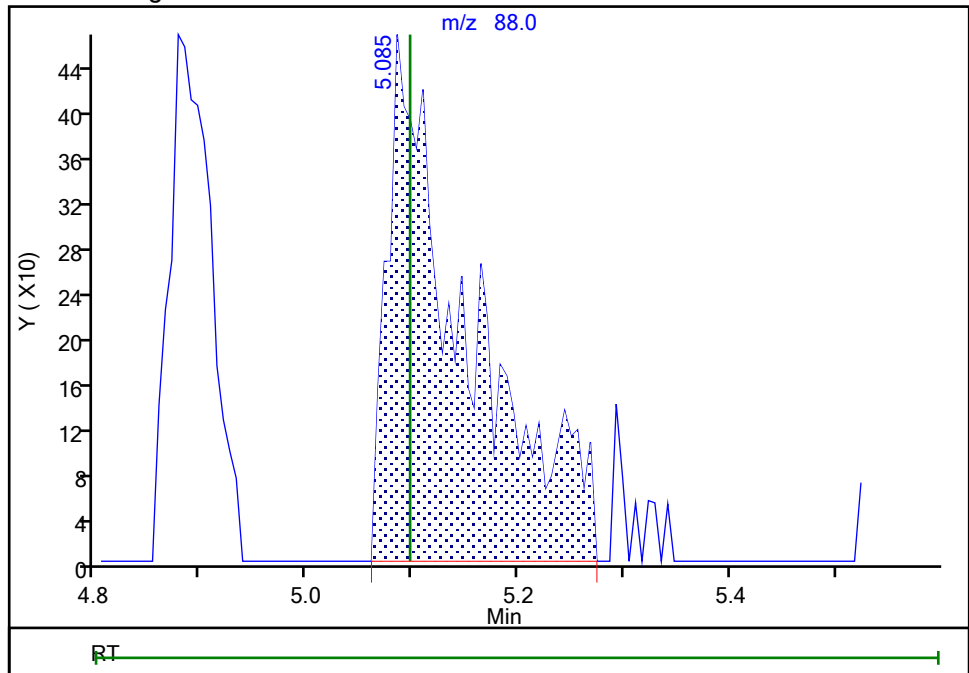
RT: 5.09  
Area: 2172  
Amount: 79.240317  
Amount Units: ug/l

## Processing Integration Results



RT: 5.09  
Area: 2432  
Amount: 89.143252  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:08:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

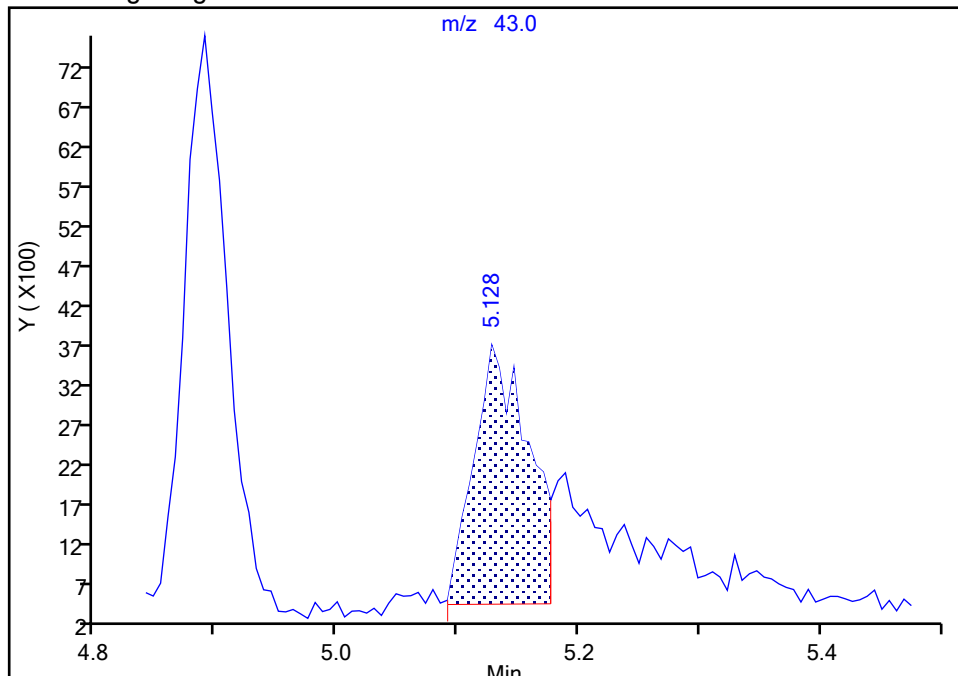
MS Quad

**76 n-Propyl acetate, CAS: 109-60-4**

Signal: 1

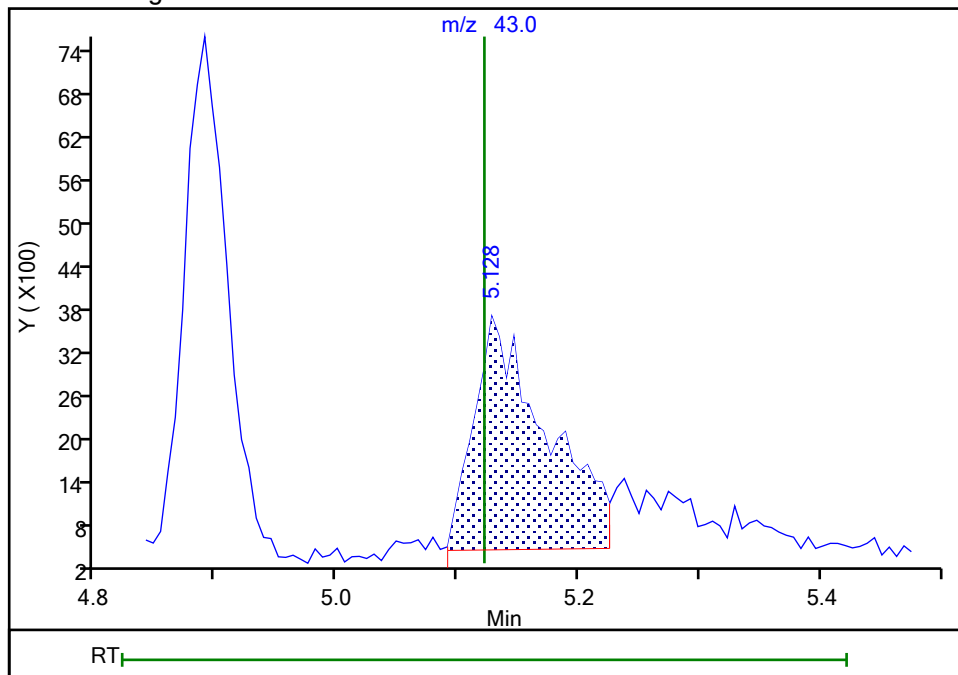
RT: 5.13  
Area: 10232  
Amount: 1.741606  
Amount Units: ug/l

## Processing Integration Results



RT: 5.13  
Area: 13492  
Amount: 2.286463  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:08:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

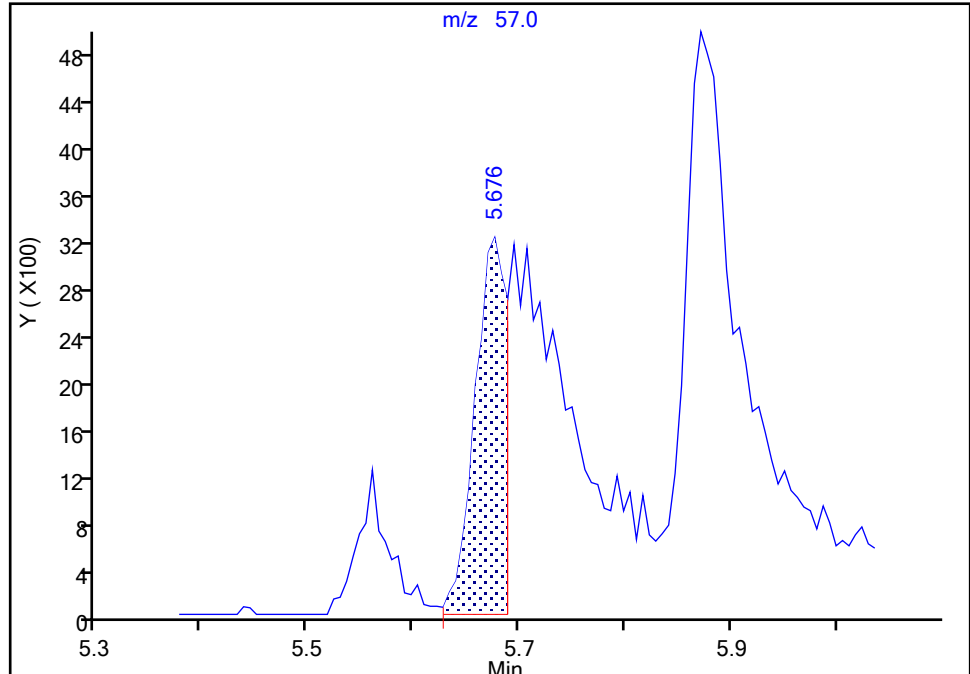
Detector: MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 1

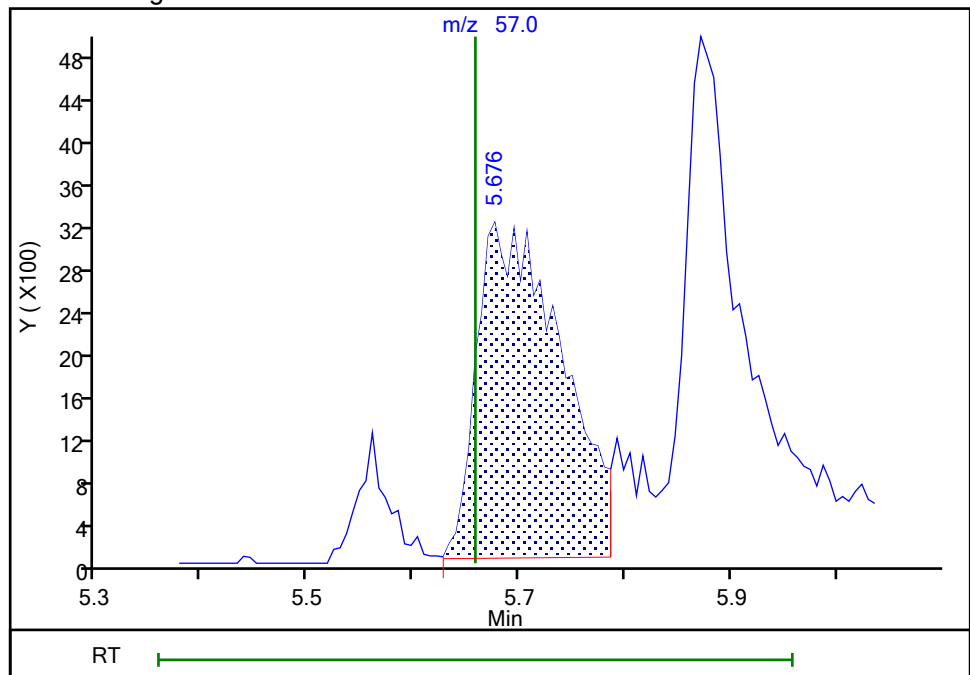
RT: 5.68  
Area: 6747  
Amount: 24.685350  
Amount Units: ug/l

## Processing Integration Results



RT: 5.68  
Area: 17598  
Amount: 54.495337  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:21:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

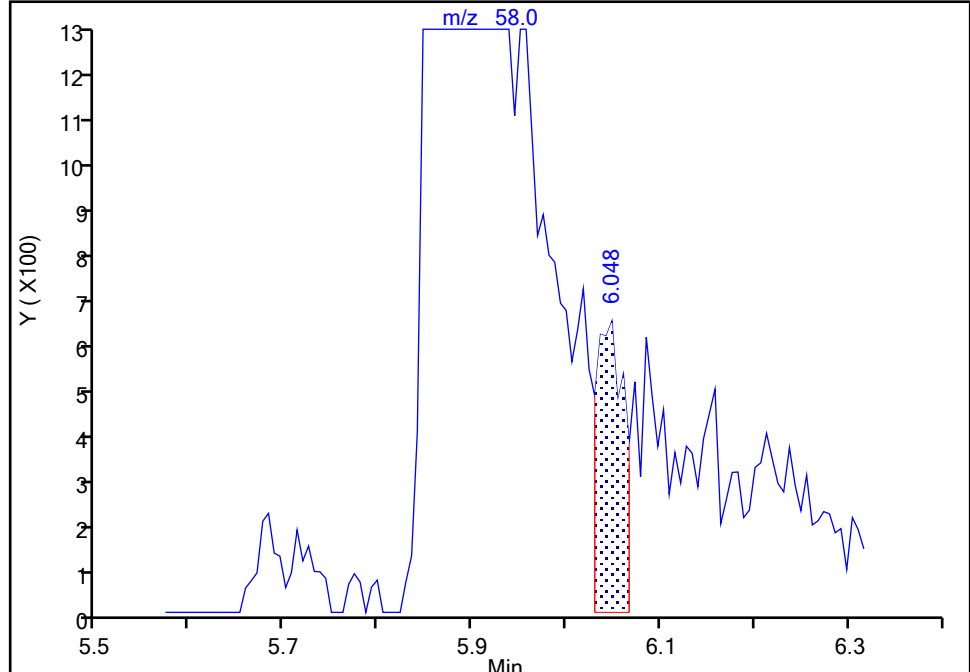
MS Quad

**82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1**

Signal: 1

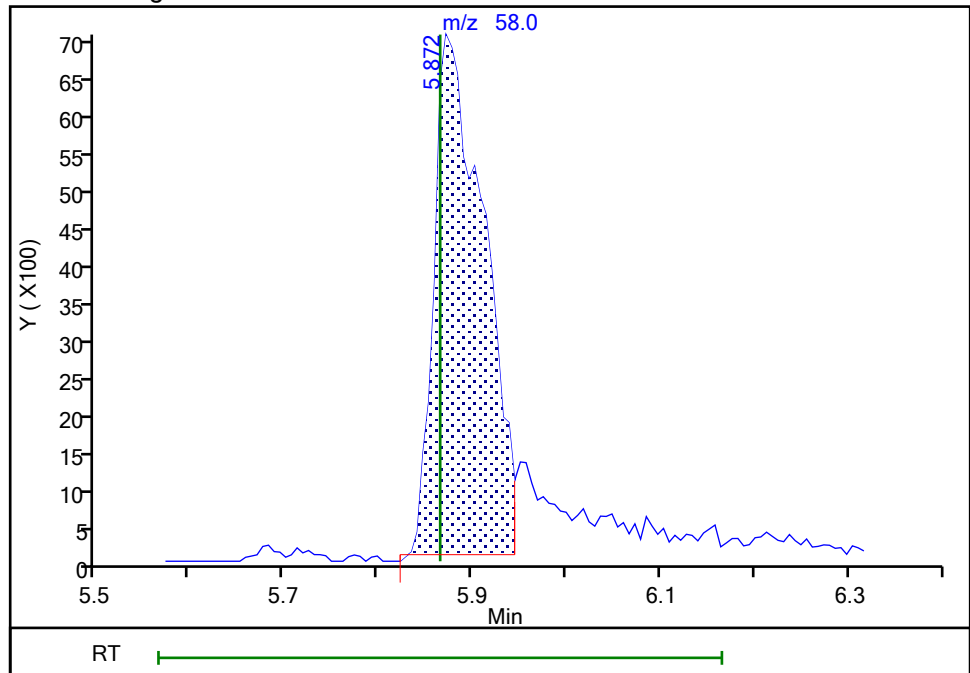
RT: 6.05  
Area: 1335  
Amount: 25.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.87  
Area: 25591  
Amount: 18.563307  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:21:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45703.D

Injection Date: 12-Oct-2021 08:11:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

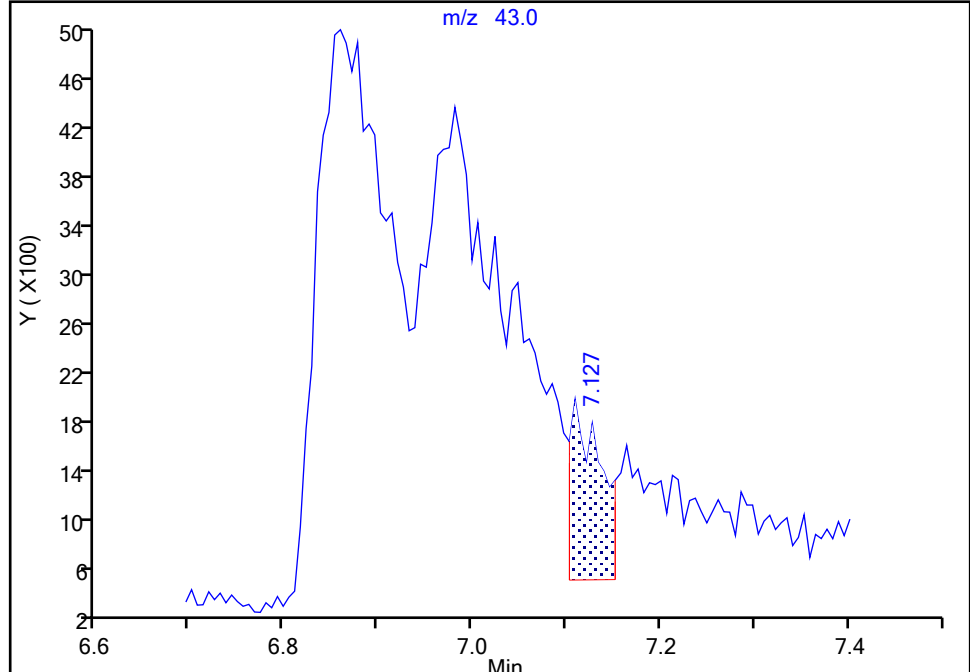
Detector: MS Quad

**91 n-Butyl acetate, CAS: 123-86-4**

Signal: 1

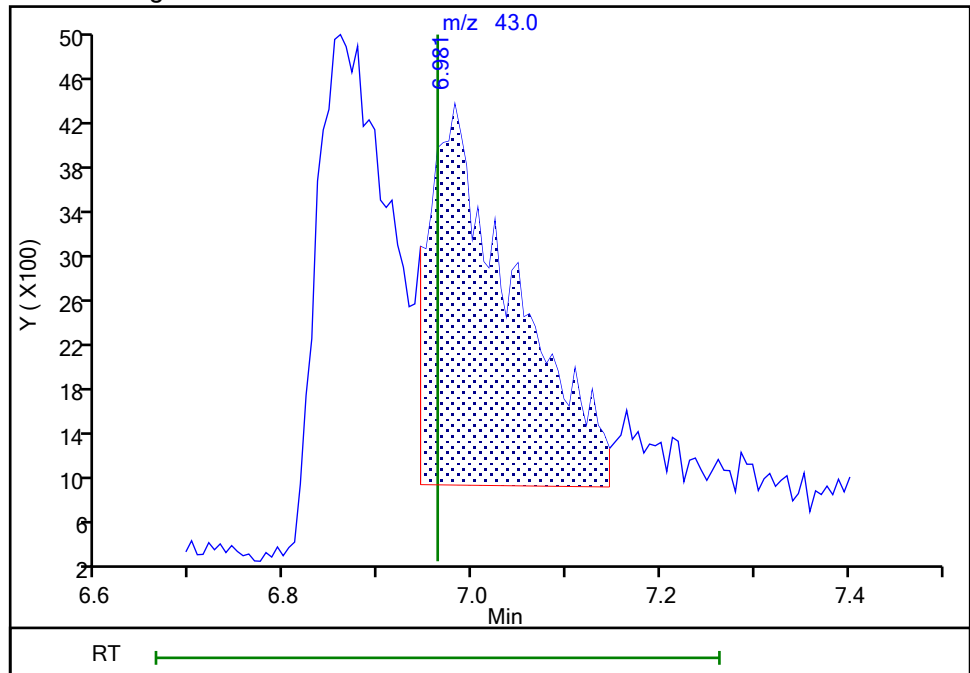
RT: 7.13  
Area: 3377  
Amount: 5.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 6.98  
Area: 21187  
Amount: 3.224938  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:09:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D  
 Lims ID: STD20  
 Client ID:  
 Sample Type: ICIS Calib Level: 4  
 Inject. Date: 12-Oct-2021 08:31:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD20  
 Misc. Info.: 460-0135876-007  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:01:36 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 09:15:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.165	0.000	65	4666	20.0	17.6	a
3 Chlorotrifluoroethene	116	1.226	1.226	0.000	95	20306	20.0	19.5	a
2 1,1-Difluoroethane	65	1.244	1.244	0.000	92	46721	20.0	20.3	
4 Dichlorodifluoromethane	85	1.263	1.263	0.000	49	70208	20.0	19.6	
5 Chlorodifluoromethane	67	1.287	1.287	0.000	99	15999	20.0	18.9	a
6 Chloromethane	50	1.397	1.397	0.000	99	165485	20.0	23.3	
8 Butadiene	54	1.439	1.439	0.000	93	95961	20.0	22.0	
7 Vinyl chloride	62	1.452	1.452	0.000	97	113355	20.0	21.4	
9 Bromomethane	94	1.665	1.665	0.000	99	74562	20.0	23.5	
10 Chloroethane	64	1.695	1.695	0.000	100	70156	20.0	23.1	
12 Trichlorofluoromethane	101	1.830	1.830	0.000	38	84603	20.0	21.5	a
11 Dichlorofluoromethane	67	1.836	1.836	0.000	71	153779	20.0	22.0	
13 Pentane	72	1.842	1.842	0.000	98	23384	40.0	44.1	
14 Ethanol	46	1.988	1.988	0.000	85	22196	800.0	919.7	
15 Ethyl ether	74	1.988	1.988	0.000	85	44212	20.0	22.5	
16 2-Methyl-1,3-butadiene	53	2.006	2.006	0.000	96	74093	20.0	21.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.049	2.049	0.000	95	54024	20.0	21.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.092	2.092	0.000	95	100763	20.0	21.6	a
19 Acrolein	56	2.122	2.122	0.000	95	30876	40.6	45.4	
21 1,1-Dichloroethene	96	2.153	2.153	0.000	92	62294	20.0	22.4	
20 1,1,2,2-Tetrafluoroethane	101	2.153	2.153	0.000	44	56613	20.0	23.1	a
22 Acetone	43	2.220	2.220	0.000	85	135182	100.0	107.9	
23 Iodomethane	142	2.281	2.281	0.000	98	103154	20.0	22.7	
24 Carbon disulfide	76	2.305	2.305	0.000	100	270376	20.0	21.3	
25 Isopropyl alcohol	45	2.311	2.311	0.000	41	61127	200.0	237.4	
26 3-Chloro-1-propene	76	2.403	2.403	0.000	90	56985	20.0	22.7	
27 Methyl acetate	43	2.415	2.415	0.000	98	148064	40.0	46.3	
28 Cyclopentene	67	2.415	2.415	0.000	93	184285	20.0	22.3	
29 Acetonitrile	41	2.458	2.464	-0.006	99	90166	200.0	212.6	Ma
30 Methylene Chloride	84	2.512	2.512	0.000	95	84197	20.0	22.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.519	2.519	0.000	97	38018	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.573	2.573	0.000	91	85109	200.0	234.1	a
33 Methyl tert-butyl ether	73	2.647	2.647	0.000	98	212459	20.0	22.4	
34 trans-1,2-Dichloroethene	96	2.659	2.659	0.000	98	71721	20.0	22.9	
35 Acrylonitrile	53	2.720	2.720	0.000	93	354482	200.0	226.8	
36 Hexane	57	2.787	2.787	0.000	95	110889	20.0	23.0	
37 Isopropyl ether	45	2.976	2.976	0.000	86	346827	20.0	22.6	
38 1,1-Dichloroethane	63	2.988	2.988	0.000	99	163414	20.0	23.2	
39 Vinyl acetate	86	3.000	3.000	0.000	100	27376	40.0	47.3	
40 2-Chloro-1,3-butadiene	88	3.025	3.025	0.000	93	62034	20.0	22.3	
41 Tert-butyl ethyl ether	59	3.244	3.244	0.000	87	260223	20.0	22.2	
* 42 2-Butanone-d5	46	3.409	3.409	0.000	96	332047	250.0	250.0	
43 2,2-Dichloropropane	97	3.421	3.421	0.000	67	22163	20.0	21.0	
44 cis-1,2-Dichloroethene	96	3.433	3.433	0.000	89	78665	20.0	22.4	
45 2-Butanone (MEK)	72	3.451	3.451	0.000	94	35426	100.0	109.9	
46 Ethyl acetate	70	3.463	3.463	0.000	96	13303	40.0	44.4	
47 Methyl acrylate	55	3.500	3.500	0.000	97	68477	20.0	21.8	a
48 Propionitrile	54	3.573	3.573	0.000	98	97797	200.0	233.9	
49 Chlorobromomethane	128	3.628	3.628	0.000	93	34480	20.0	22.2	
50 Tetrahydrofuran	72	3.640	3.640	0.000	70	18492	40.0	47.6	
51 Methacrylonitrile	67	3.652	3.652	0.000	97	284569	200.0	222.4	
52 Chloroform	83	3.677	3.677	0.000	97	128330	20.0	23.4	
53 Cyclohexane	84	3.787	3.787	0.000	98	92688	20.0	22.1	
54 1,1,1-Trichloroethane	97	3.805	3.805	0.000	96	96339	20.0	22.8	
\$ 55 Dibromofluoromethane (Surr)	113	3.817	3.817	0.000	95	109672	50.0	51.3	
56 Carbon tetrachloride	117	3.908	3.908	0.000	94	74564	20.0	22.2	
57 1,1-Dichloropropene	75	3.927	3.927	0.000	91	97205	20.0	21.8	
59 Isooctane	57	4.091	4.091	0.000	99	272904	20.0	22.1	
58 Isobutyl alcohol	43	4.097	4.097	0.000	38	66865	500.0	528.9	a
60 Benzene	78	4.104	4.104	0.000	98	290895	20.0	22.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.122	4.122	0.000	94	152127	50.0	49.9	
62 Tert-amyl methyl ether	73	4.183	4.183	0.000	91	235723	20.0	22.2	
64 1,2-Dichloroethane	62	4.189	4.189	0.000	93	101828	20.0	22.6	
63 Isopropyl acetate	61	4.189	4.189	0.000	96	39544	20.0	22.4	
65 n-Heptane	100	4.262	4.262	0.000	98	14501	20.0	22.5	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	426801	50.0	50.0	
68 Trichloroethene	95	4.689	4.689	0.000	94	63283	20.0	21.2	
69 Methylcyclohexane	83	4.805	4.805	0.000	92	104095	20.0	21.5	
70 Ethyl acrylate	99	4.841	4.841	0.000	97	7551	20.0	20.9	a
71 1,2-Dichloropropane	63	4.951	4.951	0.000	90	85956	20.0	22.7	
73 Methyl methacrylate	100	5.055	5.055	0.000	95	27066	40.0	42.3	
* 72 1,4-Dioxane-d8	96	5.055	5.055	0.000	46	17872	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	93	42208	20.0	22.2	
75 1,4-Dioxane	88	5.097	5.097	0.000	86	13988	400.0	523.0	
76 n-Propyl acetate	43	5.122	5.122	0.000	98	96932	20.0	17.4	
77 Dichlorobromomethane	83	5.219	5.219	0.000	97	90153	20.0	22.2	
78 2-Nitropropane	41	5.542	5.542	0.000	96	40845	40.0	39.1	
79 2-Chloroethyl vinyl ether	63	5.554	5.554	0.000	94	43257	20.0	21.3	
80 Epichlorohydrin	57	5.658	5.658	0.000	100	121156	400.0	390.5	a
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	99	118182	20.0	23.1	
82 4-Methyl-2-pentanone (MIBK)	58	5.865	5.865	0.000	98	140644	100.0	106.5	
\$ 83 Toluene-d8 (Surr)	98	5.914	5.914	0.000	97	410694	50.0	51.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.981	5.981	0.000	92	273013	20.0	22.8	
85 trans-1,3-Dichloropropene	75	6.335	6.335	0.000	96	101888	20.0	22.5	
86 Ethyl methacrylate	69	6.390	6.390	0.000	95	84964	20.0	21.1	
87 1,1,2-Trichloroethane	83	6.536	6.536	0.000	92	52811	20.0	22.9	
88 Tetrachloroethene	166	6.554	6.554	0.000	94	53346	20.0	22.1	
89 1,3-Dichloropropane	76	6.725	6.725	0.000	98	108804	20.0	23.0	
90 2-Hexanone	43	6.829	6.829	0.000	99	210356	100.0	88.9	
92 Chlorodibromomethane	129	6.944	6.944	0.000	96	55421	20.0	22.8	
91 n-Butyl acetate	43	6.963	6.963	0.000	98	137835	20.0	21.2	
93 Ethylene Dibromide	107	7.079	7.079	0.000	98	53686	20.0	22.7	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	302845	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	89	164272	20.0	22.4	
96 Ethylbenzene	106	7.761	7.761	0.000	99	86237	20.0	22.6	
97 1,1,1,2-Tetrachloroethane	131	7.774	7.774	0.000	93	57650	20.0	22.4	
98 m-Xylene & p-Xylene	106	7.920	7.920	0.000	99	105218	20.0	22.8	
99 o-Xylene	106	8.420	8.420	0.000	92	107628	20.0	22.5	
101 Styrene	104	8.462	8.462	0.000	92	174071	20.0	23.3	
100 n-Butyl acrylate	73	8.469	8.469	0.000	95	48588	20.0	19.1	
102 Bromoform	173	8.712	8.712	0.000	94	34681	20.0	21.8	
103 Amyl acetate (mixed isomers)	43	8.779	8.779	0.000	87	135955	20.0	16.0	
104 Isopropylbenzene	105	8.895	8.895	0.000	98	281336	20.0	22.7	
\$ 105 4-Bromofluorobenzene	174	9.145	9.145	0.000	0	110830	50.0	51.5	
106 Bromobenzene	156	9.298	9.298	0.000	91	64404	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	9.407	9.407	0.000	98	86827	20.0	21.4	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	361644	20.0	21.8	
109 1,2,3-Trichloropropane	110	9.450	9.450	0.000	95	19550	20.0	21.9	
110 trans-1,4-Dichloro-2-butene	53	9.493	9.493	0.000	84	23404	20.0	21.4	
111 2-Chlorotoluene	91	9.529	9.529	0.000	97	248353	20.0	23.7	
112 4-Ethyltoluene	105	9.566	9.566	0.000	98	269523	20.0	22.0	
113 1,3,5-Trimethylbenzene	105	9.651	9.651	0.000	91	232179	20.0	21.7	
114 4-Chlorotoluene	91	9.670	9.670	0.000	99	239824	20.0	22.2	
115 Butyl Methacrylate	87	9.816	9.816	0.000	96	77288	20.0	17.4	
116 tert-Butylbenzene	119	9.987	9.987	0.000	90	176718	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	10.054	10.054	0.000	99	242652	20.0	22.1	
118 sec-Butylbenzene	105	10.218	10.218	0.000	98	298693	20.0	21.0	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	93	122470	20.0	21.4	
120 4-Isopropyltoluene	119	10.377	10.377	0.000	97	242382	20.0	21.5	
* 121 1,4-Dichlorobenzene-d4	152	10.425	10.425	0.000	97	153850	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.444	10.444	0.000	93	123434	20.0	21.3	
123 1,2,3-Trimethylbenzene	105	10.480	10.480	0.000	99	249956	20.0	21.4	
124 Benzyl chloride	91	10.602	10.602	0.000	97	128279	20.0	21.0	
125 2,3-Dihydroindene	117	10.657	10.657	0.000	94	231696	20.0	21.5	
126 p-Diethylbenzene	119	10.749	10.749	0.000	91	126578	20.0	21.1	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	147770	20.0	21.8	
128 1,2-Dichlorobenzene	146	10.797	10.797	0.000	93	121437	20.0	22.1	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	96	225356	20.0	19.9	
130 1,2-Dibromo-3-Chloropropane	157	11.517	11.517	0.000	88	13111	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	94	94699	20.0	20.0	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	93	89572	20.0	19.7	
133 Hexachlorobutadiene	225	12.248	12.248	0.000	91	37297	20.0	19.3	
134 Naphthalene	128	12.340	12.340	0.000	98	207598	20.0	19.4	
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	93	83249	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	45.3	
S 137 Xylenes, Total	100				0		40.0	45.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	45.5	
S 140 Total BTEX	1				0		100.0	113.5	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

ACROLEIN W_00131	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00144	Amount Added: 20.00	Units: uL	
GASES Li_00442	Amount Added: 20.00	Units: uL	
524freon_00043	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

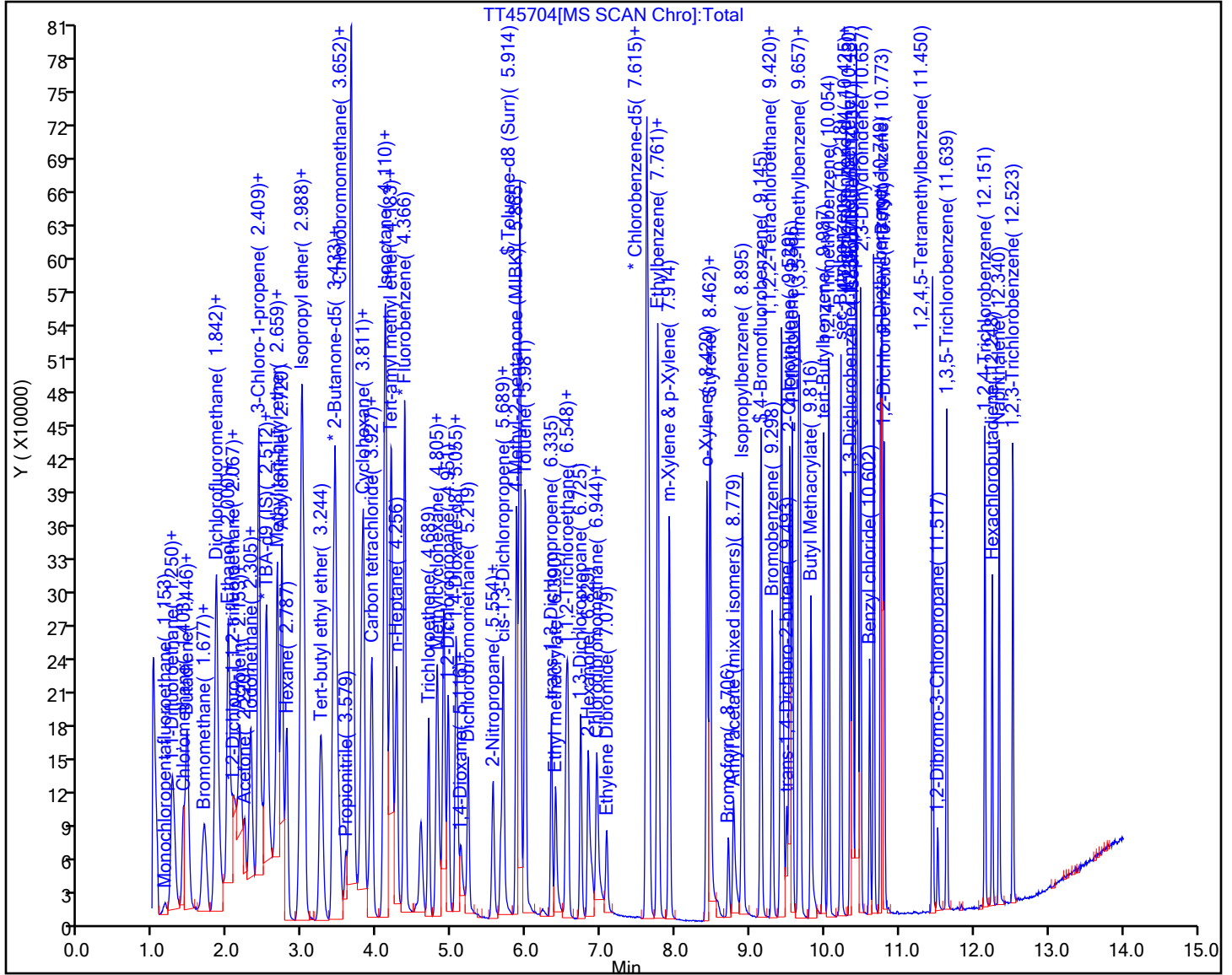
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

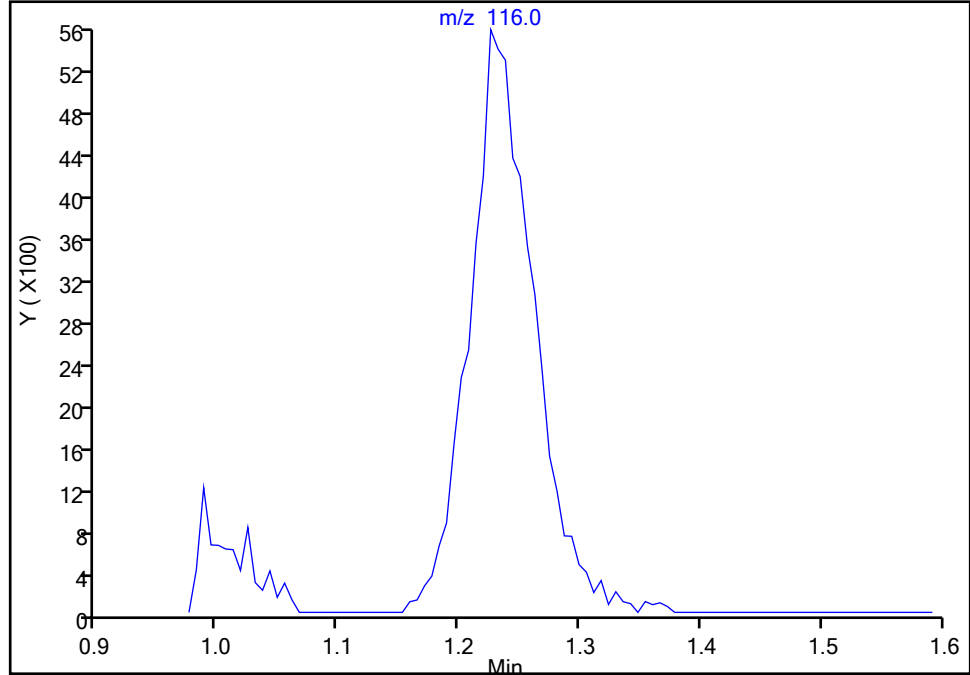
**3 Chlorotrifluoroethene, CAS: 79-38-9**

Signal: 1

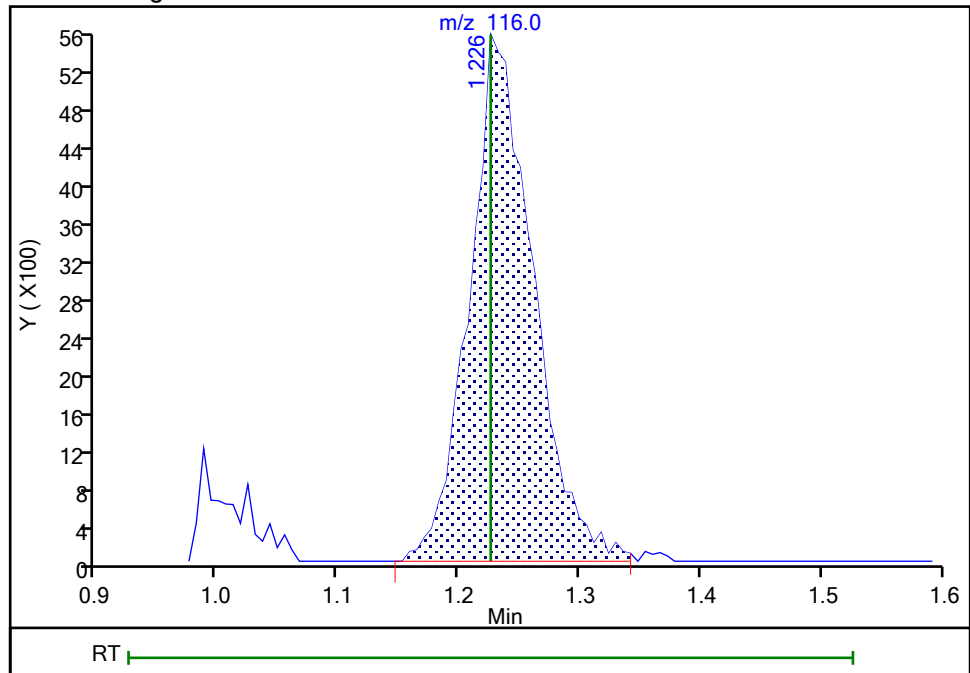
Not Detected

Expected RT: 1.23

## Processing Integration Results



## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:13:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

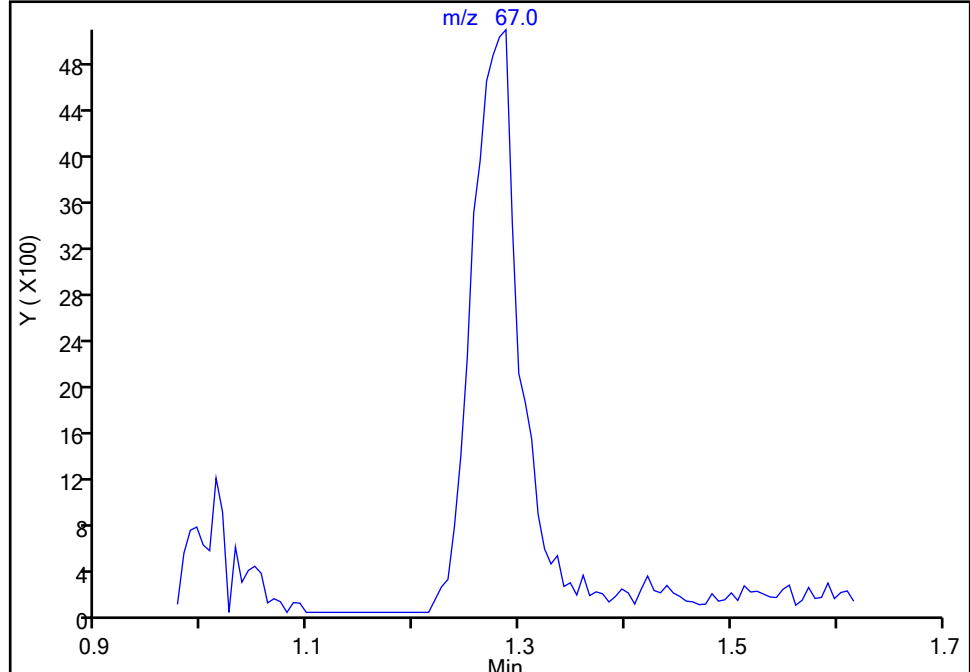
**5 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

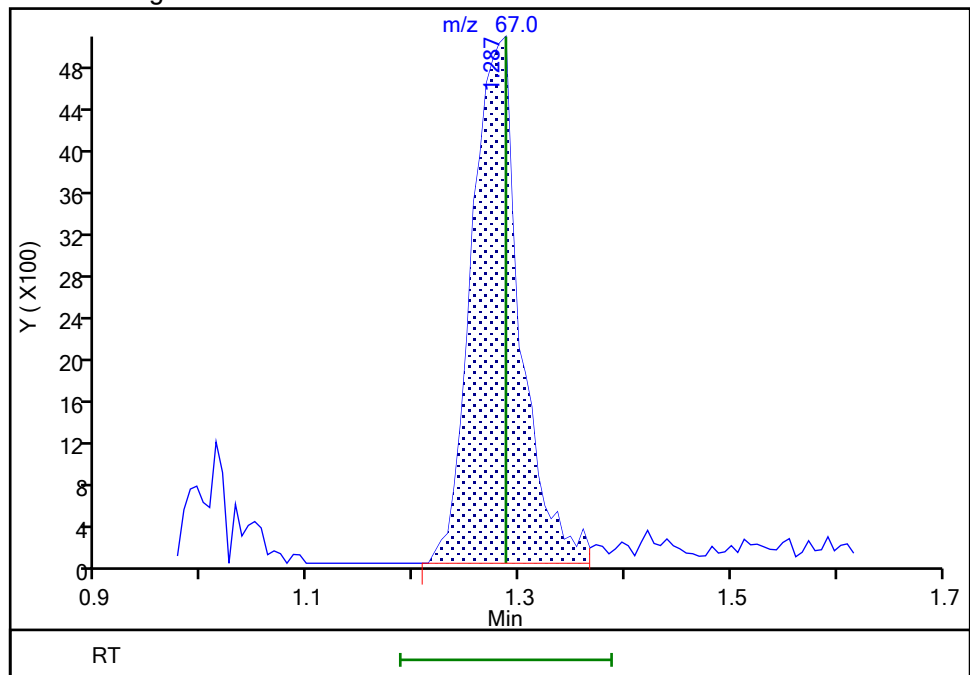
Not Detected

Expected RT: 1.29

## Processing Integration Results



## Manual Integration Results



RT: 1.29  
Area: 15999  
Amount: 18.880230  
Amount Units: ug/l

Reviewer: desais, 12-Oct-2021 09:13:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

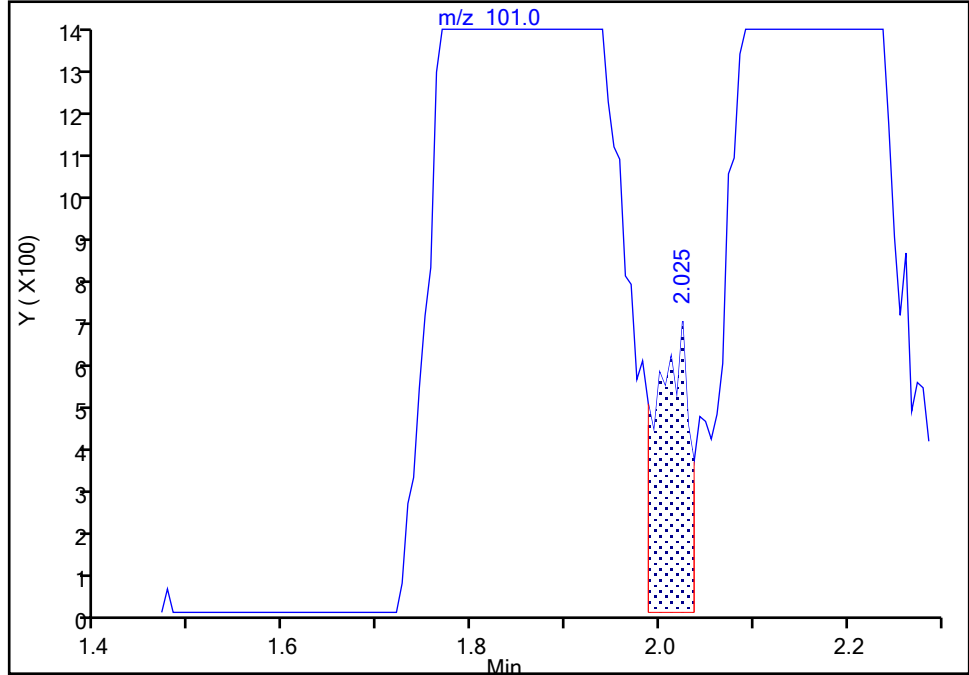
MS Quad

**12 Trichlorofluoromethane, CAS: 75-69-4**

Signal: 1

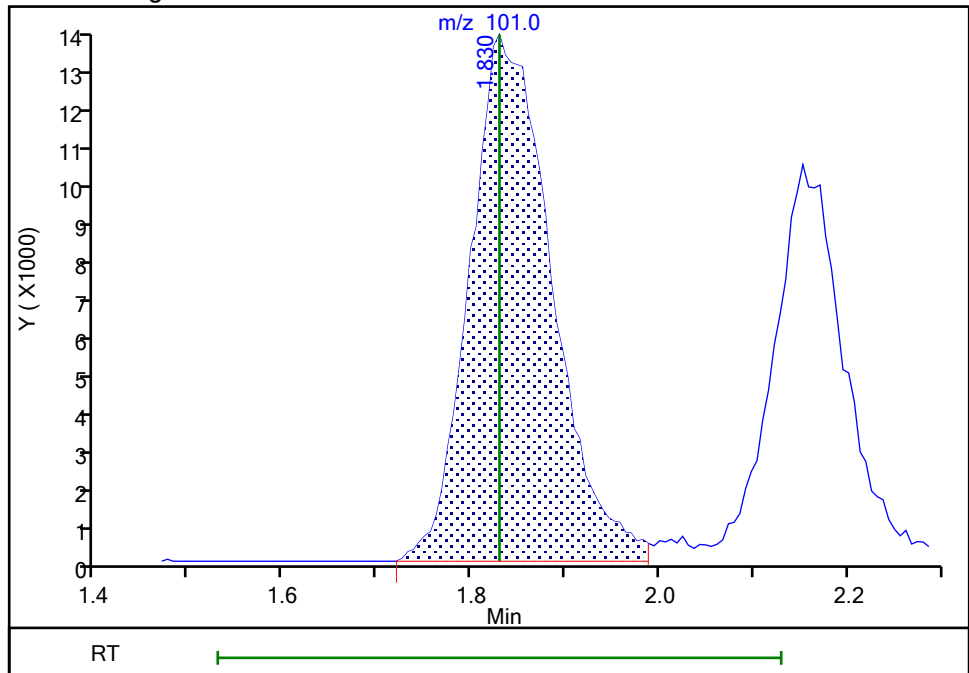
RT: 2.02  
Area: 1616  
Amount: 0.854672  
Amount Units: ug/l

## Processing Integration Results



RT: 1.83  
Area: 84603  
Amount: 21.476929  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:14:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

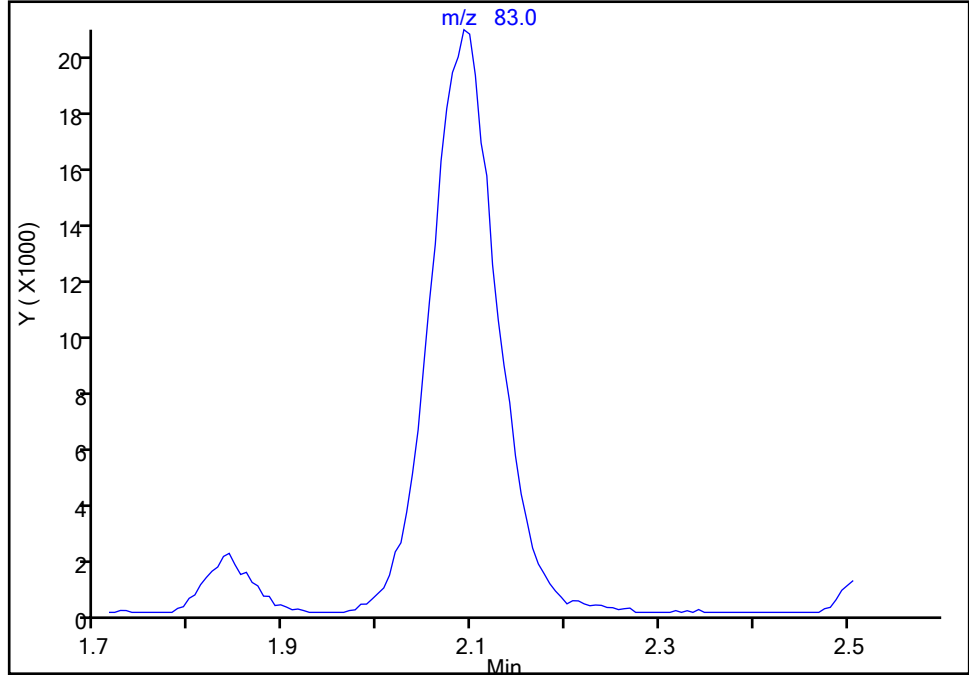
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

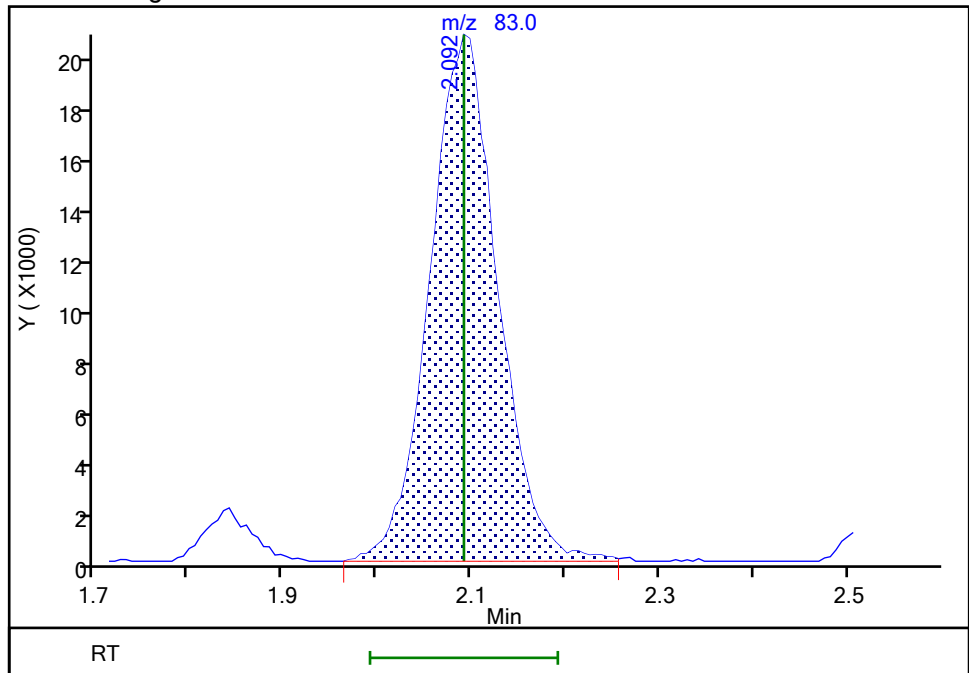
Not Detected

Expected RT: 2.09

## Processing Integration Results

RT: 2.09  
Area: 100763  
Amount: 21.608049  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:15:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

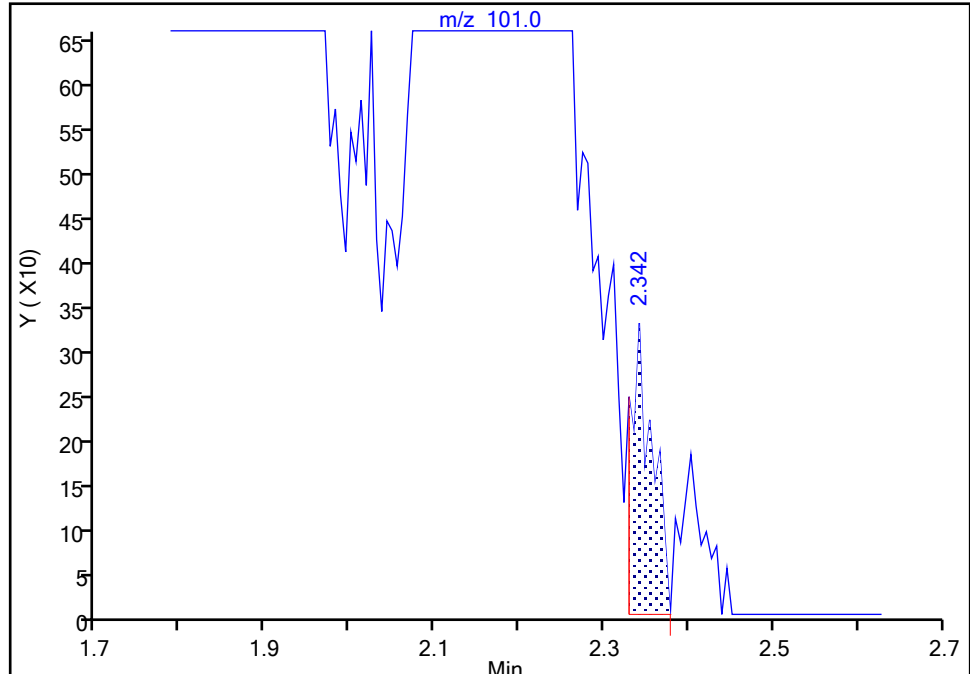
Detector: MS Quad

**20 112TCTFE, CAS: 76-13-1**

Signal: 1

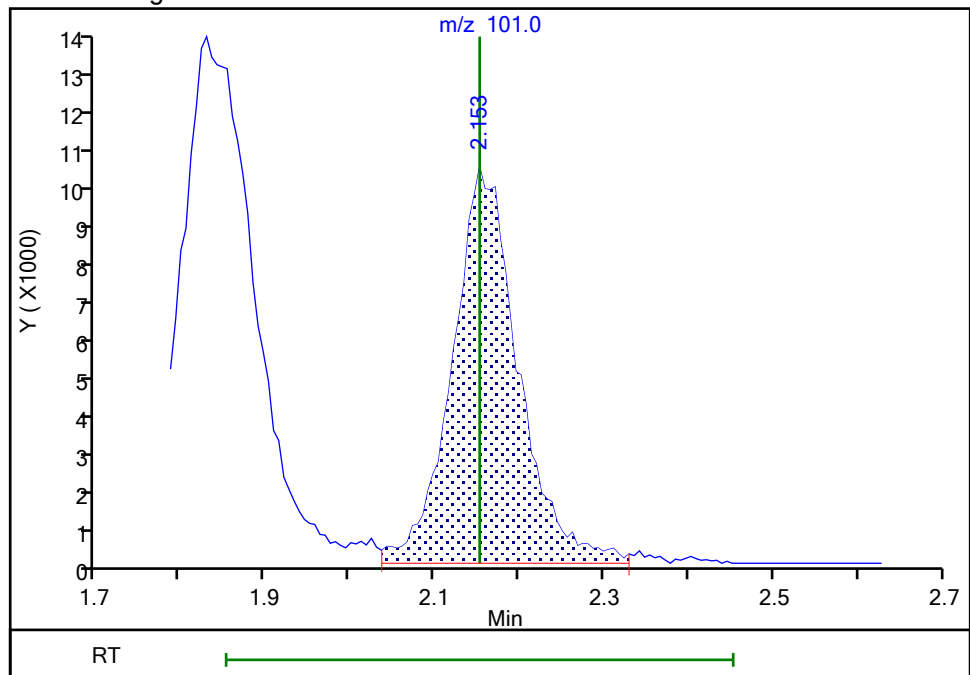
RT: 2.34  
Area: 573  
Amount: 20.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.15  
Area: 56613  
Amount: 23.054888  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:14:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

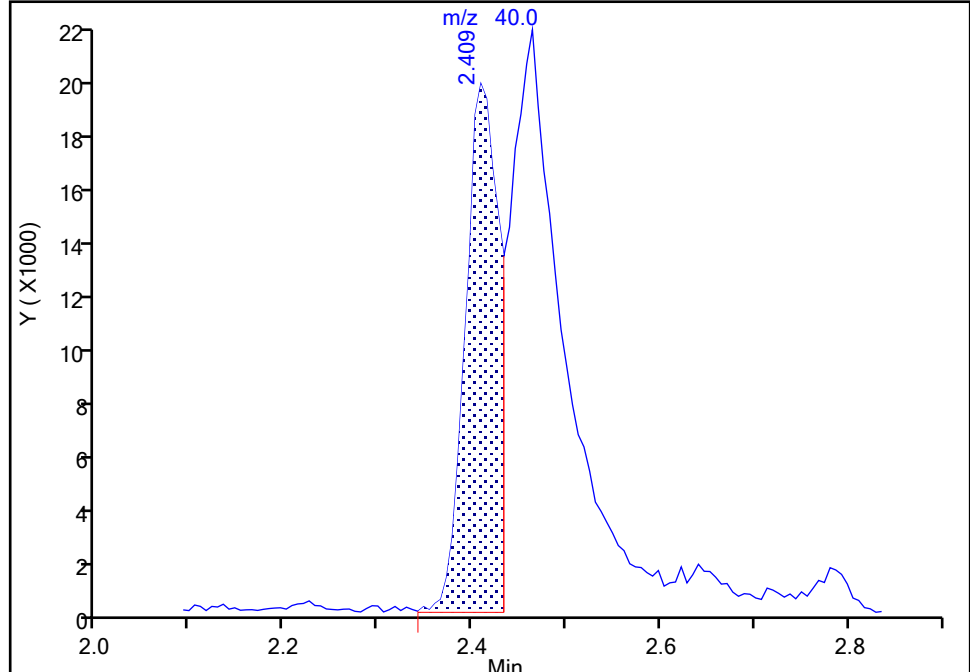
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

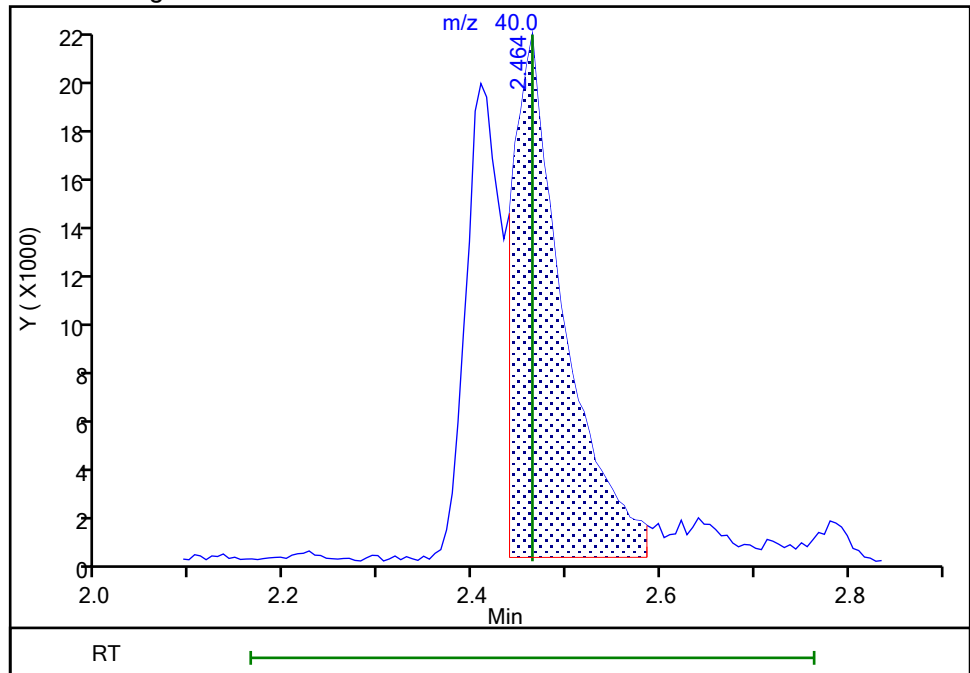
RT: 2.41  
Area: 47882  
Amount: 228.1764  
Amount Units: ug/l

## Processing Integration Results



RT: 2.46  
Area: 78270  
Amount: 212.6247  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:14:14

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

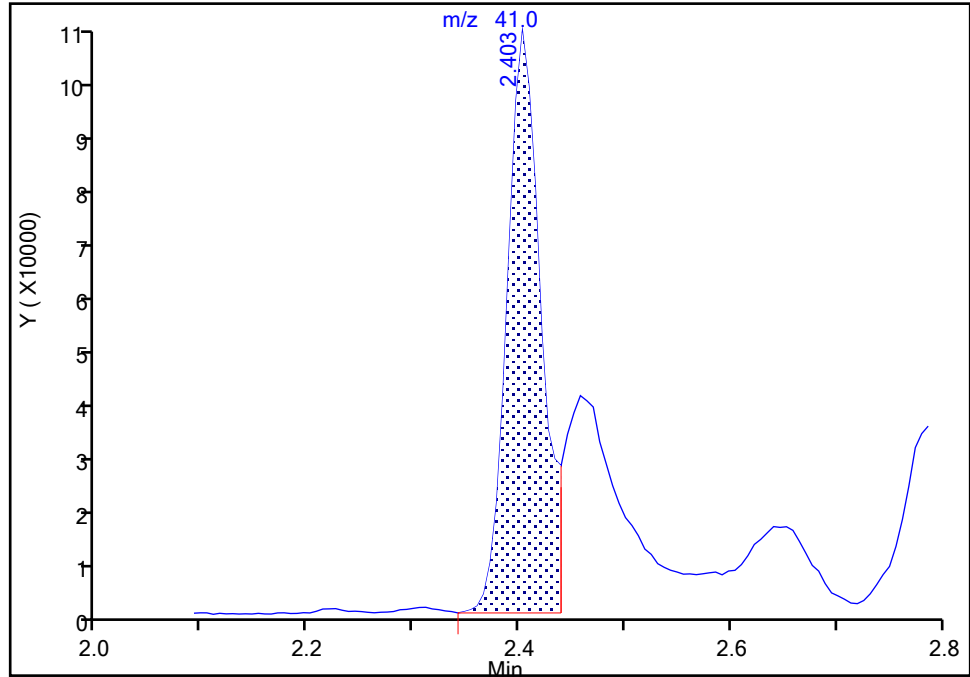
MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 2

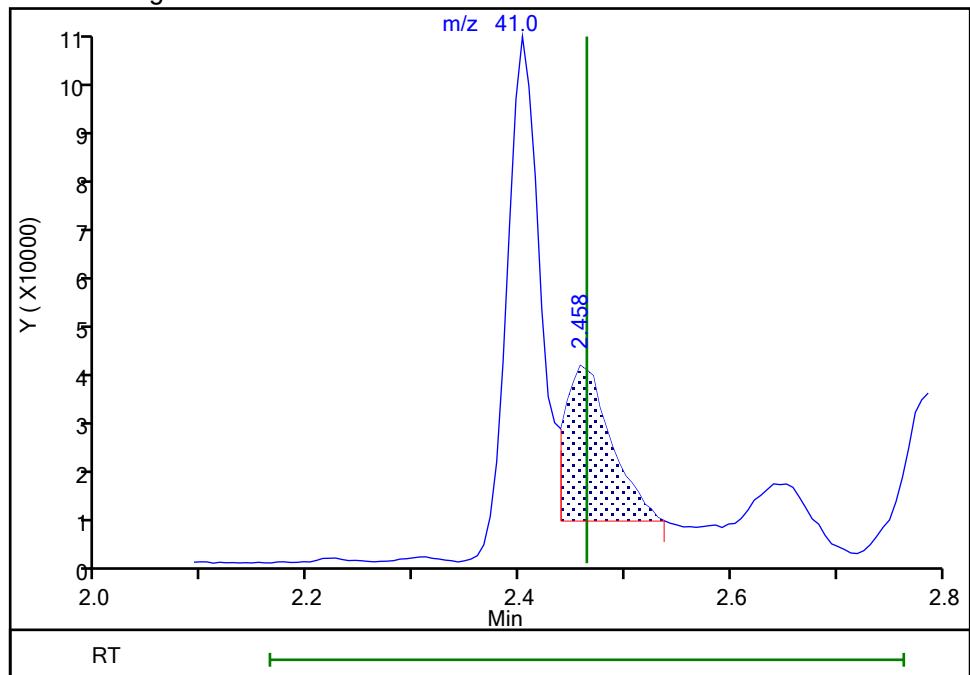
RT: 2.40  
Area: 227121  
Amount: 228.1764  
Amount Units: ug/l

## Processing Integration Results



RT: 2.46  
Area: 90166  
Amount: 212.6247  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:46:48

Audit Action: Manually Integrated

Audit Reason: Other

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

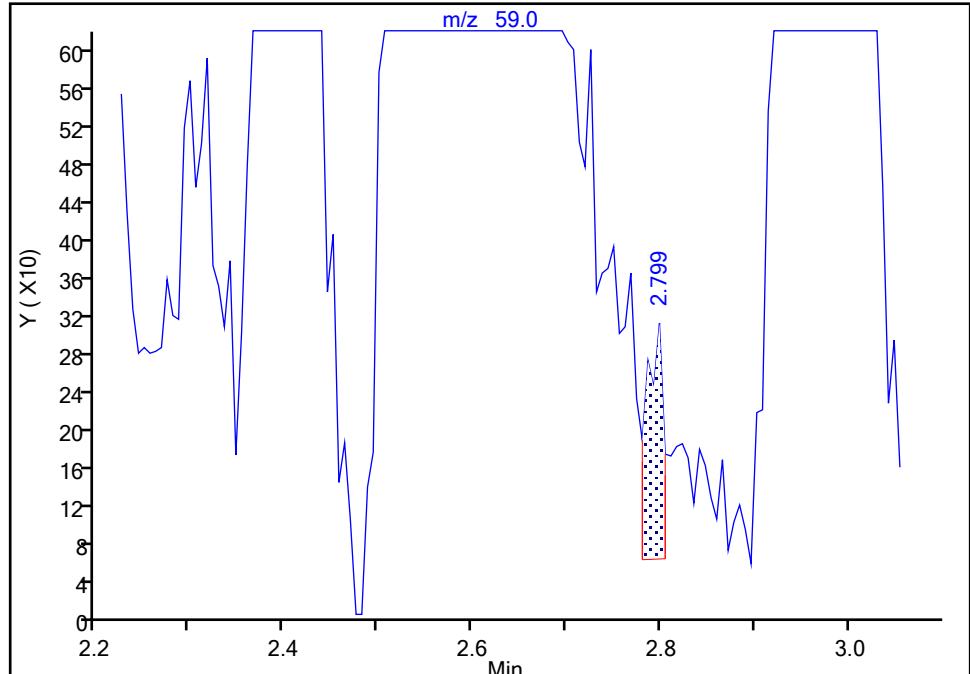
MS Quad

**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

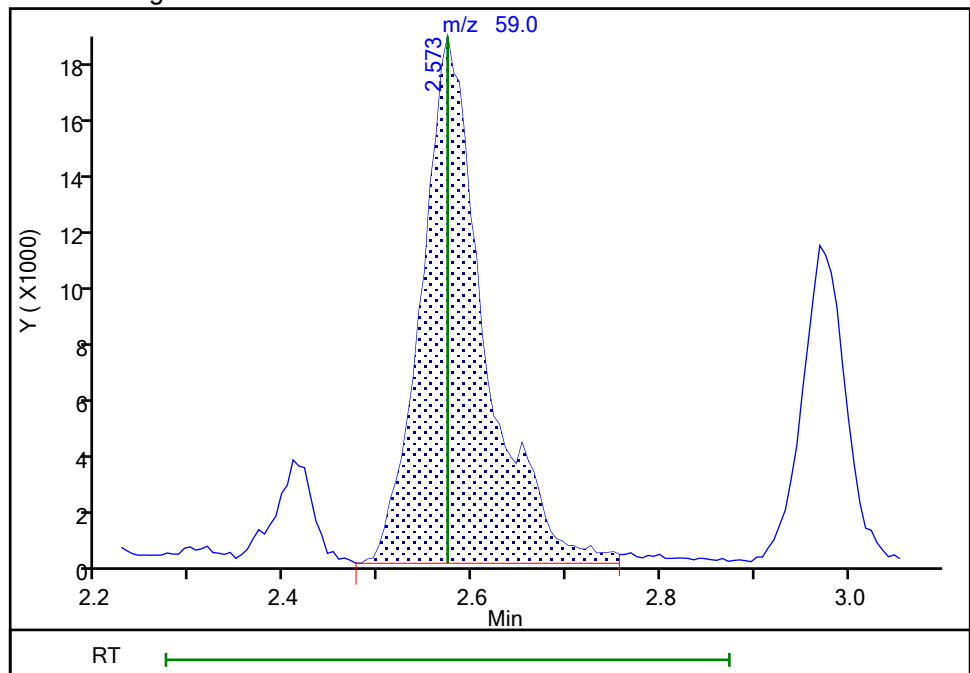
RT: 2.80  
Area: 322  
Amount: 187.2844  
Amount Units: ug/l

## Processing Integration Results



RT: 2.57  
Area: 85109  
Amount: 234.1381  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:14:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

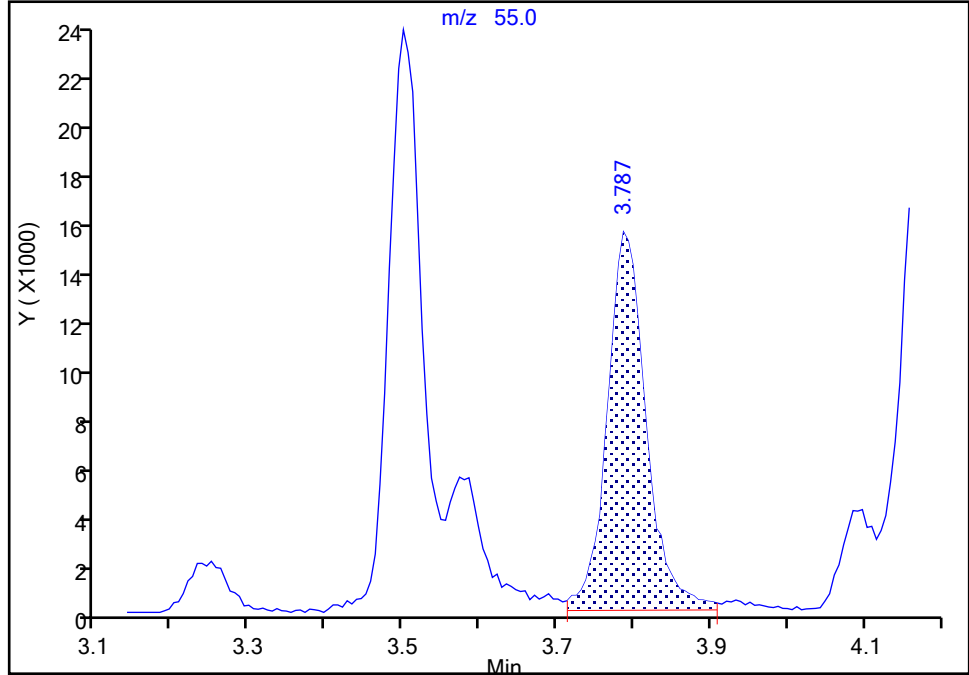
Detector: MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

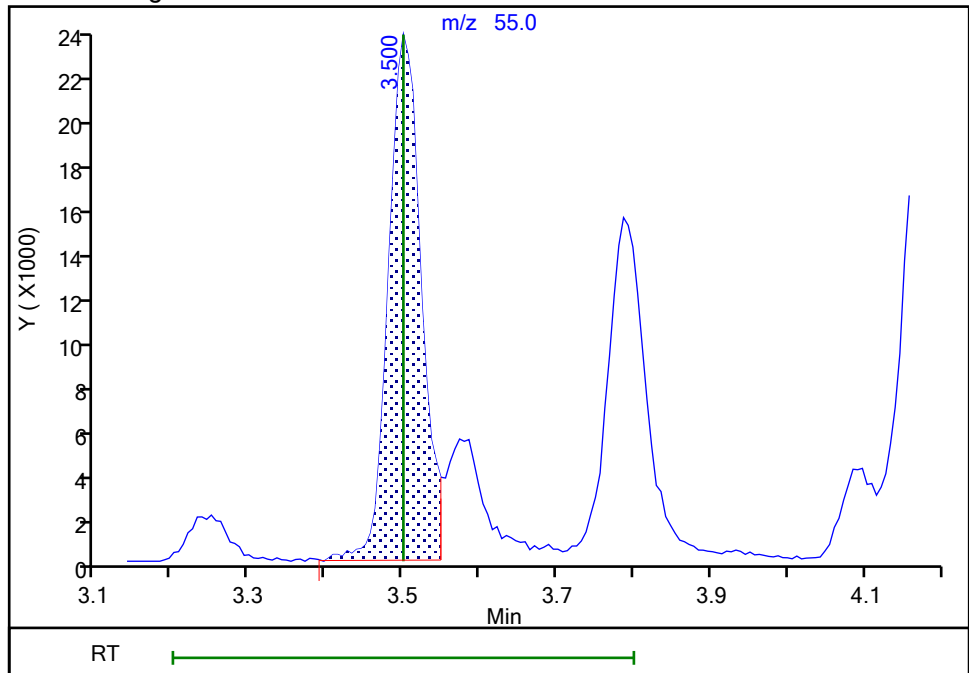
RT: 3.79  
Area: 52892  
Amount: 21.298547  
Amount Units: ug/l

## Processing Integration Results



RT: 3.50  
Area: 68477  
Amount: 21.791898  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:13:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

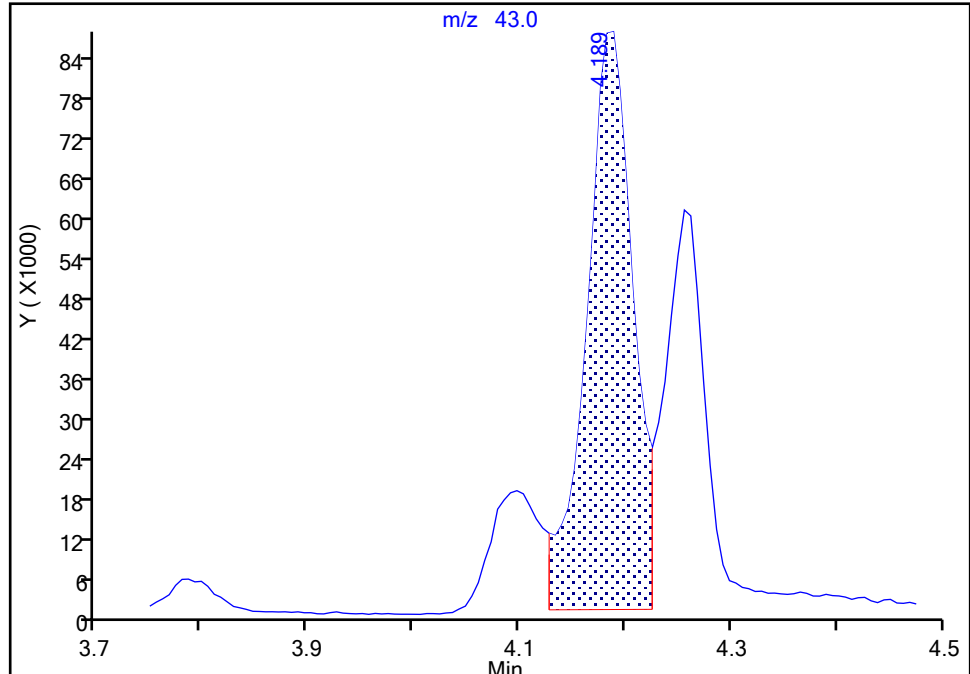
Detector: MS Quad

**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

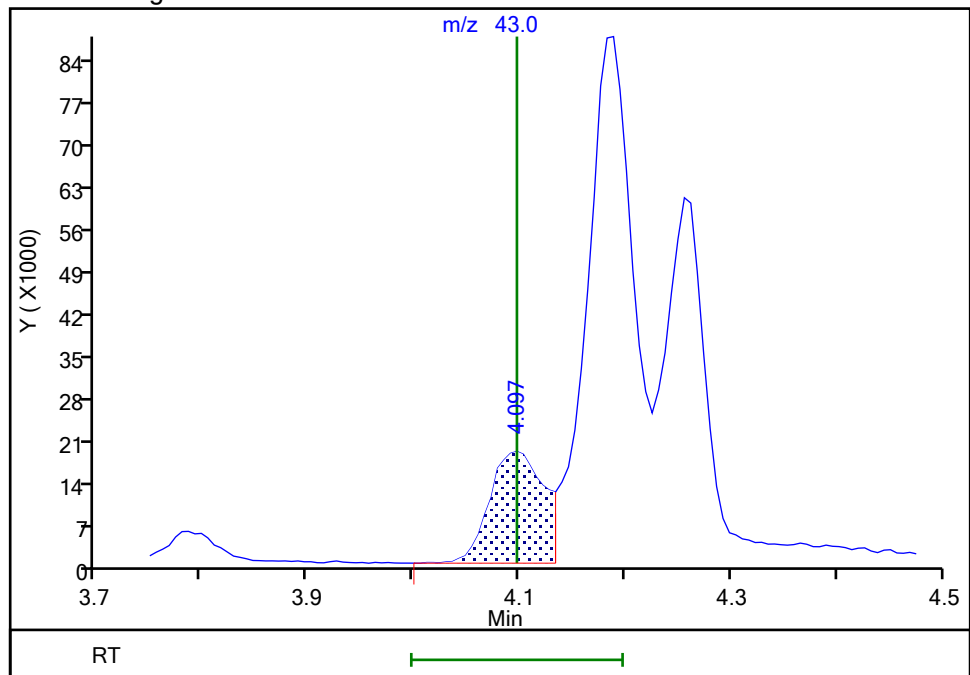
RT: 4.19  
Area: 267651  
Amount: 581.9871  
Amount Units: ug/l

## Processing Integration Results



RT: 4.10  
Area: 66865  
Amount: 528.8535  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:12:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

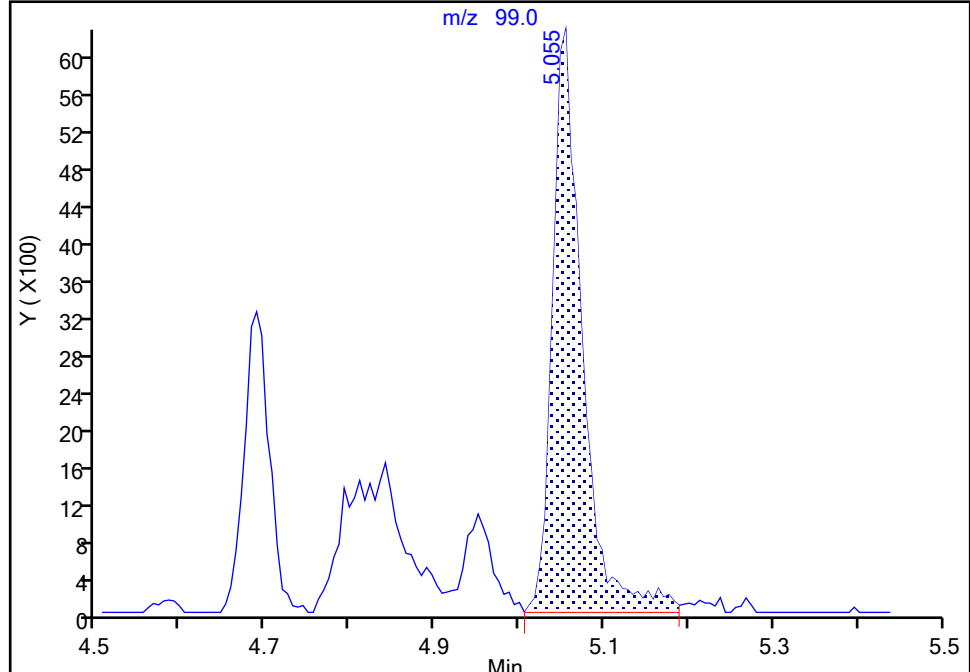
MS Quad

**70 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

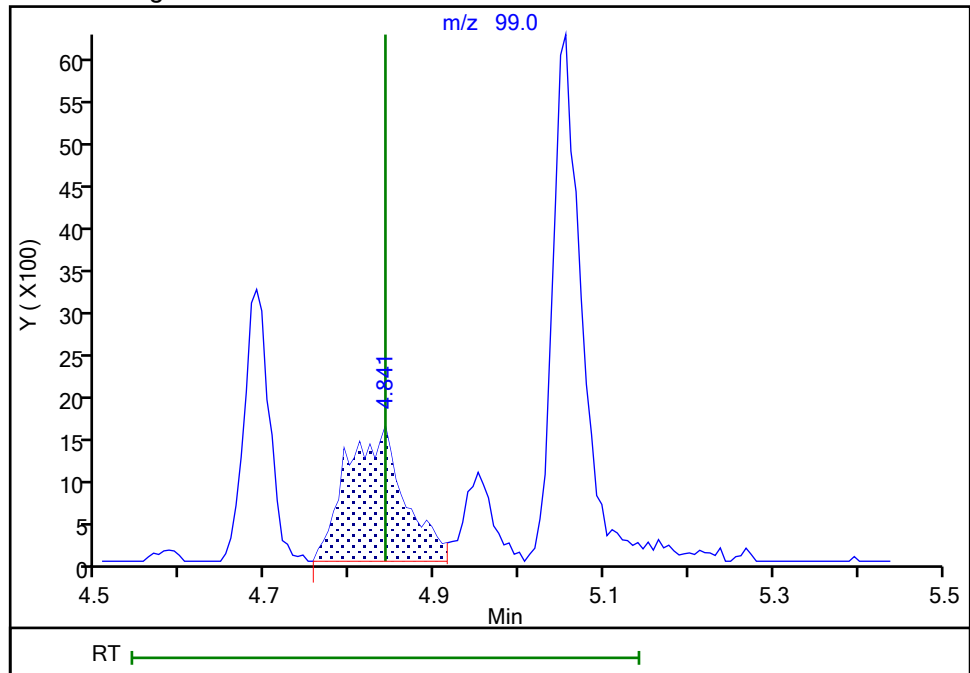
RT: 5.05  
Area: 15104  
Amount: 24.644159  
Amount Units: ug/l

## Processing Integration Results



RT: 4.84  
Area: 7551  
Amount: 20.871358  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:14:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45704.D

Injection Date: 12-Oct-2021 08:31:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

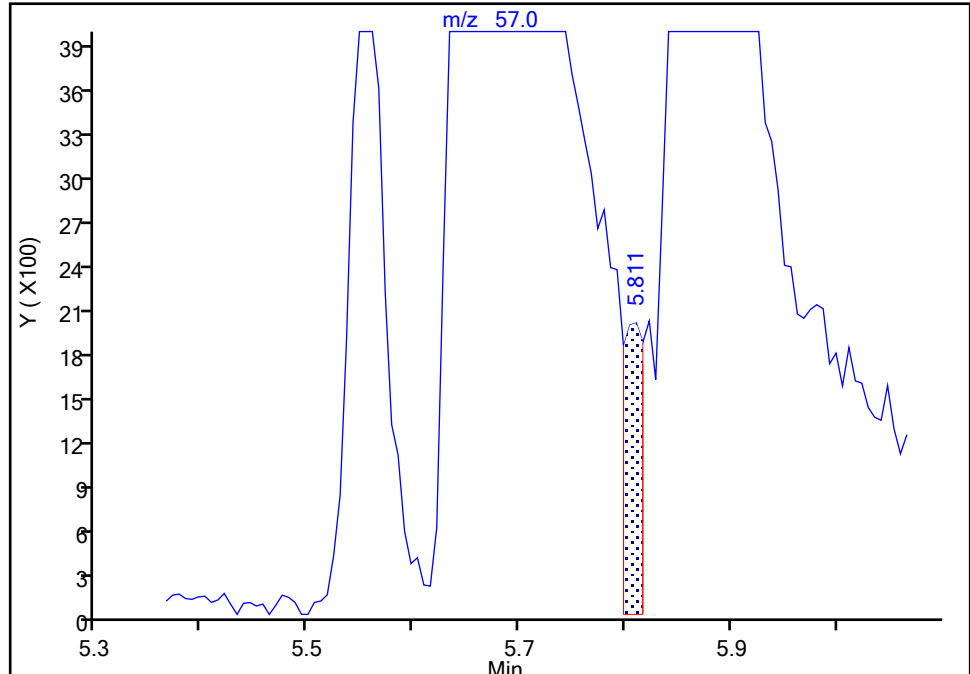
Detector: MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 1

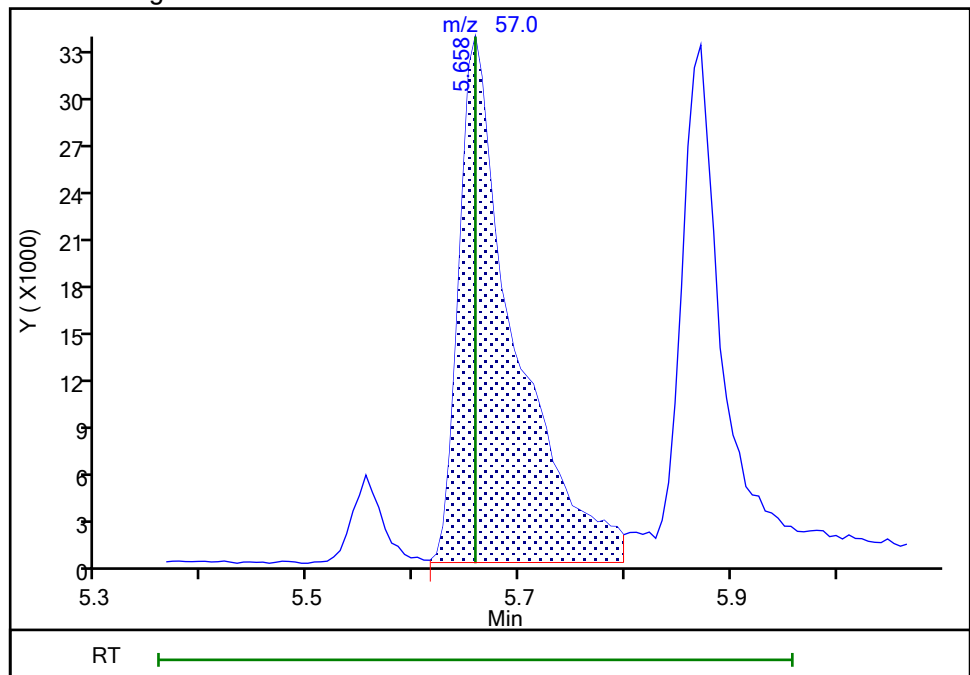
RT: 5.81  
Area: 2748  
Amount: 21.974125  
Amount Units: ug/l

## Processing Integration Results



RT: 5.66  
Area: 121156  
Amount: 390.5337  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:15:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D  
 Lims ID: STD50  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 12-Oct-2021 08:52:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD50  
 Misc. Info.: 460-0135876-008  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:01:45 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 09:17:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.159	1.165	-0.006	77	12611	50.0	44.5	a
3 Chlorotrifluoroethene	116	1.226	1.226	0.000	94	54894	50.0	47.9	
2 1,1-Difluoroethane	65	1.238	1.244	-0.006	95	119085	50.0	48.3	
4 Dichlorodifluoromethane	85	1.245	1.263	-0.018	92	191756	50.0	48.9	
5 Chlorodifluoromethane	67	1.263	1.287	-0.024	98	41707	50.0	46.0	
6 Chloromethane	50	1.385	1.397	-0.012	99	418584	50.0	55.0	
8 Butadiene	54	1.440	1.439	0.001	90	255828	50.0	54.7	
7 Vinyl chloride	62	1.446	1.452	-0.006	98	292914	50.0	51.6	
9 Bromomethane	94	1.659	1.665	-0.006	99	182466	50.0	50.0	
10 Chloroethane	64	1.690	1.695	-0.005	100	169679	50.0	48.6	
12 Trichlorofluoromethane	101	1.830	1.830	0.000	54	224493	50.0	53.2	a
11 Dichlorofluoromethane	67	1.830	1.836	-0.006	97	382651	50.0	51.0	
13 Pentane	72	1.830	1.842	-0.012	98	63449	100.0	111.7	
14 Ethanol	46	1.976	1.988	-0.012	85	45220	2000.0	1517.5	
15 Ethyl ether	74	1.982	1.988	-0.006	87	109841	50.0	52.2	
16 2-Methyl-1,3-butadiene	53	1.994	2.006	-0.012	97	193603	50.0	53.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.037	2.049	-0.012	90	136227	50.0	50.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.086	2.092	-0.006	94	254600	50.0	51.0	a
19 Acrolein	56	2.116	2.122	-0.006	94	67634	101.4	92.9	
21 1,1-Dichloroethene	96	2.153	2.153	0.000	91	152295	50.0	51.2	
20 1,1,2,2-Tetrafluoroethane	101	2.153	2.153	0.000	61	139642	50.0	53.1	a
22 Acetone	43	2.214	2.220	-0.006	85	381288	250.0	265.0	
23 Iodomethane	142	2.275	2.281	-0.006	99	251049	50.0	51.6	
24 Carbon disulfide	76	2.299	2.305	-0.006	100	676382	50.0	49.9	
25 Isopropyl alcohol	45	2.299	2.311	-0.012	86	156086	500.0	489.0	
26 3-Chloro-1-propene	76	2.397	2.403	-0.006	91	137282	50.0	51.1	
27 Methyl acetate	43	2.403	2.415	-0.012	98	365315	100.0	106.6	
28 Cyclopentene	67	2.415	2.415	0.000	95	467974	50.0	53.0	
29 Acetonitrile	41	2.452	2.464	-0.012	98	253243	500.0	519.8	a
30 Methylene Chloride	84	2.507	2.512	-0.005	96	198976	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.513	2.519	-0.005	97	47129	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.574	2.573	0.001	94	195254	500.0	433.3	a
33 Methyl tert-butyl ether	73	2.641	2.647	-0.006	98	523500	50.0	51.6	
34 trans-1,2-Dichloroethene	96	2.653	2.659	-0.006	96	172911	50.0	51.5	
35 Acrylonitrile	53	2.714	2.720	-0.006	94	864104	500.0	516.2	
36 Hexane	57	2.775	2.787	-0.012	95	283903	50.0	55.1	
37 Isopropyl ether	45	2.970	2.976	-0.006	86	833788	50.0	50.8	
38 1,1-Dichloroethane	63	2.982	2.988	-0.006	99	388584	50.0	51.4	
39 Vinyl acetate	86	2.994	3.000	-0.006	100	72122	100.0	108.4	
40 2-Chloro-1,3-butadiene	88	3.019	3.025	-0.005	93	157363	50.0	52.9	
41 Tert-butyl ethyl ether	59	3.238	3.244	-0.006	87	633079	50.0	50.5	
* 42 2-Butanone-d5	46	3.403	3.409	-0.006	93	381454	250.0	250.0	
43 2,2-Dichloropropane	97	3.427	3.421	0.006	91	55528	50.0	48.6	a
44 cis-1,2-Dichloroethene	96	3.427	3.433	-0.006	89	190879	50.0	50.8	
45 2-Butanone (MEK)	72	3.445	3.451	-0.006	94	93606	250.0	252.8	
46 Ethyl acetate	70	3.451	3.463	-0.012	96	36413	100.0	105.8	
47 Methyl acrylate	55	3.494	3.500	-0.006	97	176474	50.0	52.4	a
48 Propionitrile	54	3.567	3.573	-0.006	98	259176	500.0	500.1	
49 Chlorobromomethane	128	3.622	3.628	-0.006	93	83591	50.0	50.3	
50 Tetrahydrofuran	72	3.628	3.640	-0.012	93	44579	100.0	99.9	
51 Methacrylonitrile	67	3.647	3.652	-0.005	97	730530	500.0	533.1	
52 Chloroform	83	3.677	3.677	0.000	97	305436	50.0	52.1	
53 Cyclohexane	84	3.787	3.787	0.000	98	238530	50.0	53.0	
54 1,1,1-Trichloroethane	97	3.799	3.805	-0.006	96	232257	50.0	51.3	
\$ 55 Dibromofluoromethane (Surr)	113	3.811	3.817	-0.006	95	115576	50.0	50.5	
56 Carbon tetrachloride	117	3.903	3.908	-0.005	95	185958	50.0	51.6	
57 1,1-Dichloropropene	75	3.927	3.927	0.000	91	242128	50.0	50.8	
59 Isooctane	57	4.092	4.091	0.001	99	708852	50.0	53.7	
58 Isobutyl alcohol	43	4.098	4.097	0.001	42	210335	1250.0	1265.8	a
60 Benzene	78	4.098	4.104	-0.006	98	711145	50.0	49.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	95	163186	50.0	50.0	
62 Tert-amyl methyl ether	73	4.177	4.183	-0.006	90	592315	50.0	52.0	
64 1,2-Dichloroethane	62	4.183	4.189	-0.006	95	245753	50.0	50.9	
63 Isopropyl acetate	61	4.183	4.189	-0.006	97	97246	50.0	51.3	
65 n-Heptane	100	4.256	4.262	-0.006	98	36734	50.0	53.2	
* 66 Fluorobenzene	96	4.366	4.366	0.000	97	457129	50.0	50.0	
68 Trichloroethene	95	4.683	4.689	-0.006	94	159516	50.0	49.9	
69 Methylcyclohexane	83	4.799	4.805	-0.006	93	283724	50.0	54.7	a
70 Ethyl acrylate	99	4.829	4.841	-0.012	97	21726	50.0	56.1	a
71 1,2-Dichloropropane	63	4.945	4.951	-0.006	91	208201	50.0	51.3	
73 Methyl methacrylate	100	5.049	5.055	-0.006	95	74464	100.0	106.1	
* 72 1,4-Dioxane-d8	96	5.037	5.055	-0.018	92	24609	1000.0	1000.0	
74 Dibromomethane	93	5.067	5.067	0.000	94	104075	50.0	51.1	
75 1,4-Dioxane	88	5.085	5.097	-0.012	89	35669	1000.0	968.5	
76 n-Propyl acetate	43	5.110	5.122	-0.012	98	296199	50.0	49.4	
77 Dichlorobromomethane	83	5.213	5.219	-0.006	98	225433	50.0	51.9	
78 2-Nitropropane	41	5.536	5.542	-0.006	99	107738	100.0	96.4	
79 2-Chloroethyl vinyl ether	63	5.549	5.554	-0.005	95	116759	50.1	53.6	
80 Epichlorohydrin	57	5.646	5.658	-0.012	99	365687	1000.0	1020.5	
81 cis-1,3-Dichloropropene	75	5.689	5.689	0.000	97	303785	50.0	53.0	
82 4-Methyl-2-pentanone (MIBK)	58	5.860	5.865	-0.005	98	385116	250.0	253.9	
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	98	450232	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.981	5.981	0.000	92	681804	50.0	50.9	
85 trans-1,3-Dichloropropene	75	6.329	6.335	-0.006	96	265795	50.0	52.4	
86 Ethyl methacrylate	69	6.390	6.390	0.000	95	234641	50.0	51.6	
87 1,1,2-Trichloroethane	83	6.530	6.536	-0.006	93	133696	50.0	51.8	
88 Tetrachloroethene	166	6.555	6.554	0.001	93	139991	50.0	51.7	
89 1,3-Dichloropropane	76	6.725	6.725	0.000	98	271453	50.0	51.4	
90 2-Hexanone	43	6.817	6.829	-0.012	99	673733	250.0	247.5	
92 Chlorodibromomethane	129	6.939	6.944	-0.005	98	141705	50.0	52.0	
91 n-Butyl acetate	43	6.951	6.963	-0.012	97	358464	50.0	49.3	
93 Ethylene Dibromide	107	7.073	7.079	-0.006	99	136718	50.0	51.6	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	90	338787	50.0	50.0	
95 Chlorobenzene	112	7.646	7.646	0.000	89	418045	50.0	51.0	
96 Ethylbenzene	106	7.756	7.761	-0.005	99	221538	50.0	52.0	
97 1,1,1,2-Tetrachloroethane	131	7.768	7.774	-0.006	93	148304	50.0	51.4	
98 m-Xylene & p-Xylene	106	7.914	7.920	-0.006	99	268386	50.0	52.0	
99 o-Xylene	106	8.420	8.420	0.000	92	277967	50.0	51.9	
101 Styrene	104	8.463	8.462	0.001	93	446400	50.0	53.3	
100 n-Butyl acrylate	73	8.463	8.469	-0.006	95	139387	50.0	49.0	
102 Bromoform	173	8.707	8.712	-0.005	93	92340	50.0	51.9	
103 Amyl acetate (mixed isomers)	43	8.774	8.779	-0.005	87	429761	50.0	46.6	
104 Isopropylbenzene	105	8.896	8.895	0.001	97	730312	50.0	52.7	
\$ 105 4-Bromofluorobenzene	174	9.145	9.145	0.000	0	122708	50.0	51.0	
106 Bromobenzene	156	9.298	9.298	0.000	91	164358	50.0	50.1	
107 1,1,2,2-Tetrachloroethane	83	9.408	9.407	0.001	98	218798	50.0	50.0	
108 N-Propylbenzene	91	9.420	9.426	-0.006	98	939583	50.0	52.4	
109 1,2,3-Trichloropropane	110	9.444	9.450	-0.006	95	49467	50.0	51.2	
110 trans-1,4-Dichloro-2-butene	53	9.487	9.493	-0.006	84	61973	50.0	52.5	
111 2-Chlorotoluene	91	9.530	9.529	0.001	97	585200	50.0	51.6	
112 4-Ethyltoluene	105	9.566	9.566	0.000	98	679314	50.0	51.5	
113 1,3,5-Trimethylbenzene	105	9.651	9.651	0.000	92	594771	50.0	51.4	
114 4-Chlorotoluene	91	9.670	9.670	0.000	99	595121	50.0	51.0	
115 Butyl Methacrylate	87	9.816	9.816	0.000	96	219890	50.0	45.5	
116 tert-Butylbenzene	119	9.981	9.987	-0.006	90	471583	50.0	51.1	
117 1,2,4-Trimethylbenzene	105	10.054	10.054	0.000	99	611217	50.0	51.5	
118 sec-Butylbenzene	105	10.218	10.218	0.000	98	785752	50.0	51.1	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	93	301756	50.0	48.8	
120 4-Isopropyltoluene	119	10.377	10.377	0.000	97	626670	50.0	51.4	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.425	0.001	96	166071	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.444	10.444	0.000	91	303883	50.0	48.6	
123 1,2,3-Trimethylbenzene	105	10.481	10.480	0.001	99	631144	50.0	50.0	
124 Benzyl chloride	91	10.603	10.602	0.001	97	341783	50.0	51.8	
125 2,3-Dihydroindene	117	10.657	10.657	0.000	94	580462	50.0	49.9	
126 p-Diethylbenzene	119	10.749	10.749	0.000	91	324454	50.0	50.1	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	374341	50.0	51.2	
128 1,2-Dichlorobenzene	146	10.798	10.797	0.001	93	293834	50.0	49.5	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	603932	50.0	49.3	
130 1,2-Dibromo-3-Chloropropane	157	11.517	11.517	0.000	89	35053	50.0	50.2	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	94	244055	50.0	47.7	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	93	231648	50.0	47.2	
133 Hexachlorobutadiene	225	12.249	12.248	0.001	92	100810	50.0	48.3	
134 Naphthalene	128	12.340	12.340	0.000	98	561281	50.0	48.7	
135 1,2,3-Trichlorobenzene	180	12.523	12.529	-0.006	94	216962	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	102.3	
S 137 Xylenes, Total	100				0		100.0	103.9	
S 139 1,3-Dichloropropene, Total	1				0		100.0	105.4	
S 140 Total BTEX	1				0		250.0	256.6	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

ACROLEIN W_00131	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00144	Amount Added: 50.00	Units: uL	
GASES Li_00442	Amount Added: 50.00	Units: uL	
524freon_00043	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 8

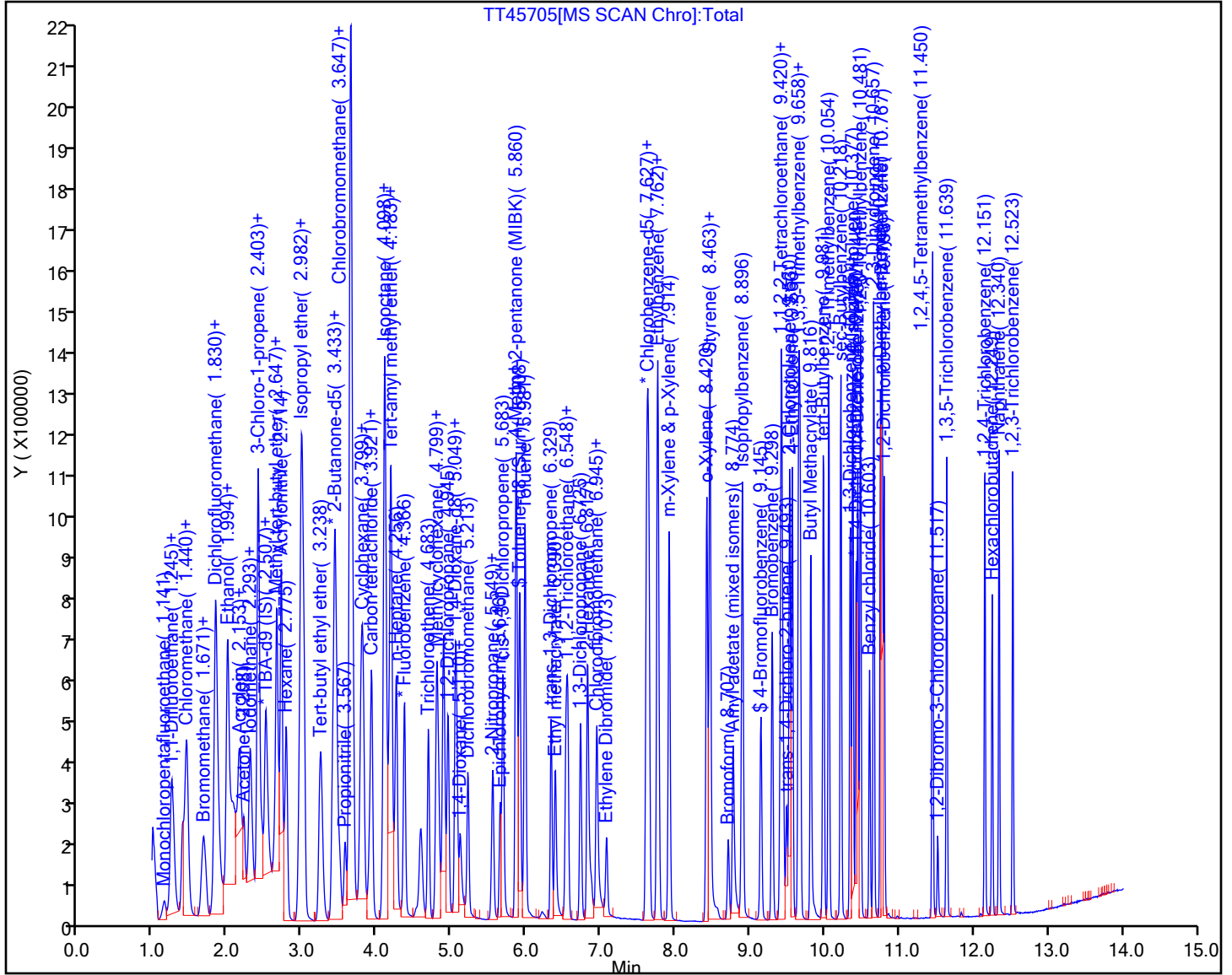
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

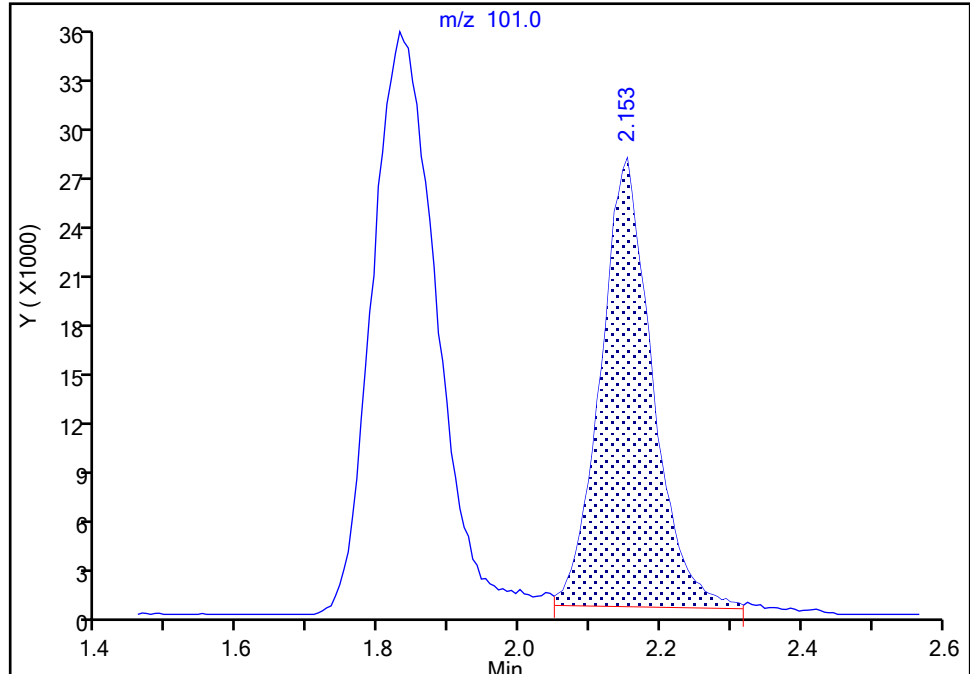
Detector: MS Quad

**12 Trichlorofluoromethane, CAS: 75-69-4**

Signal: 1

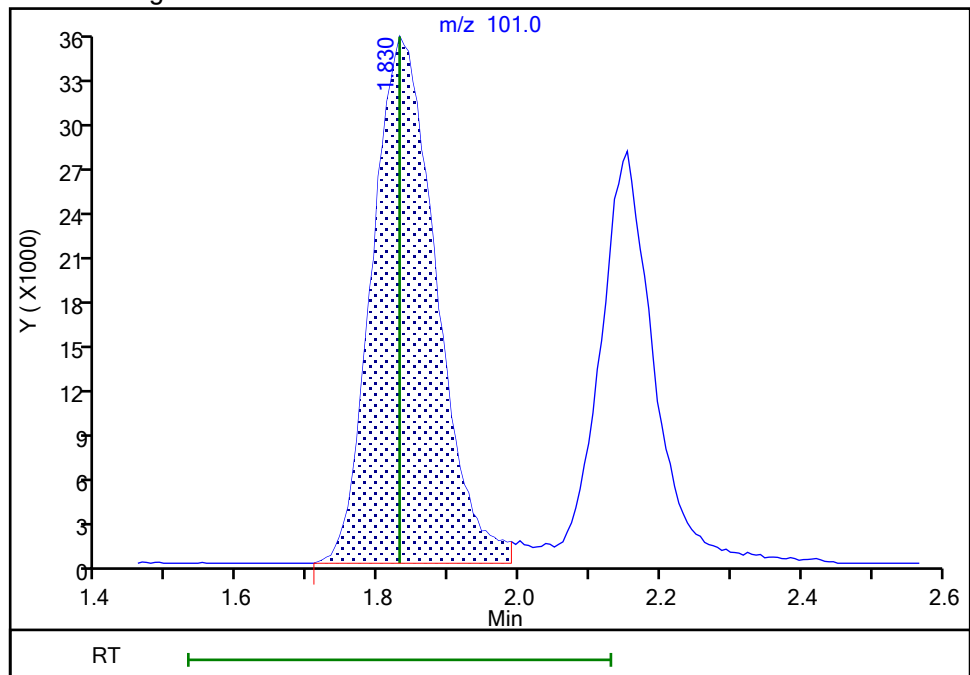
RT: 2.15  
Area: 139642  
Amount: 48.387539  
Amount Units: ug/l

## Processing Integration Results



RT: 1.83  
Area: 224493  
Amount: 53.207869  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:16:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

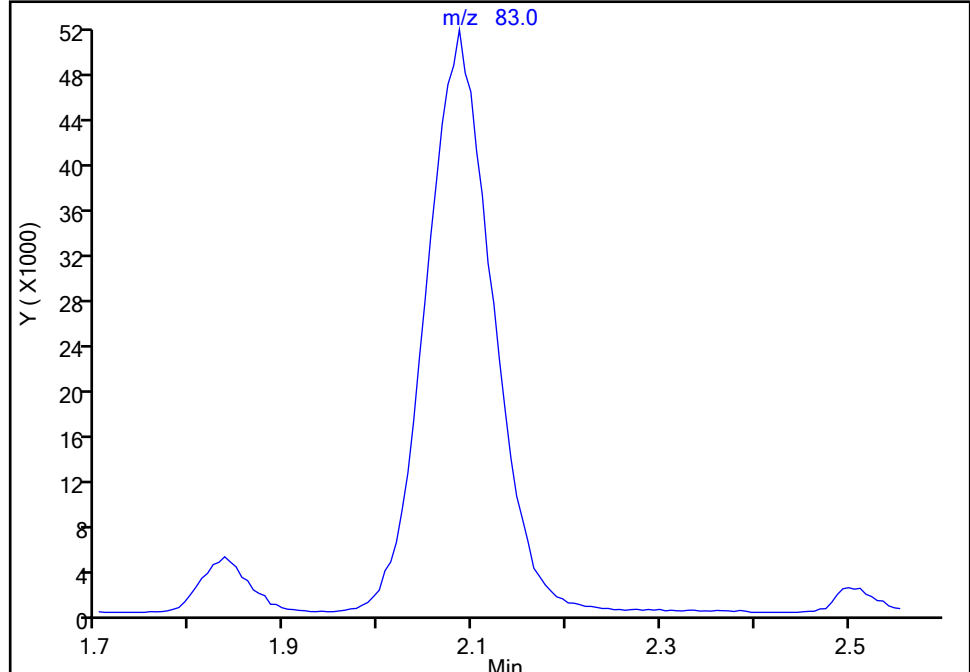
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

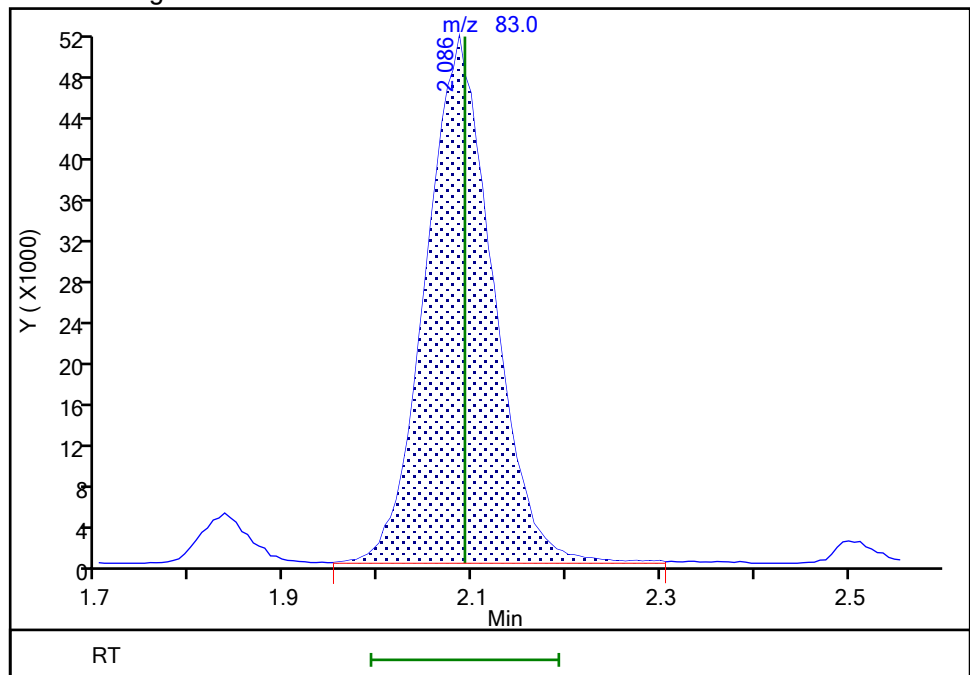
Not Detected

Expected RT: 2.09

## Processing Integration Results



## Manual Integration Results

RT: 2.09  
Area: 254600  
Amount: 50.975268  
Amount Units: ug/l

Reviewer: desais, 12-Oct-2021 09:16:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

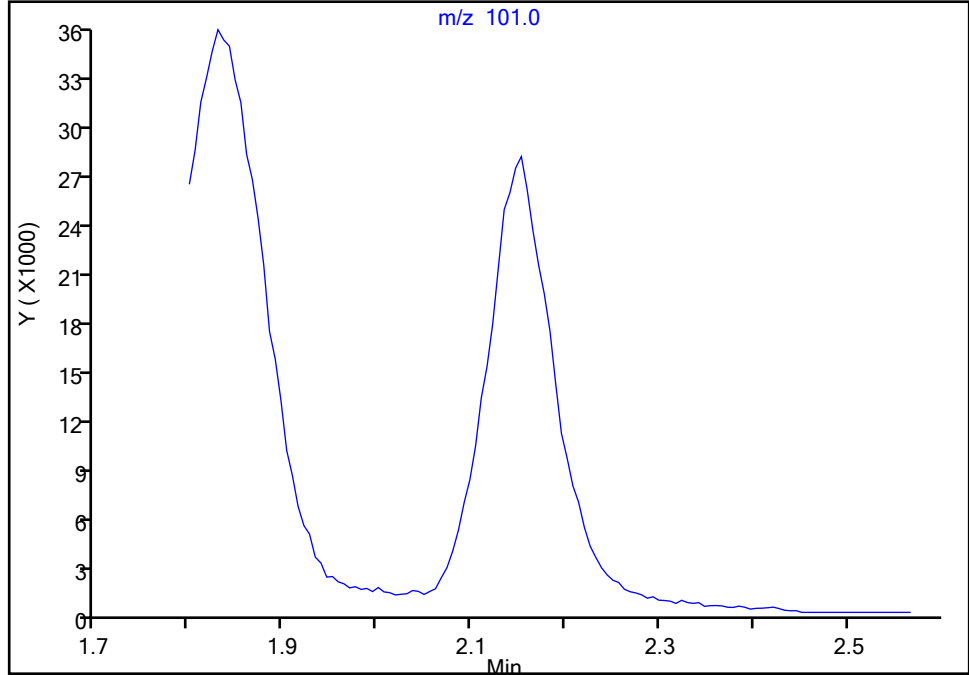
**20 112TCTFE, CAS: 76-13-1**

Signal: 1

Not Detected

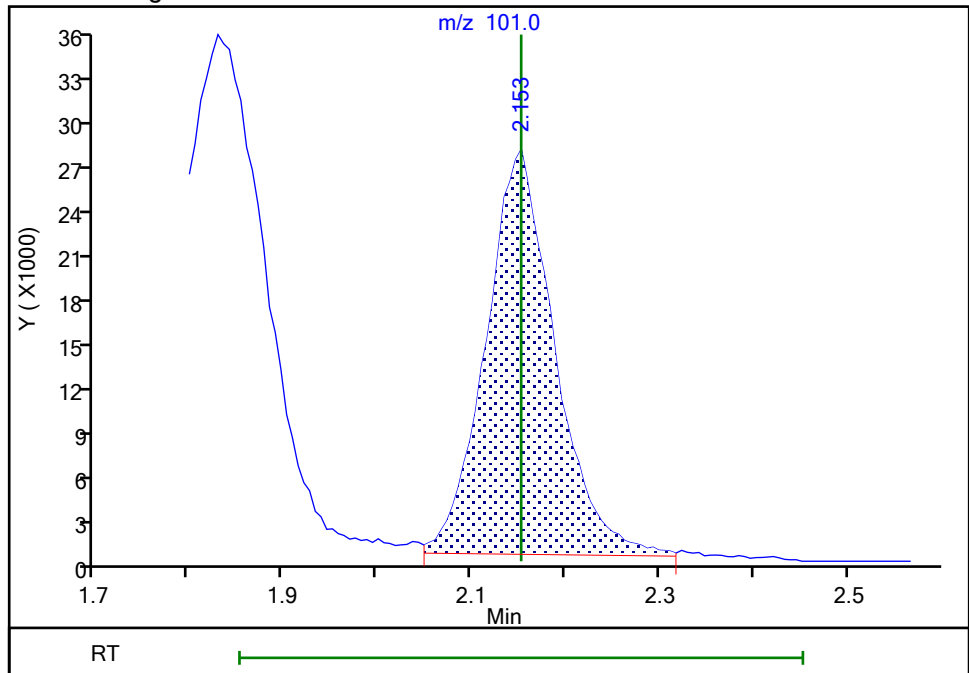
Expected RT: 2.15

## Processing Integration Results



RT: 2.15  
Area: 139642  
Amount: 53.094503  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:16:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

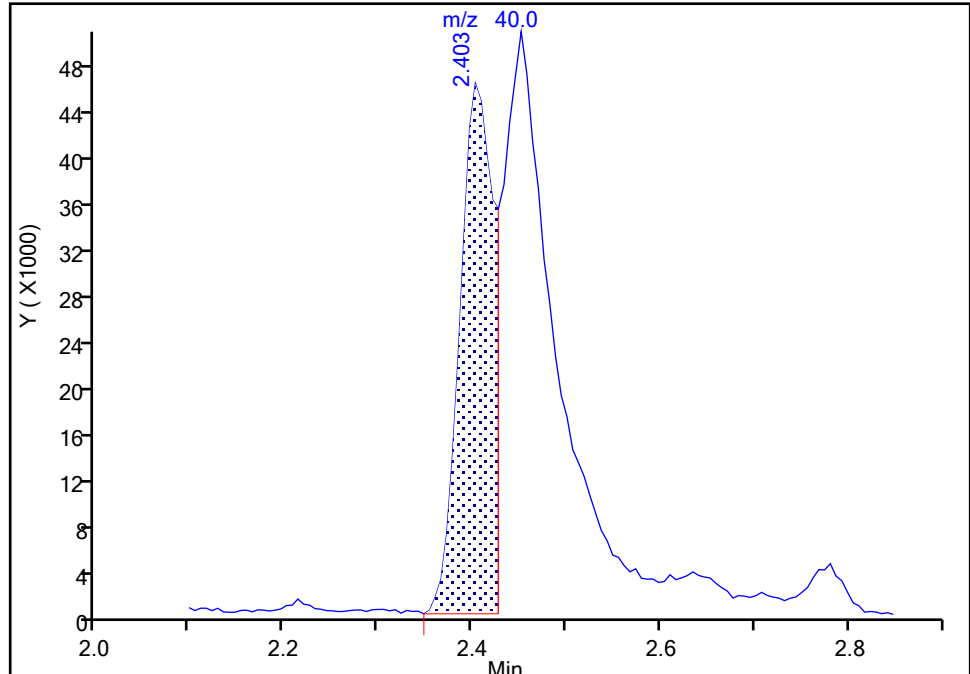
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

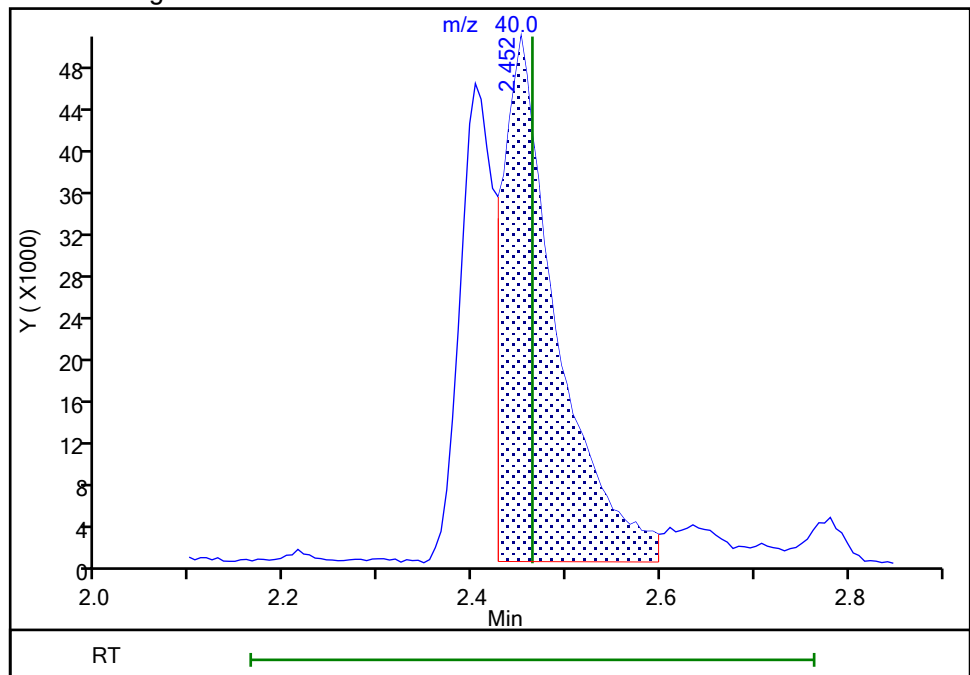
RT: 2.40  
Area: 116803  
Amount: 527.6867  
Amount Units: ug/l

## Processing Integration Results



RT: 2.45  
Area: 200210  
Amount: 519.8353  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:16:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

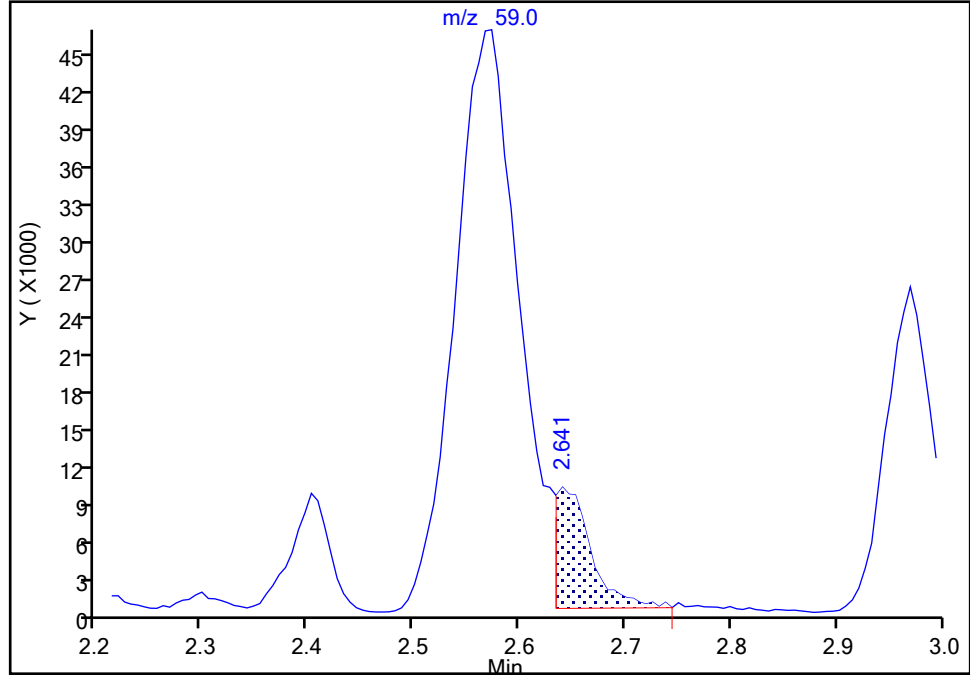
MS Quad

**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

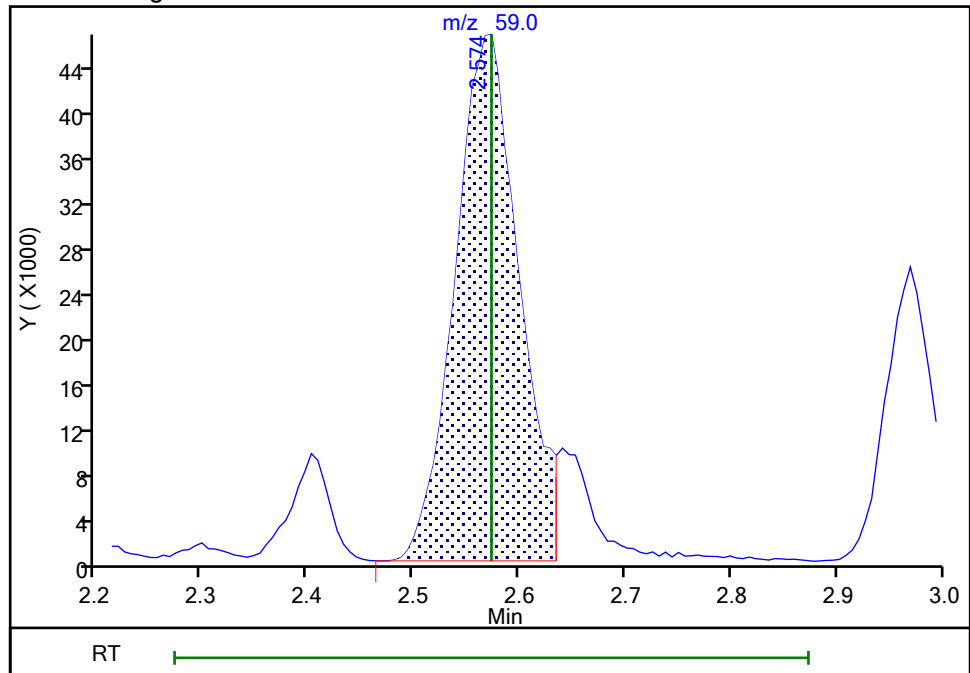
RT: 2.64  
Area: 22630  
Amount: 117.8367  
Amount Units: ug/l

## Processing Integration Results



RT: 2.57  
Area: 195254  
Amount: 433.3089  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:16:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

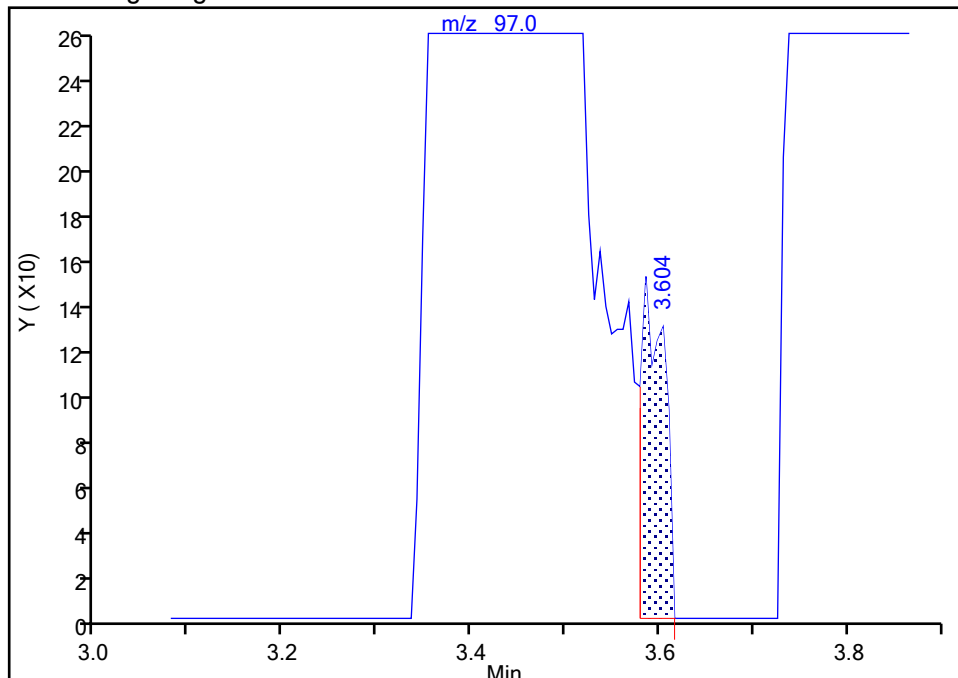
MS Quad

**43 2,2-Dichloropropane, CAS: 594-20-7**

Signal: 1

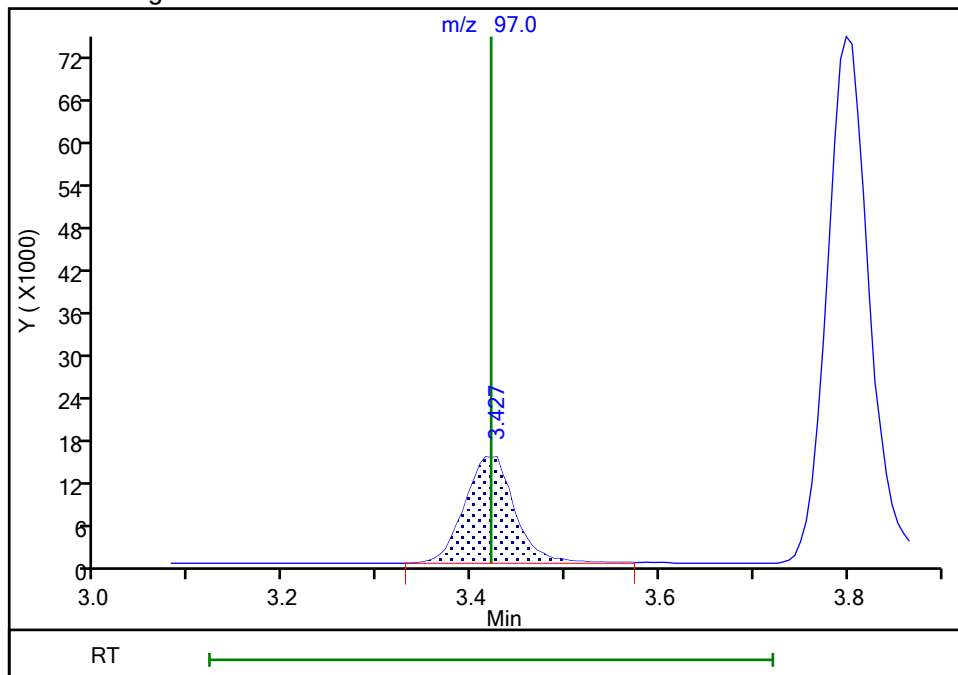
RT: 3.60  
Area: 255  
Amount: 0.326809  
Amount Units: ug/l

## Processing Integration Results



RT: 3.43  
Area: 55528  
Amount: 48.556408  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:16:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

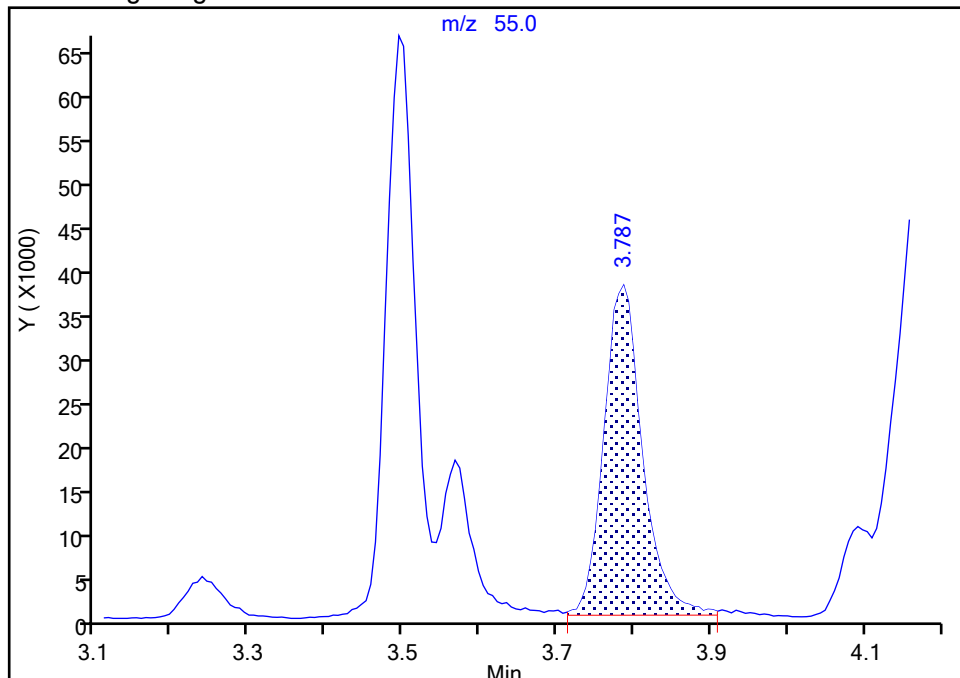
MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

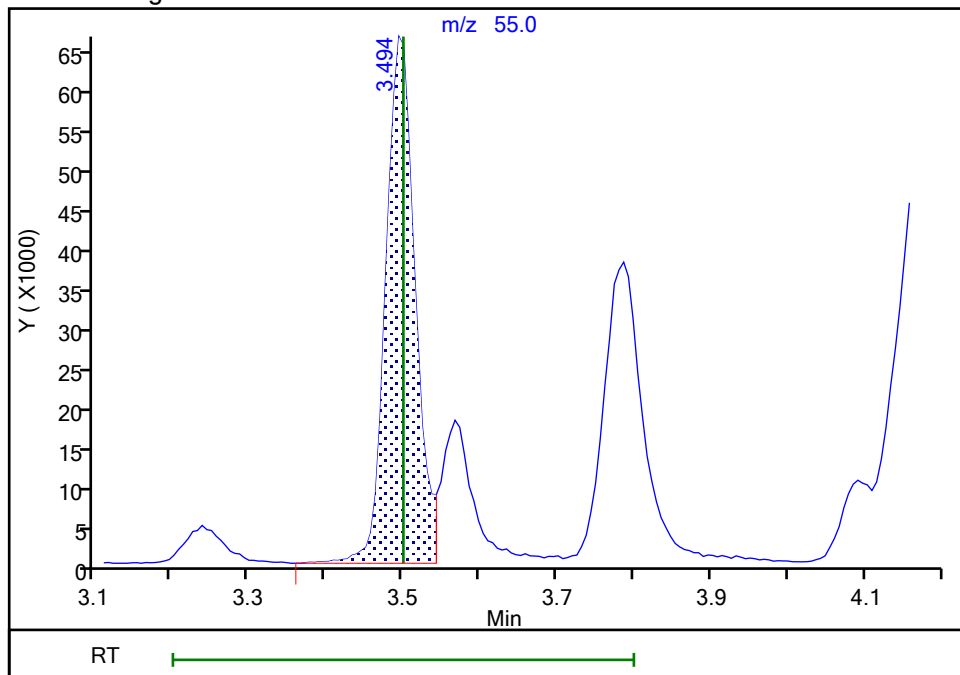
RT: 3.79  
Area: 130911  
Amount: 52.198405  
Amount Units: ug/l

## Processing Integration Results



RT: 3.49  
Area: 176474  
Amount: 52.434571  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:12:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

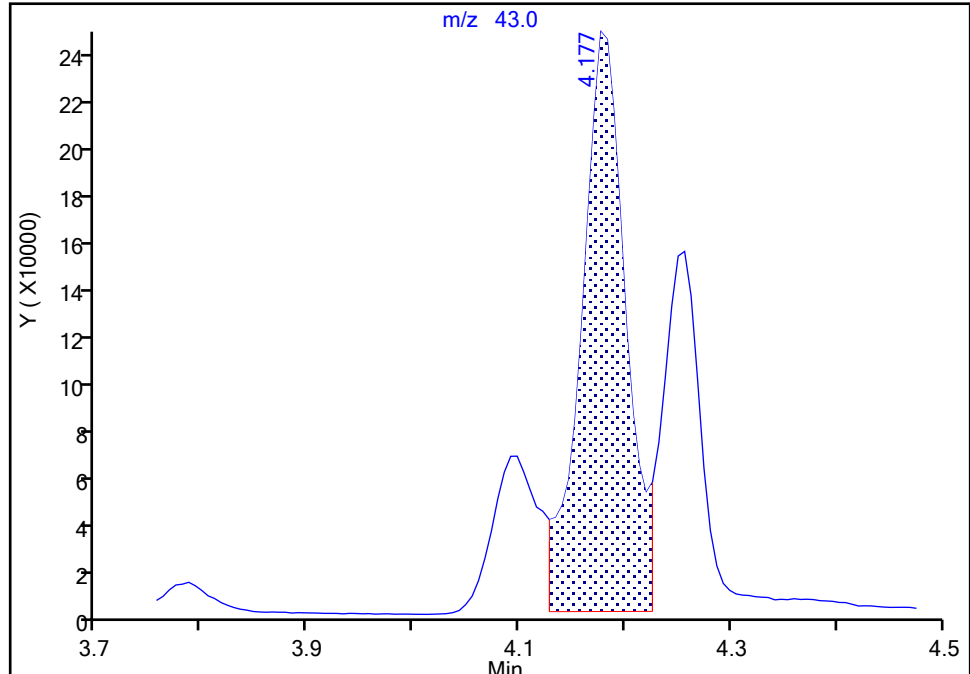
Detector: MS Quad

**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

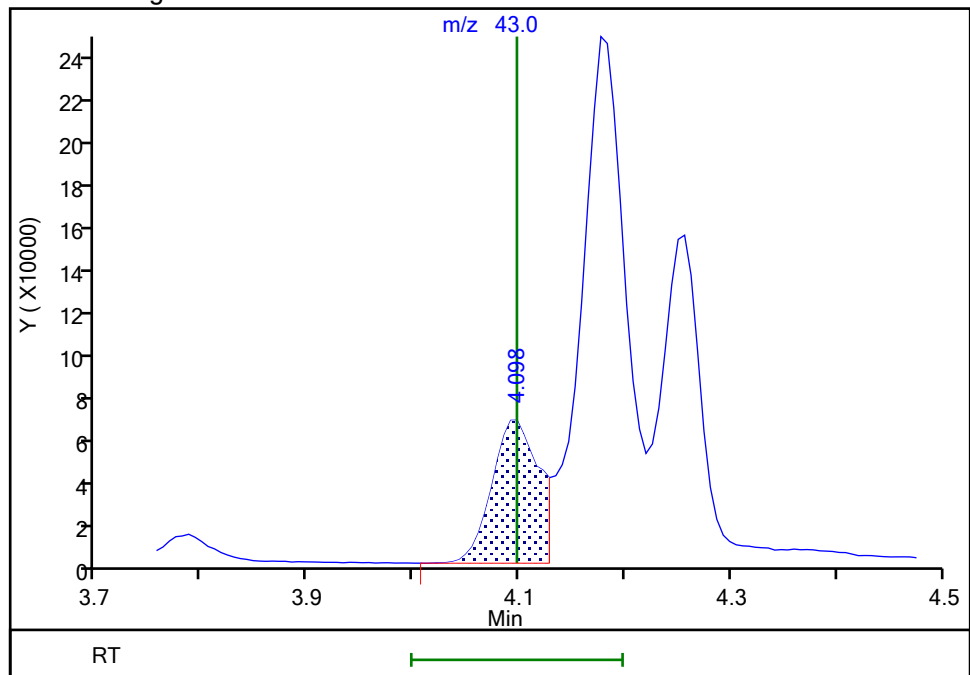
RT: 4.18  
Area: 734304  
Amount: 1385.0411  
Amount Units: ug/l

## Processing Integration Results



RT: 4.10  
Area: 210335  
Amount: 1265.8148  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:11:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

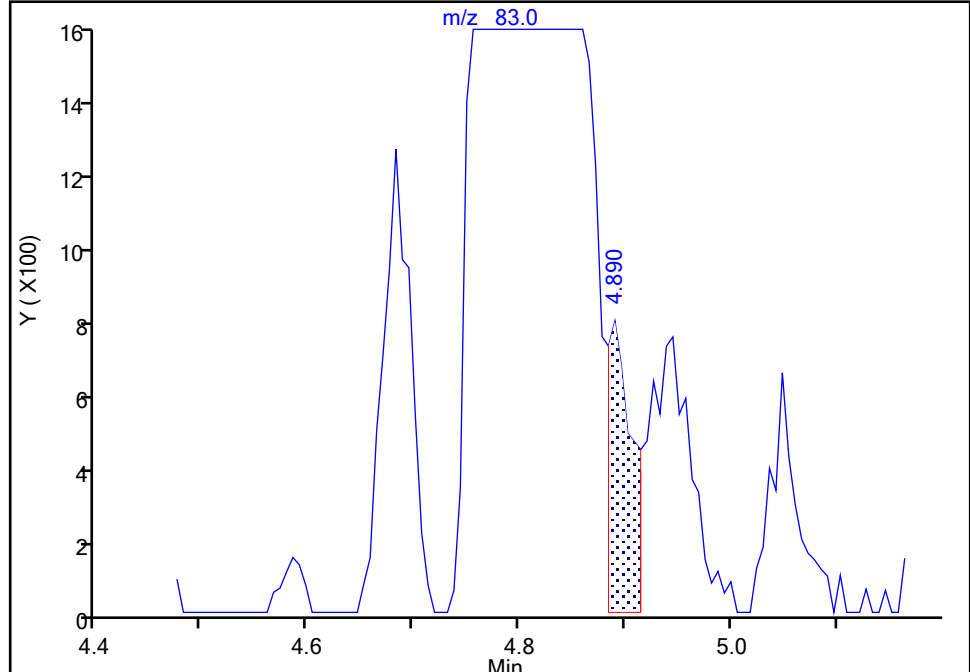
MS Quad

**69 Methylcyclohexane, CAS: 108-87-2**

Signal: 1

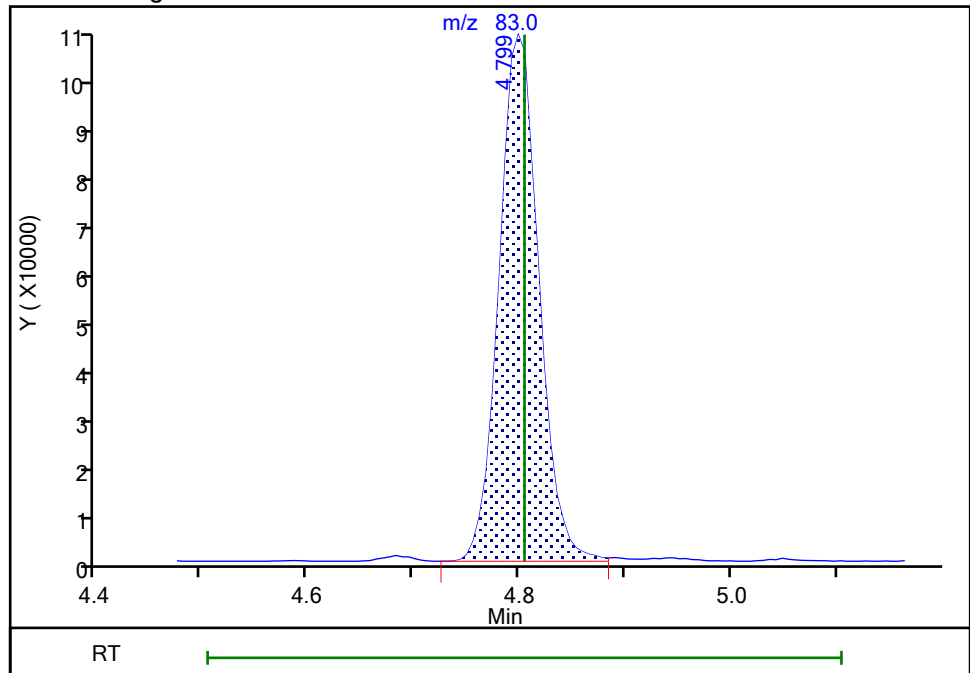
RT: 4.89  
Area: 1246  
Amount: 0.350894  
Amount Units: ug/l

## Processing Integration Results



RT: 4.80  
Area: 283724  
Amount: 54.677131  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:17:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

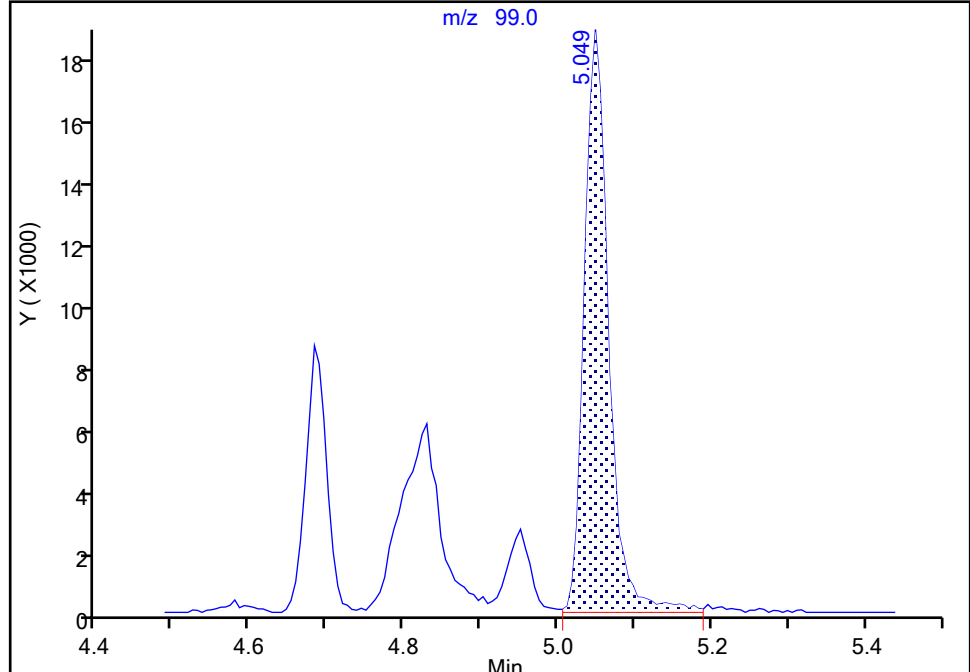
MS Quad

**70 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

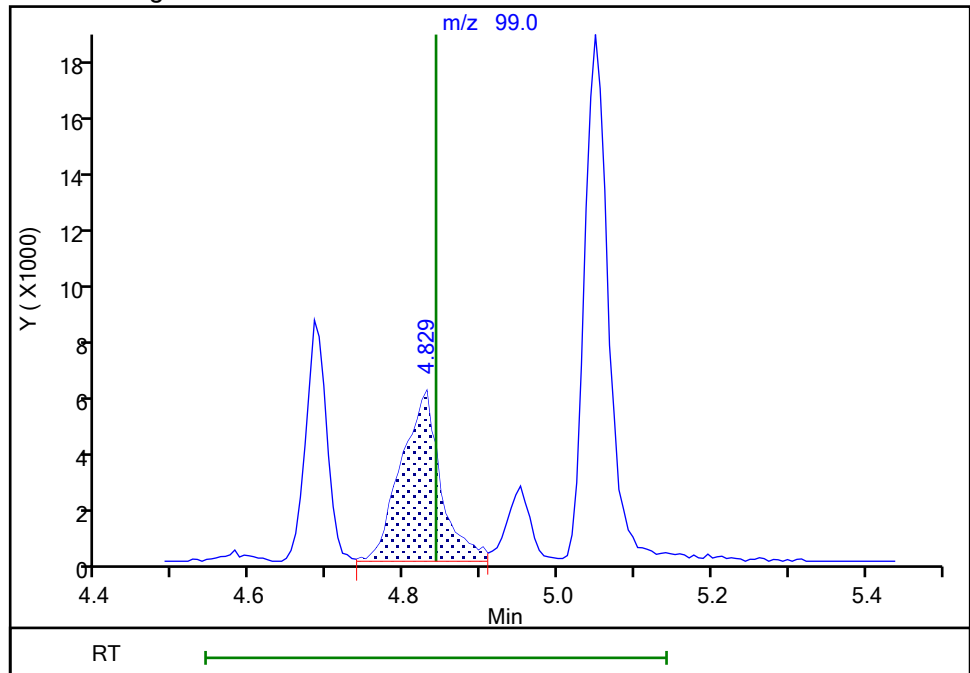
RT: 5.05  
Area: 40958  
Amount: 78.522884  
Amount Units: ug/l

## Processing Integration Results



RT: 4.83  
Area: 21726  
Amount: 56.067690  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 09:17:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45705.D

Injection Date: 12-Oct-2021 08:52:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

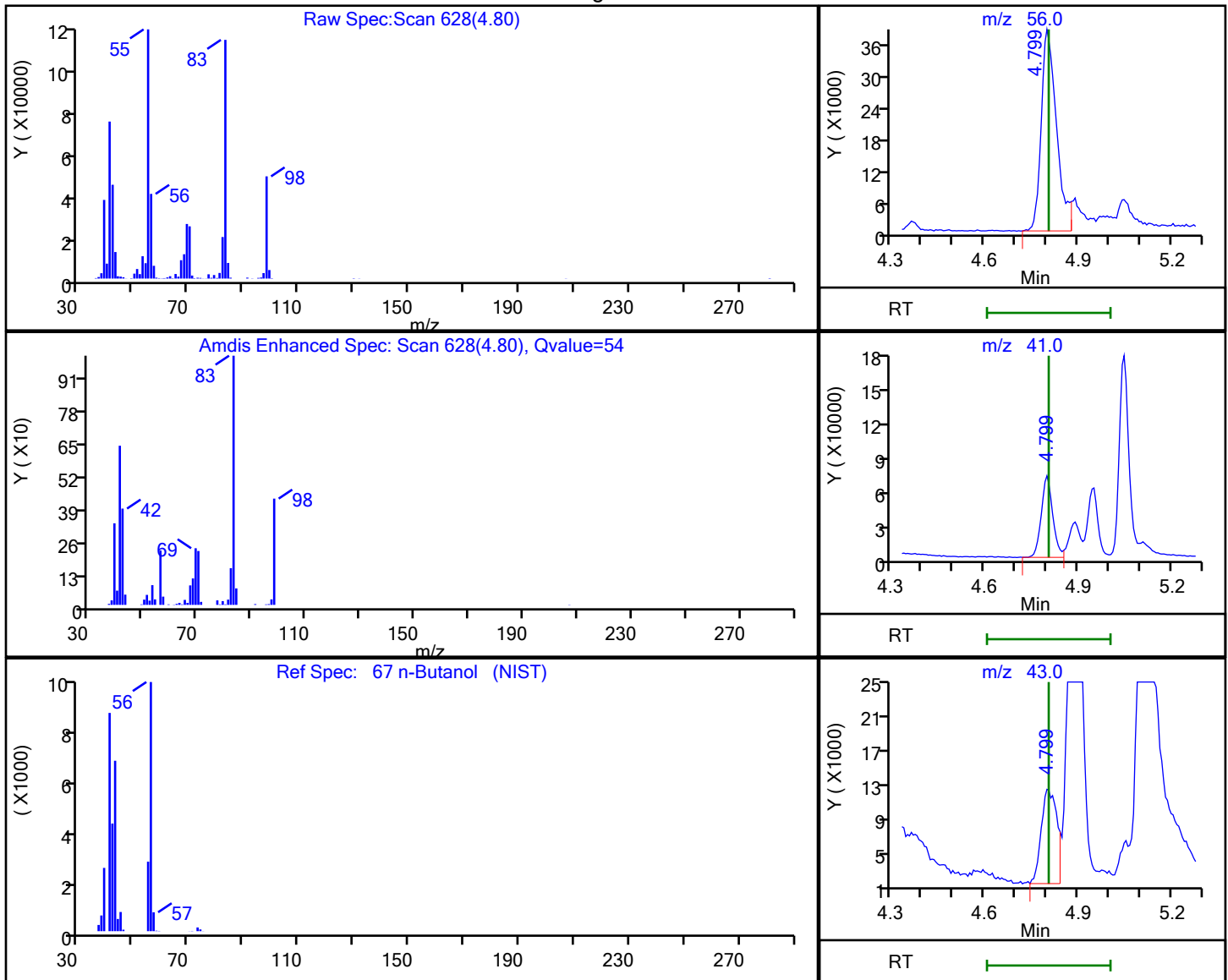
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

## 67 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
4.80	56.00	132763	1194.2936
4.80	41.00	182120	
4.80	43.00	37616	

Reviewer: baronm, 14-Oct-2021 13:11:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D  
 Lims ID: STD200  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 12-Oct-2021 09:12:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD200  
 Misc. Info.: 460-0135876-009  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:01:54 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 09:36:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.129	1.165	-0.036	79	60153	200.0	249.2	a
3 Chlorotrifluoroethene	116	1.202	1.226	-0.024	95	238821	200.0	224.1	
2 1,1-Difluoroethane	65	1.214	1.244	-0.030	91	464557	200.0	221.2	
4 Dichlorodifluoromethane	85	1.226	1.263	-0.037	98	782670	200.0	220.3	
5 Chlorodifluoromethane	67	1.238	1.287	-0.049	99	164198	200.0	212.4	
6 Chloromethane	50	1.360	1.397	-0.037	99	1406661	200.0	217.2	
8 Butadiene	54	1.415	1.439	-0.024	86	995776	200.0	249.8	
7 Vinyl chloride	62	1.415	1.452	-0.037	98	1139177	200.0	235.7	
9 Bromomethane	94	1.635	1.665	-0.030	99	697751	200.0	217.1	
10 Chloroethane	64	1.671	1.695	-0.024	100	635064	200.0	206.3	
12 Trichlorofluoromethane	101	1.818	1.830	-0.012	59	778449	200.0	216.6	
11 Dichlorofluoromethane	67	1.811	1.836	-0.025	98	1403929	200.0	219.9	
13 Pentane	72	1.824	1.842	-0.018	97	201521	400.0	416.4	
14 Ethanol	46	1.970	1.988	-0.018	88	192882	8000.0	8176.7	
15 Ethyl ether	74	1.964	1.988	-0.024	88	359475	200.0	200.6	
16 2-Methyl-1,3-butadiene	53	1.982	2.006	-0.024	97	659298	200.0	212.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.025	2.049	-0.024	92	462020	200.0	202.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.074	2.092	-0.018	97	866951	200.0	203.8	a
19 Acrolein	56	2.104	2.122	-0.018	93	128976	202.8	208.0	
21 1,1-Dichloroethene	96	2.141	2.153	-0.012	92	497576	200.0	196.5	
20 1,1,2,2-Tetrafluoroethane	101	2.128	2.153	-0.025	90	433567	200.0	193.5	a
22 Acetone	43	2.202	2.220	-0.018	85	1224446	1000.0	965.2	
23 Iodomethane	142	2.263	2.281	-0.018	99	848523	200.0	204.7	
24 Carbon disulfide	76	2.287	2.305	-0.018	100	2222120	200.0	192.3	
25 Isopropyl alcohol	45	2.287	2.311	-0.024	36	567548	2000.0	2144.8	a
26 3-Chloro-1-propene	76	2.385	2.403	-0.018	88	430465	200.0	188.1	
27 Methyl acetate	43	2.397	2.415	-0.018	98	1153630	400.0	395.2	
28 Cyclopentene	67	2.397	2.415	-0.018	94	1548191	200.0	205.8	
29 Acetonitrile	41	2.445	2.464	-0.019	94	1026345	2000.0	2389.3	Ma
30 Methylene Chloride	84	2.494	2.512	-0.018	96	650006	200.0	194.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.506	2.519	-0.012	98	39073	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.561	2.573	-0.012	91	742396	2000.0	1987.2	a
33 Methyl tert-butyl ether	73	2.628	2.647	-0.019	98	1706145	200.0	197.4	
34 trans-1,2-Dichloroethene	96	2.641	2.659	-0.018	97	557755	200.0	195.0	
35 Acrylonitrile	53	2.702	2.720	-0.018	94	2805005	2000.0	1967.2	
36 Hexane	57	2.769	2.787	-0.018	95	767557	200.0	174.8	
37 Isopropyl ether	45	2.958	2.976	-0.018	89	2879444	200.0	206.1	
38 1,1-Dichloroethane	63	2.976	2.988	-0.012	98	1242886	200.0	193.1	
39 Vinyl acetate	86	2.988	3.000	-0.012	100	233039	400.0	397.3	
40 2-Chloro-1,3-butadiene	88	3.012	3.025	-0.012	93	525401	200.0	207.2	
41 Tert-butyl ethyl ether	59	3.232	3.244	-0.012	87	2250472	200.0	210.7	
* 42 2-Butanone-d5	46	3.397	3.409	-0.013	96	336346	250.0	250.0	
43 2,2-Dichloropropane	97	3.409	3.421	-0.012	95	183545	200.0	187.0	
44 cis-1,2-Dichloroethene	96	3.421	3.433	-0.012	91	623841	200.0	194.9	
45 2-Butanone (MEK)	72	3.439	3.451	-0.012	95	308181	1000.0	943.9	
46 Ethyl acetate	70	3.445	3.463	-0.018	96	119896	400.0	395.0	
47 Methyl acrylate	55	3.488	3.500	-0.012	97	574161	200.0	200.3	a
48 Propionitrile	54	3.561	3.573	-0.012	98	974508	2000.0	2268.2	
49 Chlorobromomethane	128	3.616	3.628	-0.012	94	279668	200.0	197.7	
50 Tetrahydrofuran	72	3.622	3.640	-0.018	96	147045	400.0	373.9	
51 Methacrylonitrile	67	3.640	3.652	-0.012	96	2430665	2000.0	2082.3	
52 Chloroform	83	3.671	3.677	-0.006	97	932826	200.0	186.6	
53 Cyclohexane	84	3.781	3.787	-0.006	98	725121	200.0	189.1	
54 1,1,1-Trichloroethane	97	3.793	3.805	-0.012	97	746346	200.0	193.7	
\$ 55 Dibromofluoromethane (Surr)	113	3.805	3.817	-0.012	95	97917	50.0	50.2	
56 Carbon tetrachloride	117	3.896	3.908	-0.012	96	603965	200.0	196.8	
57 1,1-Dichloropropene	75	3.921	3.927	-0.006	92	781595	200.0	192.5	
59 Isooctane	57	4.085	4.091	-0.006	99	2344897	200.0	208.5	
58 Isobutyl alcohol	43	4.085	4.097	-0.012	88	953816	5000.0	5427.9	
60 Benzene	78	4.098	4.104	-0.006	98	2285956	200.0	183.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.116	4.122	-0.006	96	136446	50.0	49.1	
62 Tert-amyl methyl ether	73	4.171	4.183	-0.012	90	2107412	200.0	217.3	
64 1,2-Dichloroethane	62	4.183	4.189	-0.006	96	750765	200.0	182.6	
63 Isopropyl acetate	61	4.177	4.189	-0.012	96	341538	200.0	211.6	
65 n-Heptane	100	4.250	4.262	-0.012	98	104413	200.0	177.6	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	389383	50.0	50.0	
68 Trichloroethene	95	4.683	4.689	-0.006	94	530715	200.0	194.8	
69 Methylcyclohexane	83	4.793	4.805	-0.012	90	881887	200.0	199.5	a
67 n-Butanol	56	4.744	4.805	-0.061	22	76048	5000.0	2220.9	M
70 Ethyl acrylate	99	4.817	4.841	-0.024	97	69903	200.0	211.8	a
71 1,2-Dichloropropane	63	4.945	4.951	-0.006	91	671380	200.0	194.1	
73 Methyl methacrylate	100	5.043	5.055	-0.012	95	253131	400.0	399.8	
* 72 1,4-Dioxane-d8	96	5.024	5.055	-0.031	84	22580	1000.0	1000.0	
74 Dibromomethane	93	5.061	5.067	-0.006	93	327882	200.0	188.8	
75 1,4-Dioxane	88	5.067	5.097	-0.030	40	122810	4000.0	3634.1	
76 n-Propyl acetate	43	5.103	5.122	-0.019	99	1053030	200.0	200.7	
77 Dichlorobromomethane	83	5.213	5.219	-0.006	98	737926	200.0	199.3	
78 2-Nitropropane	41	5.536	5.542	-0.006	99	374707	400.0	393.6	
79 2-Chloroethyl vinyl ether	63	5.549	5.554	-0.005	96	403552	200.5	217.4	
80 Epichlorohydrin	57	5.640	5.658	-0.018	100	1294758	4000.0	3995.9	
81 cis-1,3-Dichloropropene	75	5.683	5.689	-0.006	96	978476	200.0	196.0	
82 4-Methyl-2-pentanone (MIBK)	58	5.859	5.865	-0.006	98	1399753	1000.0	1046.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	98	368225	50.0	47.4	
84 Toluene	91	5.981	5.981	0.000	92	2132343	200.0	182.8	
85 trans-1,3-Dichloropropene	75	6.329	6.335	-0.006	97	857841	200.0	194.2	
86 Ethyl methacrylate	69	6.384	6.390	-0.006	95	799654	200.0	199.8	
87 1,1,2-Trichloroethane	83	6.530	6.536	-0.006	94	423999	200.0	188.6	
88 Tetrachloroethene	166	6.554	6.554	0.000	94	441798	200.0	187.4	
89 1,3-Dichloropropane	76	6.725	6.725	0.000	99	861553	200.0	187.1	
90 2-Hexanone	43	6.817	6.829	-0.012	99	2429760	1000.0	1003.3	
92 Chlorodibromomethane	129	6.939	6.944	-0.006	96	460299	200.0	194.0	
91 n-Butyl acetate	43	6.945	6.963	-0.018	97	1250750	200.0	200.1	
93 Ethylene Dibromide	107	7.073	7.079	-0.006	98	433817	200.0	187.9	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	91	295130	50.0	50.0	
95 Chlorobenzene	112	7.640	7.646	-0.006	89	1349214	200.0	188.9	
96 Ethylbenzene	106	7.755	7.761	-0.006	99	718498	200.0	193.5	
97 1,1,1,2-Tetrachloroethane	131	7.768	7.774	-0.006	94	507274	200.0	201.8	
98 m-Xylene & p-Xylene	106	7.914	7.920	-0.006	98	869021	200.0	193.4	
99 o-Xylene	106	8.420	8.420	0.000	92	938943	200.0	201.3	
101 Styrene	104	8.463	8.462	0.001	92	1484090	200.0	203.6	
100 n-Butyl acrylate	73	8.457	8.469	-0.013	96	495523	200.0	200.7	
102 Bromoform	173	8.706	8.712	-0.006	94	307954	200.0	198.6	
103 Amyl acetate (mixed isomers)	43	8.767	8.779	-0.012	86	1545539	200.0	201.9	
104 Isopropylbenzene	105	8.895	8.895	0.000	97	2418643	200.0	200.3	
\$ 105 4-Bromofluorobenzene	174	9.145	9.145	0.000	0	103757	50.0	49.5	
106 Bromobenzene	156	9.298	9.298	0.000	92	535371	200.0	202.6	
107 1,1,2,2-Tetrachloroethane	83	9.408	9.407	0.001	98	715600	200.0	203.1	
108 N-Propylbenzene	91	9.420	9.426	-0.006	98	3002303	200.0	208.1	
109 1,2,3-Trichloropropane	110	9.444	9.450	-0.006	96	155168	200.0	199.6	
110 trans-1,4-Dichloro-2-butene	53	9.487	9.493	-0.006	86	195135	200.0	205.3	
111 2-Chlorotoluene	91	9.529	9.529	0.000	97	1819386	200.0	199.5	
112 4-Ethyltoluene	105	9.566	9.566	0.000	98	2234273	200.0	210.3	
113 1,3,5-Trimethylbenzene	105	9.651	9.651	0.000	92	1947421	200.0	209.1	
114 4-Chlorotoluene	91	9.670	9.670	0.000	99	1814411	200.0	193.0	
115 Butyl Methacrylate	87	9.816	9.816	0.000	95	810062	200.0	202.0	
116 tert-Butylbenzene	119	9.987	9.987	0.000	91	1619979	200.0	218.1	
117 1,2,4-Trimethylbenzene	105	10.054	10.054	0.000	99	1987592	200.0	208.2	
118 sec-Butylbenzene	105	10.218	10.218	0.000	98	2636552	200.0	213.1	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	93	974310	200.0	195.7	
120 4-Isopropyltoluene	119	10.377	10.377	0.000	97	2073374	200.0	211.4	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.425	0.001	97	133679	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.444	10.444	0.000	91	943610	200.0	187.6	
123 1,2,3-Trimethylbenzene	105	10.480	10.480	0.000	99	2165956	200.0	213.3	
124 Benzyl chloride	91	10.602	10.602	0.000	97	1173916	200.0	221.2	
125 2,3-Dihydroindene	117	10.657	10.657	0.000	94	1980826	200.0	211.7	
126 p-Diethylbenzene	119	10.749	10.749	0.000	91	1122676	200.0	215.2	
127 n-Butylbenzene	92	10.773	10.773	0.000	98	1174324	200.0	199.5	
128 1,2-Dichlorobenzene	146	10.798	10.797	0.001	93	910344	200.0	190.6	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	97	2282858	200.0	231.5	
130 1,2-Dibromo-3-Chloropropane	157	11.517	11.517	0.000	91	119772	200.0	213.2	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	95	856230	200.0	208.1	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	93	799349	200.0	202.2	
133 Hexachlorobutadiene	225	12.248	12.248	0.000	92	344592	200.0	205.1	
134 Naphthalene	128	12.340	12.340	0.000	98	1894833	200.0	204.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.523	12.529	-0.006	94	731782	200.0	199.4	
S 136 1,2-Dichloroethene, Total	100				0		400.0	389.9	
S 137 Xylenes, Total	100				0		400.0	394.6	
S 139 1,3-Dichloropropene, Total	1				0		400.0	390.2	
S 140 Total BTEX	1				0		1000.0	954.7	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

ACROLEIN W_00131	Amount Added: 20.00	Units: uL	
GAS Hi_00398	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00116	Amount Added: 20.00	Units: uL	
MIX I Hi_00143	Amount Added: 20.00	Units: uL	
Ethanol mix_00057	Amount Added: 20.00	Units: uL	
8FreonHi_00037	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

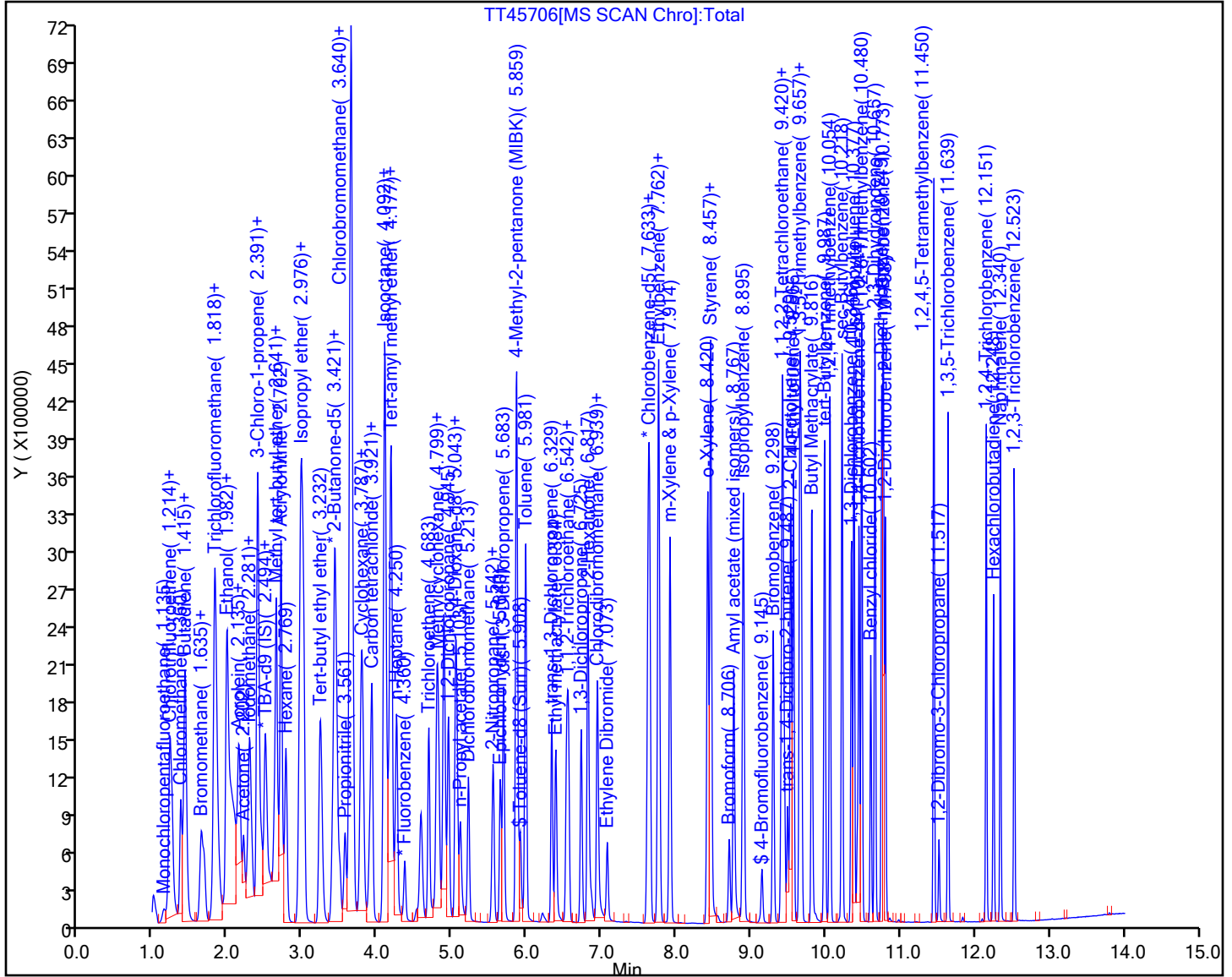
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

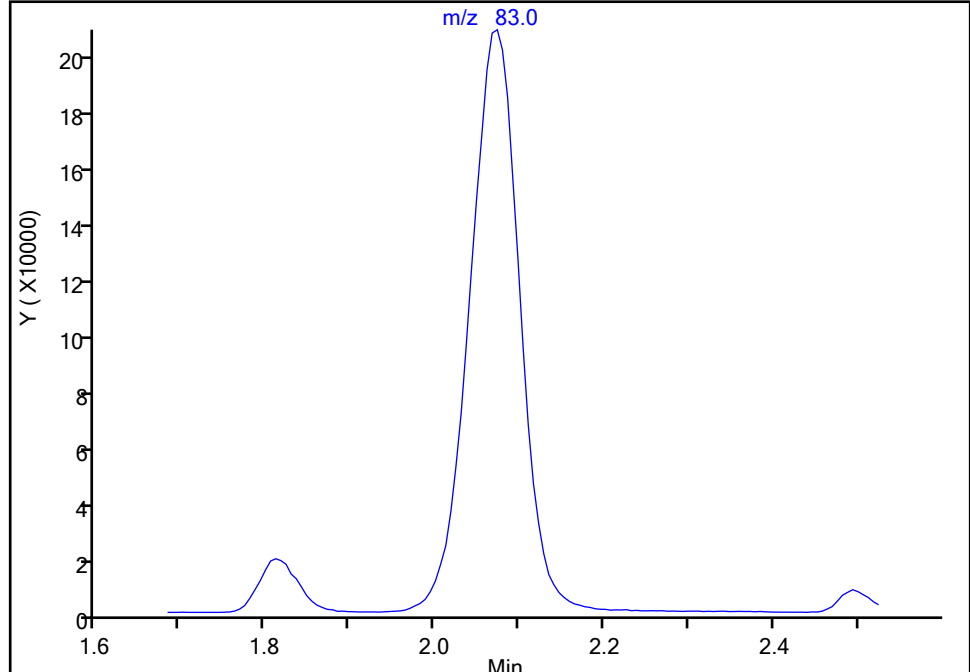
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

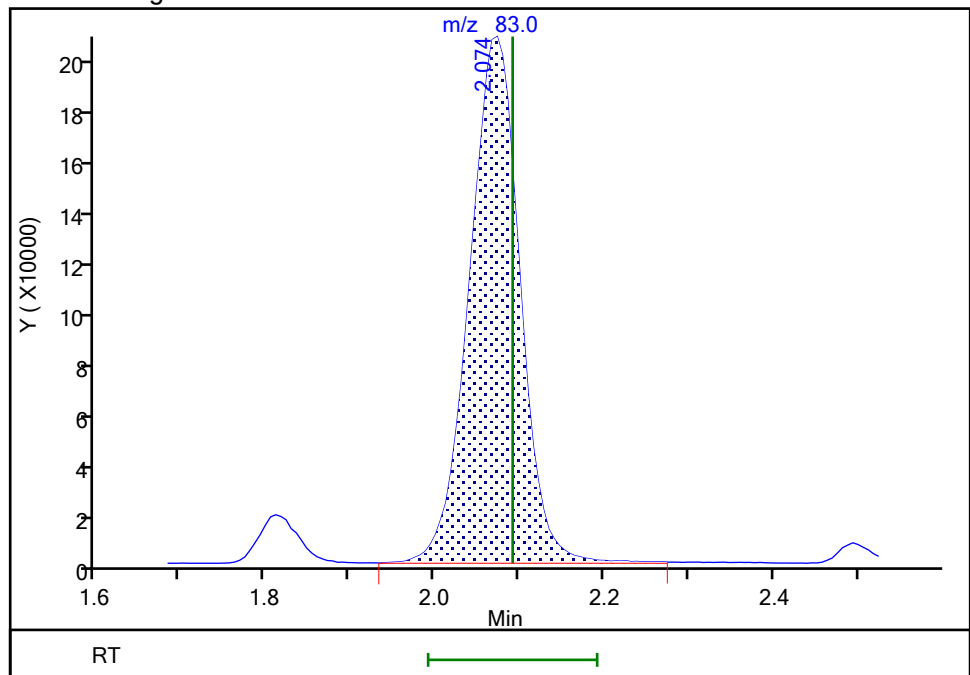
Expected RT: 2.09

## Processing Integration Results



RT: 2.07  
Area: 866951  
Amount: 203.7781  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:17:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

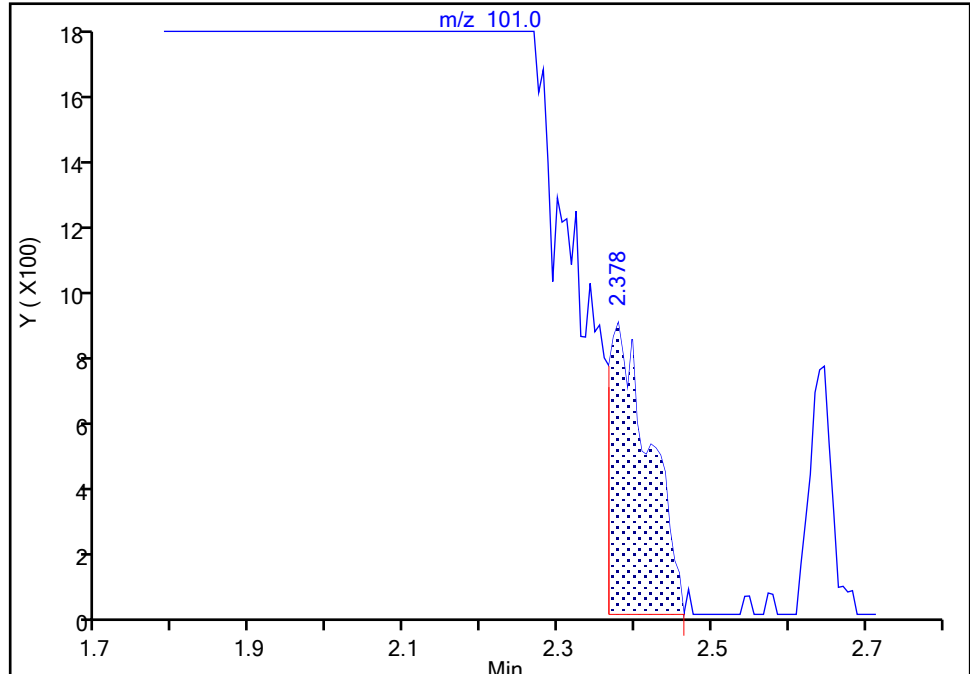
Detector: MS Quad

**20 112TCTFE, CAS: 76-13-1**

Signal: 1

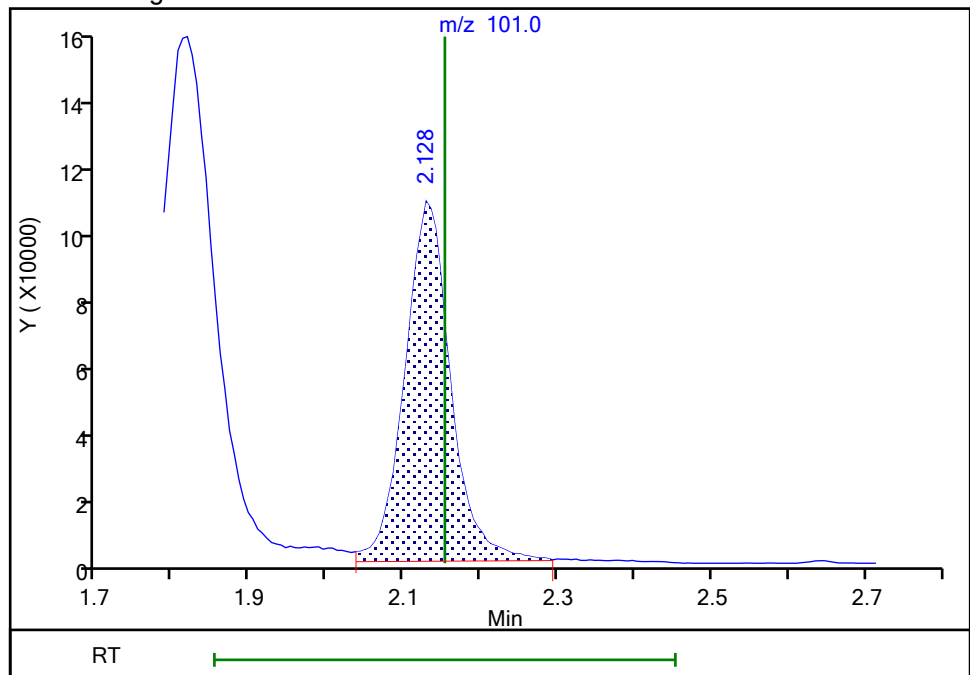
RT: 2.38  
Area: 3187  
Amount: 1.694073  
Amount Units: ug/l

## Processing Integration Results



RT: 2.13  
Area: 433567  
Amount: 193.5314  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:17:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

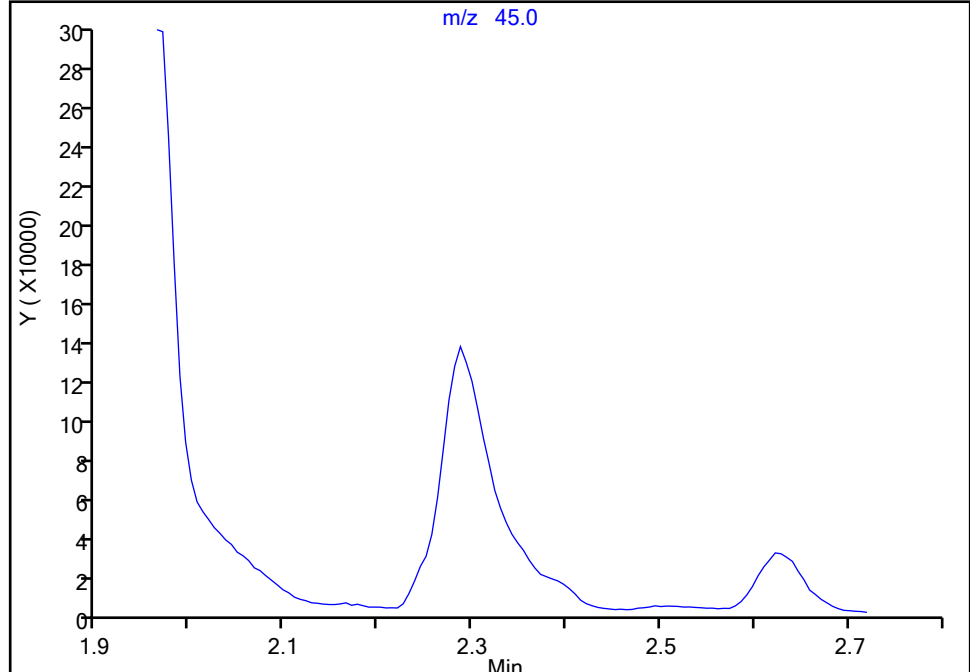
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

Not Detected

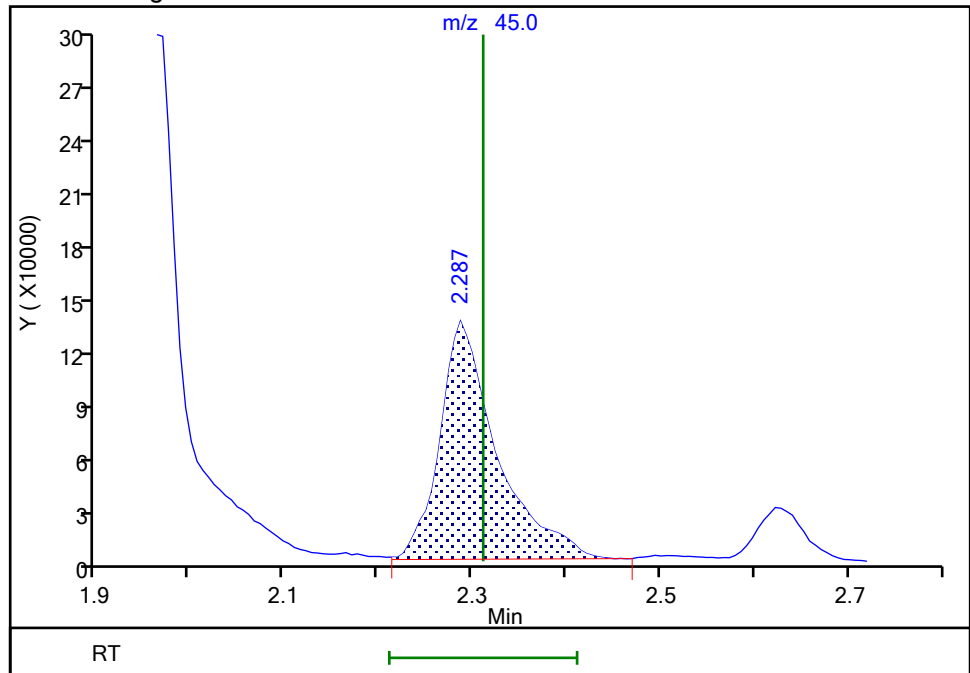
Expected RT: 2.31

## Processing Integration Results



RT: 2.29  
Area: 567548  
Amount: 2144.7846  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:17:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

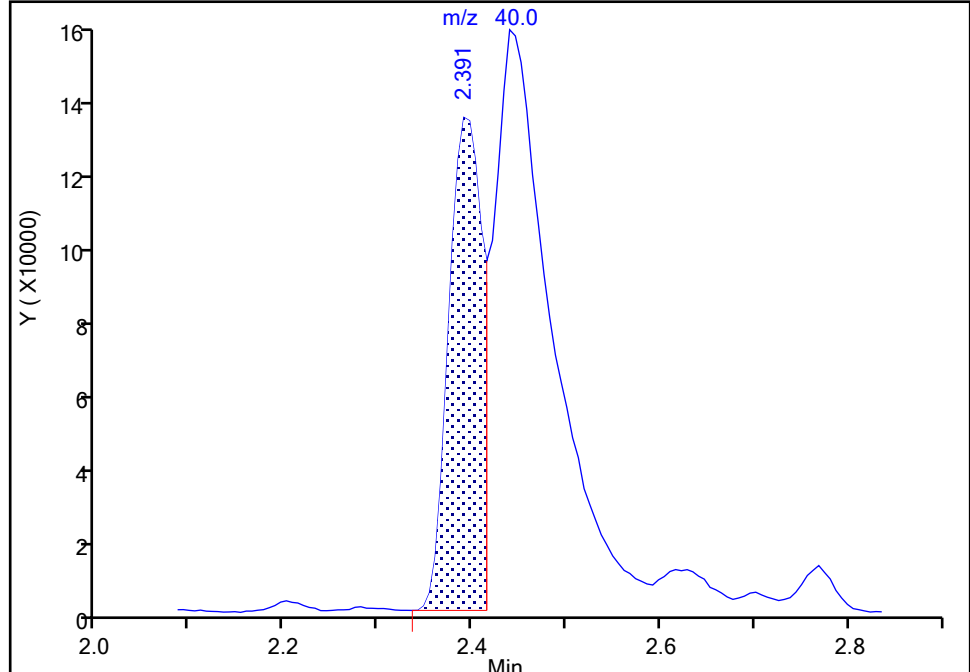
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

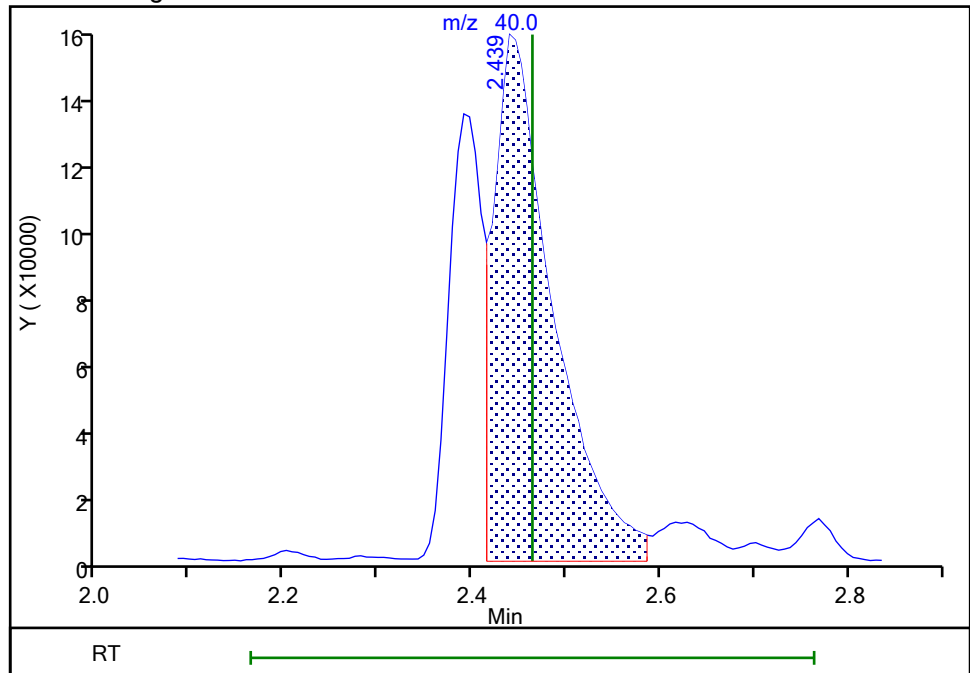
RT: 2.39  
Area: 336521  
Amount: 3376.6626  
Amount Units: ug/l

## Processing Integration Results



RT: 2.44  
Area: 698760  
Amount: 2389.3380  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:17:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

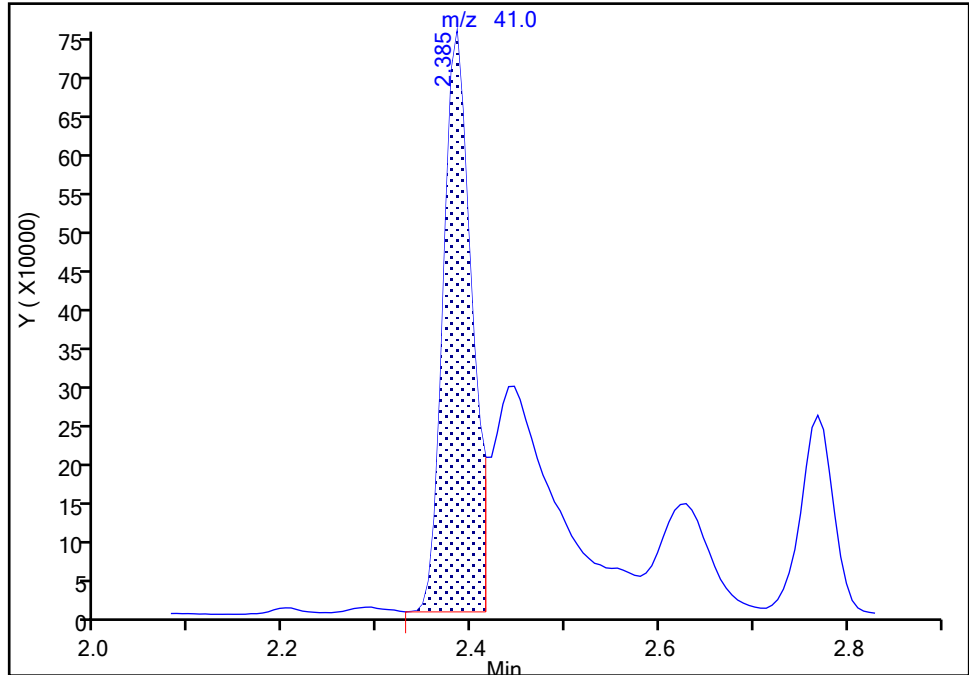
MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 2

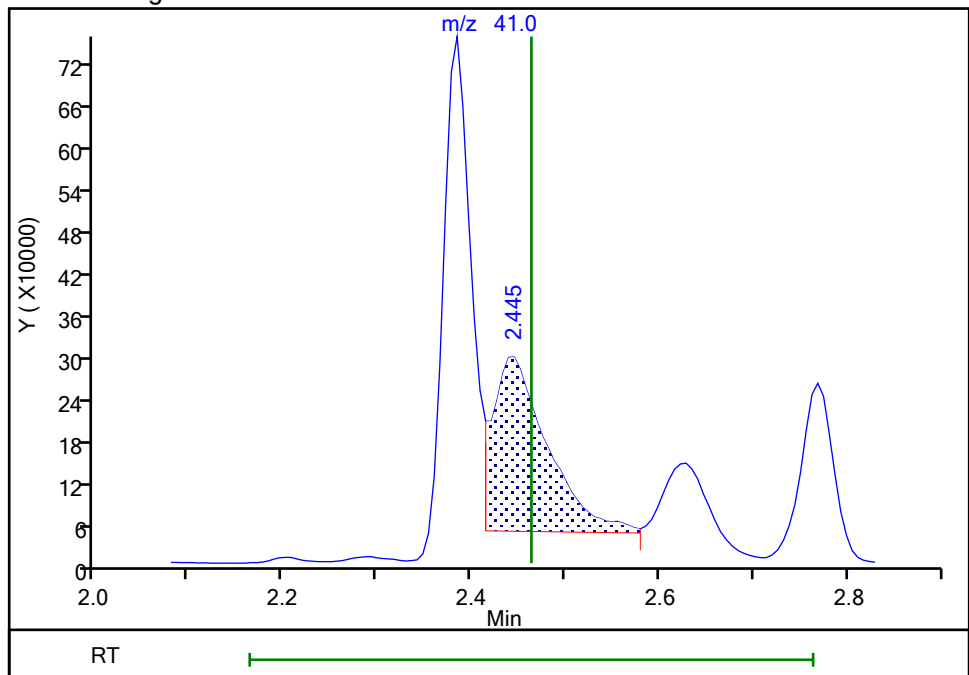
RT: 2.38  
Area: 1587814  
Amount: 3376.6626  
Amount Units: ug/l

## Processing Integration Results



RT: 2.45  
Area: 1026345  
Amount: 2389.3380  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:49:12

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

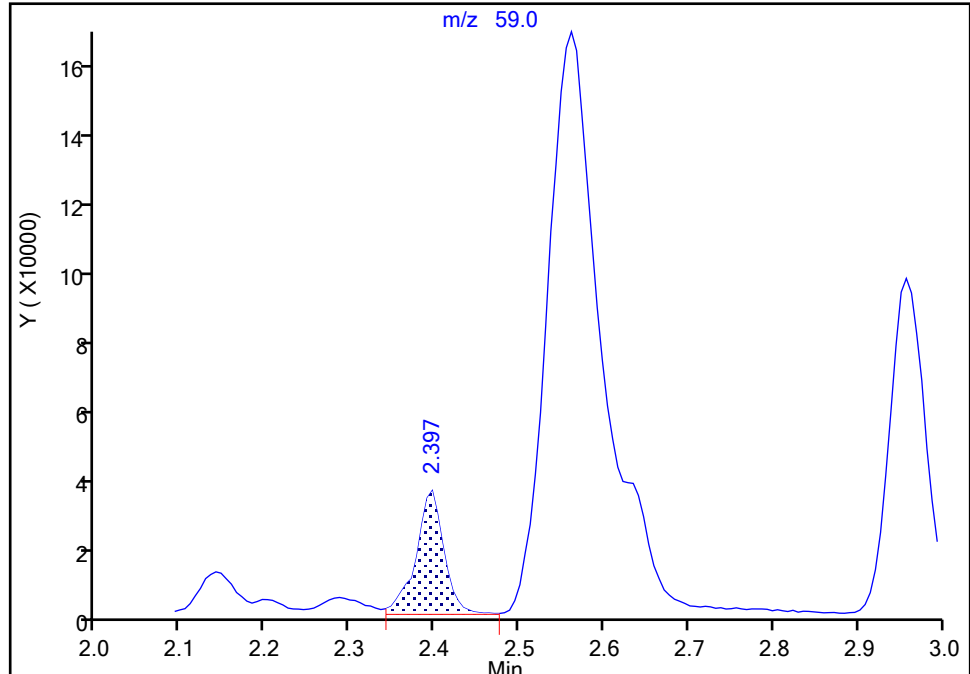
MS Quad

**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

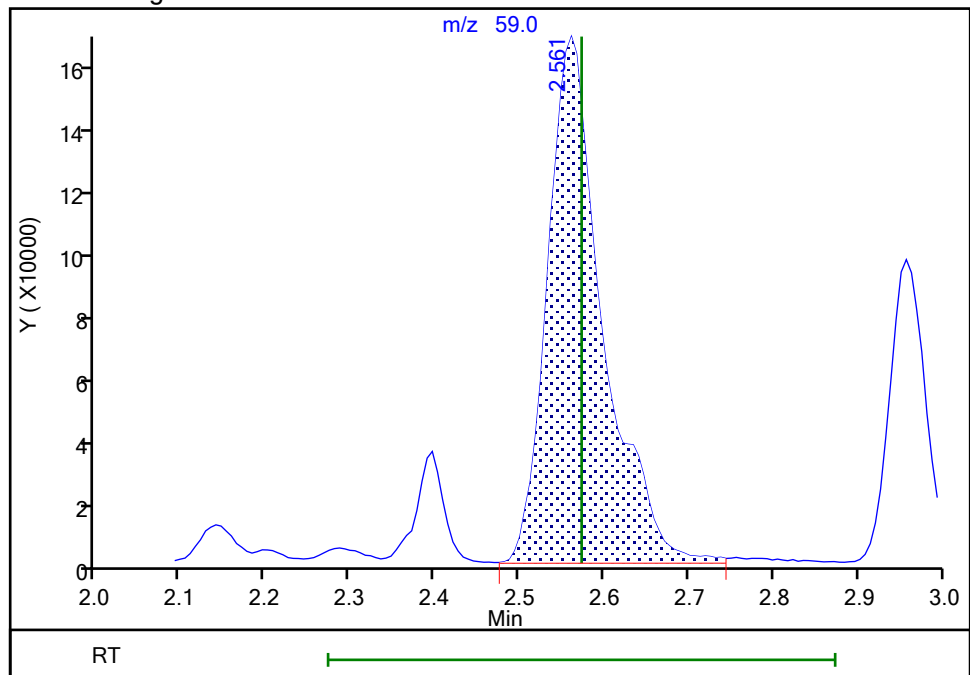
RT: 2.40  
Area: 80261  
Amount: 252.0694  
Amount Units: ug/l

## Processing Integration Results



RT: 2.56  
Area: 742396  
Amount: 1987.2145  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:17:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

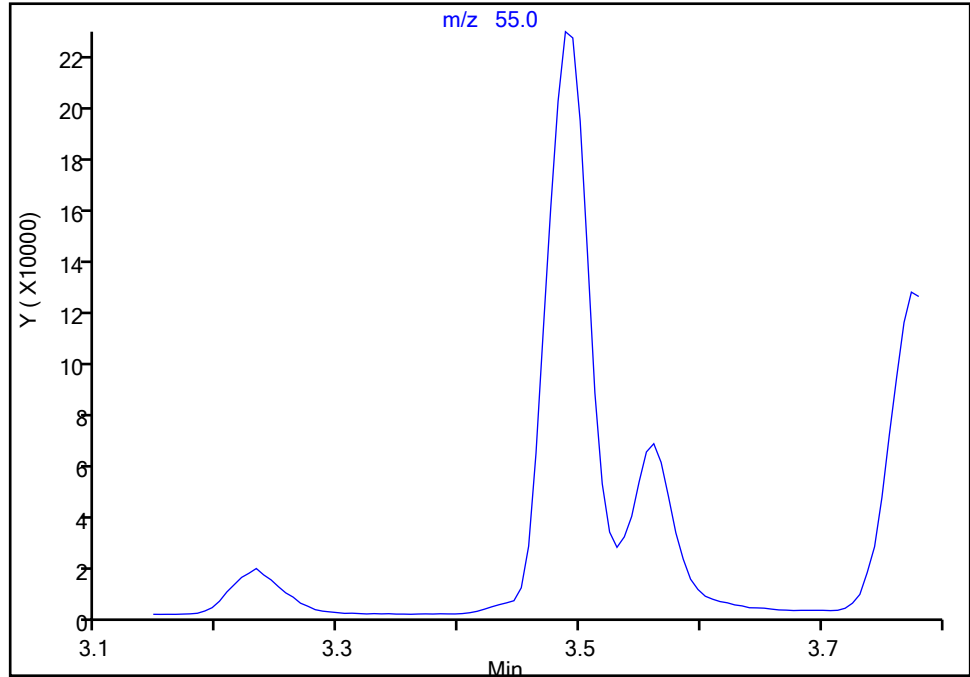
**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

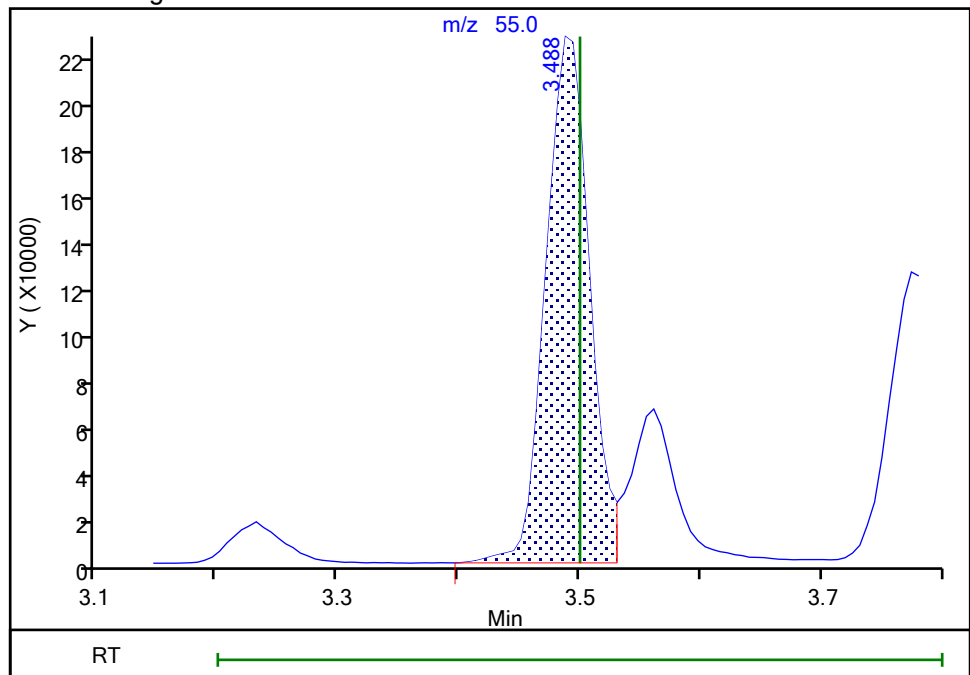
Not Detected

Expected RT: 3.50

## Processing Integration Results



## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:18:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

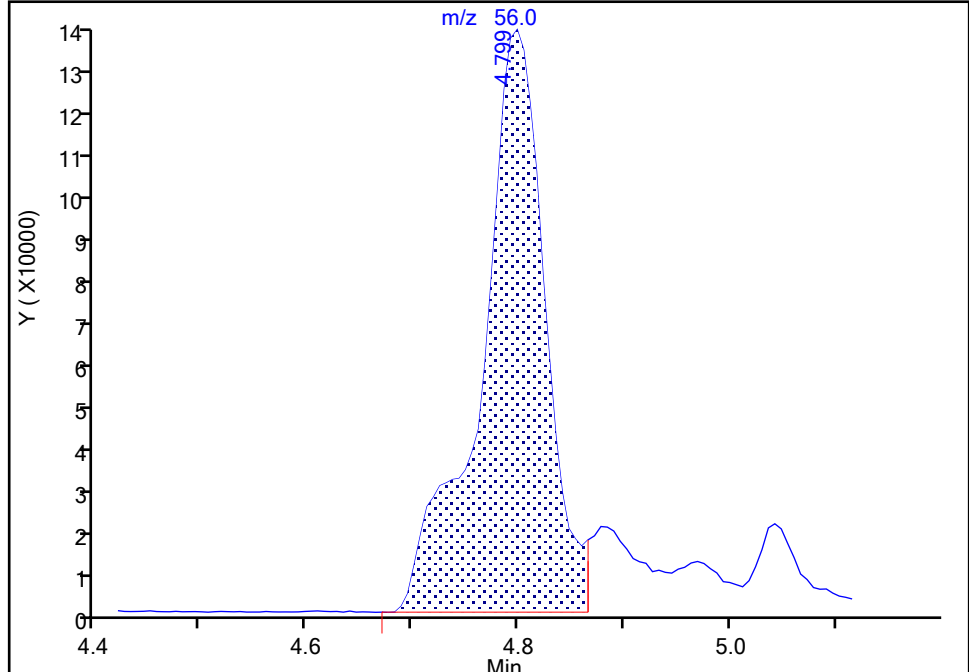
Detector: MS Quad

**67 n-Butanol, CAS: 71-36-3**

Signal: 1

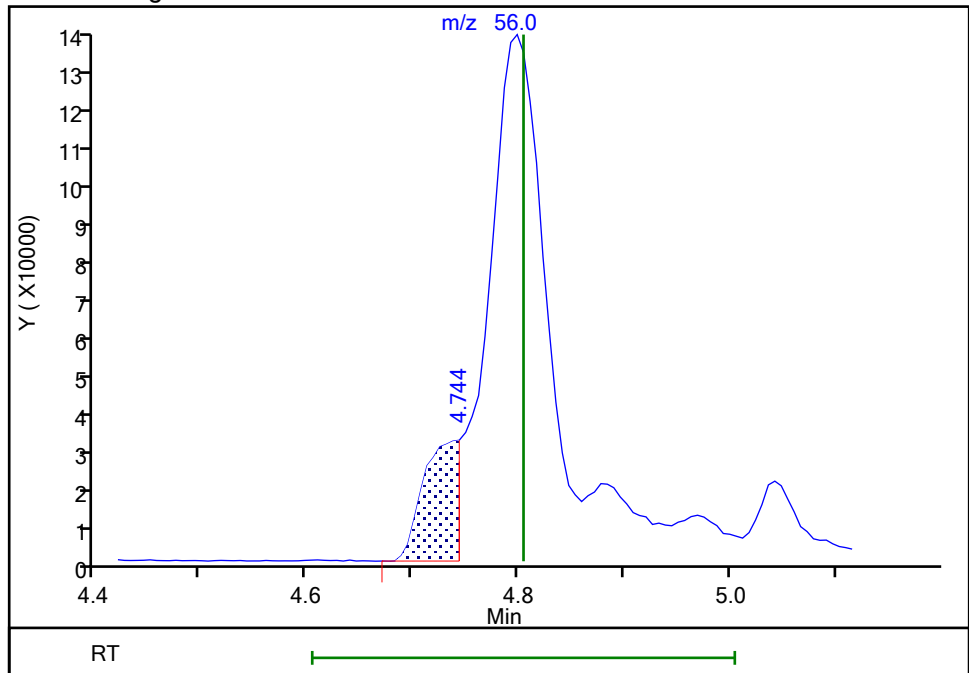
RT: 4.80  
Area: 577080  
Amount: 6169.8918  
Amount Units: ug/l

## Processing Integration Results



RT: 4.74  
Area: 76048  
Amount: 2220.9473  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:18:36

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

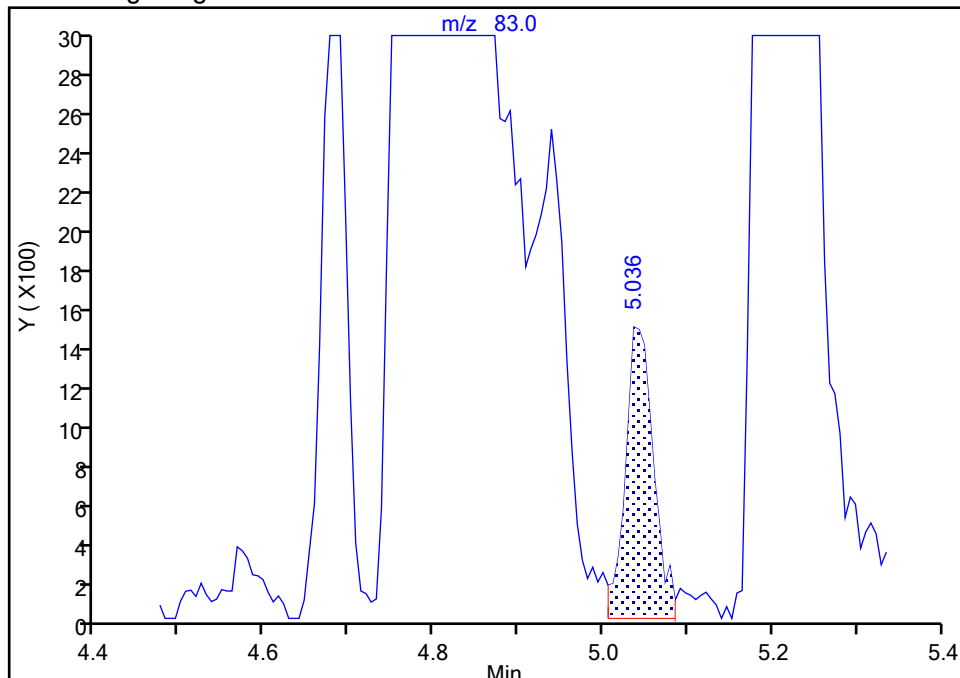
MS Quad

**69 Methylcyclohexane, CAS: 108-87-2**

Signal: 1

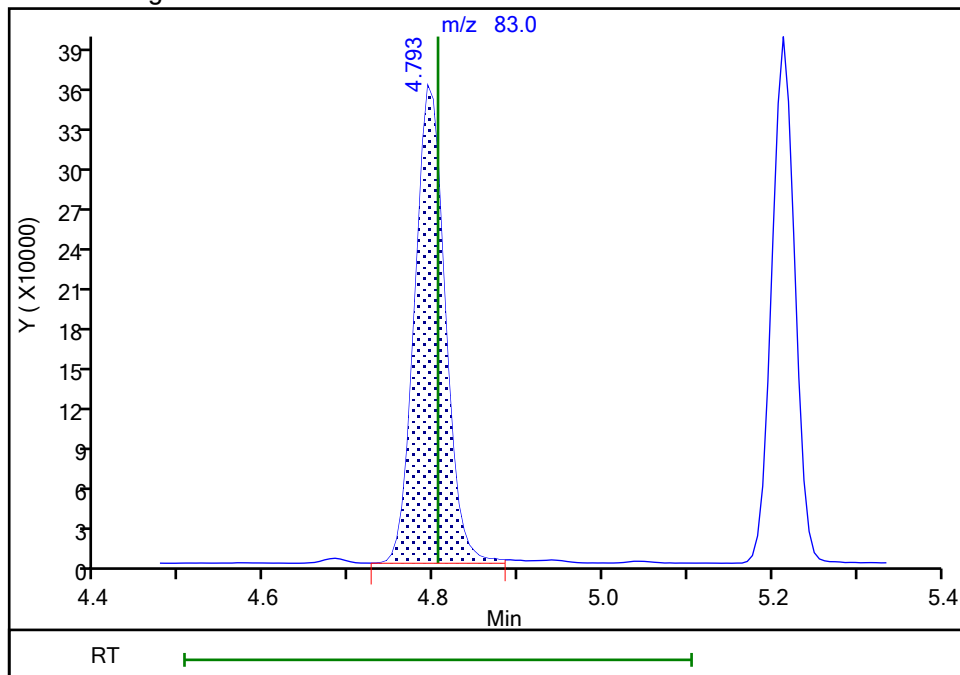
RT: 5.04  
Area: 3400  
Amount: 0.922110  
Amount Units: ug/l

## Processing Integration Results



RT: 4.79  
Area: 881887  
Amount: 199.5190  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:18:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45706.D

Injection Date: 12-Oct-2021 09:12:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

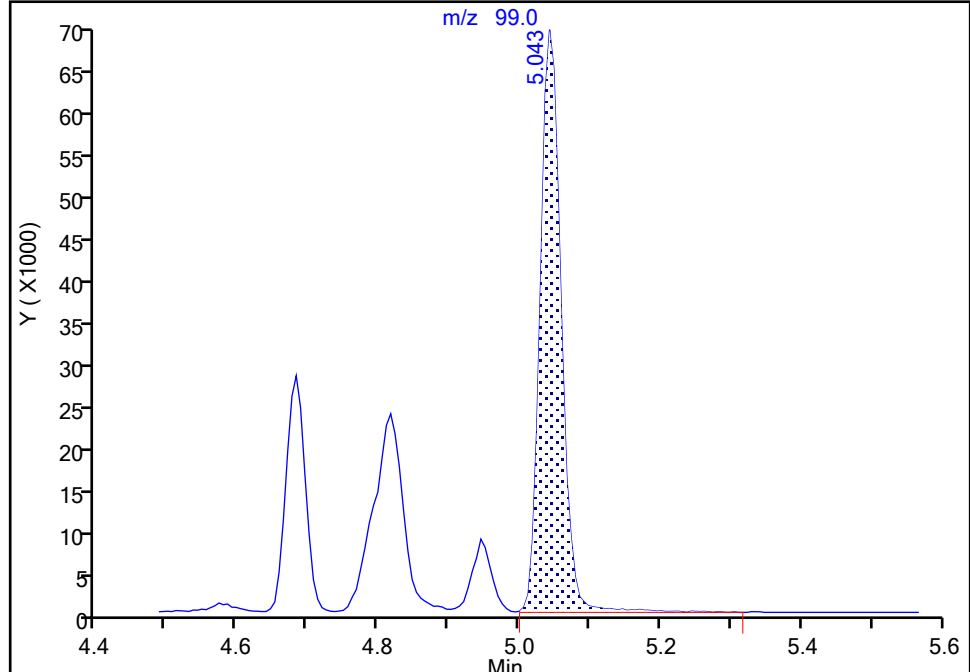
MS Quad

**70 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

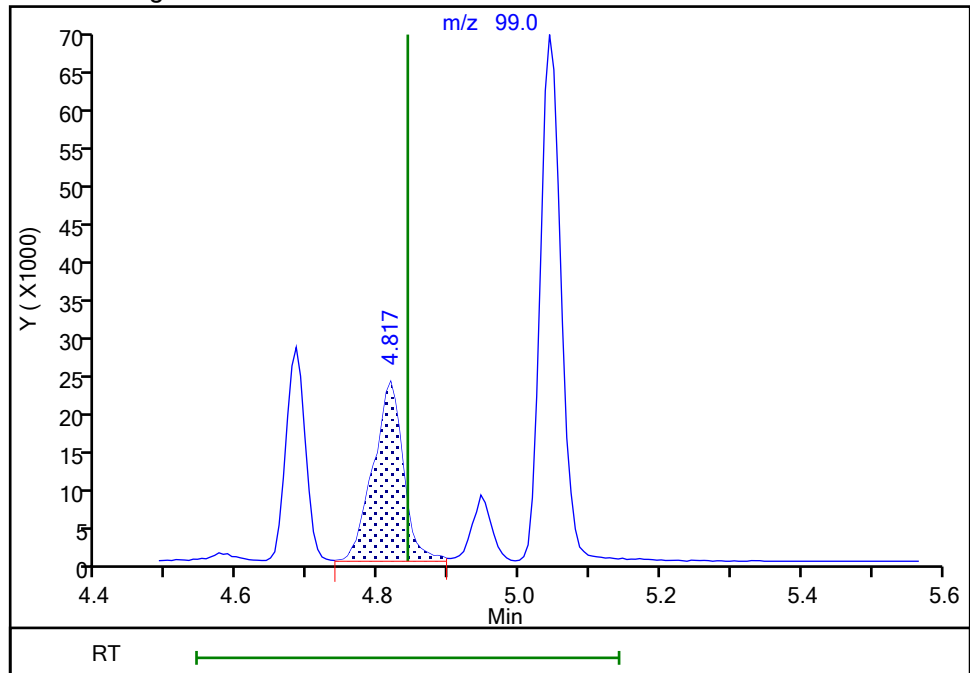
RT: 5.04  
Area: 142965  
Amount: 361.5773  
Amount Units: ug/l

## Processing Integration Results



RT: 4.82  
Area: 69903  
Amount: 211.7827  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:18:44

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D  
 Lims ID: STD500  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 12-Oct-2021 09:33:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD500  
 Misc. Info.: 460-0135876-010  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:02:03 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 09:54:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.135	1.165	-0.030	74	161894	500.0	619.7	
3 Chlorotrifluoroethene	116	1.196	1.226	-0.030	95	619184	500.0	482.2	
2 1,1-Difluoroethane	65	1.208	1.244	-0.036	89	1199465	500.0	527.8	
4 Dichlorodifluoromethane	85	1.214	1.263	-0.049	95	2019800	500.0	483.9	
5 Chlorodifluoromethane	67	1.232	1.287	-0.055	98	410551	500.0	490.7	
6 Chloromethane	50	1.354	1.397	-0.043	98	3533156	500.0	504.0	a
8 Butadiene	54	1.409	1.439	-0.030	91	2430198	500.0	563.2	
7 Vinyl chloride	62	1.409	1.452	-0.043	98	2783670	500.0	532.1	
9 Bromomethane	94	1.623	1.665	-0.043	99	1484288	500.0	402.1	
10 Chloroethane	64	1.665	1.695	-0.030	100	1366864	500.0	386.8	
12 Trichlorofluoromethane	101	1.805	1.830	-0.025	50	1940648	500.0	498.9	
11 Dichlorofluoromethane	67	1.805	1.836	-0.031	98	3478631	500.0	503.4	
13 Pentane	72	1.811	1.842	-0.031	97	530729	1000.0	1013.3	
14 Ethanol	46	1.964	1.988	-0.024	85	488998	20000	19972	
15 Ethyl ether	74	1.958	1.988	-0.030	88	921961	500.0	475.5	
16 2-Methyl-1,3-butadiene	53	1.976	2.006	-0.030	97	1630429	500.0	485.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.025	2.049	-0.024	86	1160972	500.0	469.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.068	2.092	-0.024	94	2156283	500.0	468.3	a
19 Acrolein	56	2.098	2.122	-0.024	93	250593	405.6	373.4	
21 1,1-Dichloroethene	96	2.135	2.153	-0.018	93	1302702	500.0	475.3	
20 1,1,2,2-Tetrafluoroethane	101	2.122	2.153	-0.031	90	1193654	500.0	492.3	a
22 Acetone	43	2.196	2.220	-0.024	85	3108187	2500.0	2133.5	
23 Iodomethane	142	2.257	2.281	-0.024	99	2273354	500.0	506.7	
24 Carbon disulfide	76	2.281	2.305	-0.024	100	5870348	500.0	469.4	
25 Isopropyl alcohol	45	2.281	2.311	-0.030	43	1466335	5000.0	4891.5	a
26 3-Chloro-1-propene	76	2.372	2.403	-0.031	93	1166686	500.0	470.9	
27 Methyl acetate	43	2.385	2.415	-0.030	99	2953757	1000.0	934.8	
28 Cyclopentene	67	2.391	2.415	-0.024	95	3858892	500.0	473.9	
29 Acetonitrile	41	2.427	2.464	-0.037	98	2371081	5000.0	4806.8	a
30 Methylene Chloride	84	2.488	2.512	-0.024	97	1724188	500.0	476.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.500	2.519	-0.018	97	44264	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.555	2.573	-0.018	91	2009813	5000.0	4748.9	a
33 Methyl tert-butyl ether	73	2.622	2.647	-0.025	98	4568494	500.0	488.5	
34 trans-1,2-Dichloroethene	96	2.635	2.659	-0.025	97	1482661	500.0	478.9	
35 Acrylonitrile	53	2.695	2.720	-0.025	94	7195681	5000.0	4662.7	
36 Hexane	57	2.763	2.787	-0.024	95	2128818	500.0	447.8	
37 Isopropyl ether	45	2.952	2.976	-0.024	93	7299743	500.0	482.7	
38 1,1-Dichloroethane	63	2.964	2.988	-0.024	99	3323059	500.0	477.0	
39 Vinyl acetate	86	2.982	3.000	-0.018	100	662757	1000.0	984.0	
40 2-Chloro-1,3-butadiene	88	3.006	3.025	-0.018	94	1358794	500.0	495.2	
41 Tert-butyl ethyl ether	59	3.226	3.244	-0.018	87	6008946	500.0	519.9	
* 42 2-Butanone-d5	46	3.390	3.409	-0.019	93	386246	250.0	250.0	
43 2,2-Dichloropropane	97	3.409	3.421	-0.012	95	515821	500.0	484.8	
44 cis-1,2-Dichloroethene	96	3.415	3.433	-0.018	91	1751104	500.0	505.4	
45 2-Butanone (MEK)	72	3.433	3.451	-0.018	96	886254	2500.0	2363.7	
46 Ethyl acetate	70	3.439	3.463	-0.024	96	332935	1000.0	955.1	
47 Methyl acrylate	55	3.482	3.500	-0.018	98	1531050	500.0	493.5	
48 Propionitrile	54	3.555	3.573	-0.018	98	2751584	5000.0	5653.3	
49 Chlorobromomethane	128	3.616	3.628	-0.012	90	778933	500.0	508.7	
50 Tetrahydrofuran	72	3.610	3.640	-0.030	66	416940	1000.0	923.1	
51 Methacrylonitrile	67	3.640	3.652	-0.012	94	6633629	5000.0	5250.8	
52 Chloroform	83	3.665	3.677	-0.012	97	2479869	500.0	458.4	
53 Cyclohexane	84	3.775	3.787	-0.012	98	2102959	500.0	506.8	
54 1,1,1-Trichloroethane	97	3.787	3.805	-0.018	97	2099503	500.0	503.4	
\$ 55 Dibromofluoromethane (Surr)	113	3.805	3.817	-0.012	97	100008	50.0	47.4	
56 Carbon tetrachloride	117	3.890	3.908	-0.018	96	1736337	500.0	522.9	
57 1,1-Dichloropropene	75	3.915	3.927	-0.012	92	2202883	500.0	501.3	
59 Isooctane	57	4.085	4.091	-0.006	94	6667285	500.0	547.9	
58 Isobutyl alcohol	43	4.073	4.097	-0.024	92	3276611	12500	12220	
60 Benzene	78	4.092	4.104	-0.012	98	6369428	500.0	438.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.110	4.122	-0.012	95	151491	50.0	50.4	
62 Tert-amyl methyl ether	73	4.171	4.183	-0.012	85	5672272	500.0	540.5	
64 1,2-Dichloroethane	62	4.177	4.189	-0.012	95	2050407	500.0	460.7	
63 Isopropyl acetate	61	4.171	4.189	-0.018	95	933880	500.0	534.6	
65 n-Heptane	100	4.250	4.262	-0.012	98	308877	500.0	485.4	
* 66 Fluorobenzene	96	4.360	4.366	-0.006	97	421423	50.0	50.0	
68 Trichloroethene	95	4.677	4.689	-0.012	95	1552758	500.0	526.6	
69 Methylcyclohexane	83	4.793	4.805	-0.012	89	2519038	500.0	526.6	a
67 n-Butanol	56	4.689	4.805	-0.116	93	754380	12500	19448	a
70 Ethyl acrylate	99	4.811	4.841	-0.030	97	211879	500.0	593.1	
71 1,2-Dichloropropane	63	4.945	4.951	-0.006	91	1859442	500.0	496.7	
73 Methyl methacrylate	100	5.043	5.055	-0.012	95	752229	1000.0	994.8	
* 72 1,4-Dioxane-d8	96	5.018	5.055	-0.037	90	17921	1000.0	1000.0	
74 Dibromomethane	93	5.061	5.067	-0.006	94	941021	500.0	500.7	
75 1,4-Dioxane	88	5.061	5.097	-0.036	41	363537	10000	13554	
76 n-Propyl acetate	43	5.104	5.122	-0.018	99	2985537	500.0	499.9	
77 Dichlorobromomethane	83	5.213	5.219	-0.006	98	2131971	500.0	532.1	
78 2-Nitropropane	41	5.530	5.542	-0.012	98	1082842	1000.0	1050.9	
79 2-Chloroethyl vinyl ether	63	5.549	5.554	-0.005	97	1210531	501.2	602.6	
80 Epichlorohydrin	57	5.640	5.658	-0.018	99	3907924	10000	10000	
81 cis-1,3-Dichloropropene	75	5.683	5.689	-0.006	97	2825538	500.0	484.9	
82 4-Methyl-2-pentanone (MIBK)	58	5.853	5.865	-0.012	98	3900942	2500.0	2539.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	5.908	5.914	-0.006	97	385618	50.0	42.5	
84 Toluene	91	5.981	5.981	0.000	93	6066804	500.0	445.5	
85 trans-1,3-Dichloropropene	75	6.329	6.335	-0.006	98	2643995	500.0	512.6	
86 Ethyl methacrylate	69	6.384	6.390	-0.006	94	2350803	500.0	498.0	
87 1,1,2-Trichloroethane	83	6.530	6.536	-0.006	94	1264488	500.0	481.8	
88 Tetrachloroethene	166	6.554	6.554	0.000	94	1298686	500.0	471.8	
89 1,3-Dichloropropane	76	6.725	6.725	0.000	98	2554027	500.0	475.0	
90 2-Hexanone	43	6.811	6.829	-0.018	100	7074694	2500.0	2499.5	
92 Chlorodibromomethane	129	6.939	6.944	-0.005	65	1384012	500.0	499.7	
91 n-Butyl acetate	43	6.939	6.963	-0.024	98	3556225	500.0	500.0	
93 Ethylene Dibromide	107	7.073	7.079	-0.006	99	1308124	500.0	485.2	
* 94 Chlorobenzene-d5	117	7.609	7.609	0.000	90	344571	50.0	50.0	
95 Chlorobenzene	112	7.640	7.646	-0.006	91	3958356	500.0	474.6	
96 Ethylbenzene	106	7.755	7.761	-0.006	99	2119259	500.0	489.0	
97 1,1,1,2-Tetrachloroethane	131	7.768	7.774	-0.006	97	1414182	500.0	481.9	
98 m-Xylene & p-Xylene	106	7.914	7.920	-0.006	98	2547383	500.0	485.5	
99 o-Xylene	106	8.420	8.420	0.000	93	2809738	500.0	515.8	
101 Styrene	104	8.463	8.462	0.001	94	4292587	500.0	504.4	
100 n-Butyl acrylate	73	8.457	8.469	-0.012	99	1429466	500.0	499.9	
102 Bromoform	173	8.706	8.712	-0.006	94	955647	500.0	527.8	
103 Amyl acetate (mixed isomers)	43	8.767	8.779	-0.012	87	4515863	500.0	499.8	
104 Isopropylbenzene	105	8.895	8.895	0.000	98	6789598	500.0	481.6	
\$ 105 4-Bromofluorobenzene	174	9.145	9.145	0.000	0	117703	50.0	48.1	
106 Bromobenzene	156	9.298	9.298	0.000	92	1625350	500.0	552.1	
107 1,1,2,2-Tetrachloroethane	83	9.408	9.407	0.001	99	2083302	500.0	530.9	
108 N-Propylbenzene	91	9.426	9.426	0.000	98	8390297	500.0	522.1	
109 1,2,3-Trichloropropane	110	9.444	9.450	-0.006	96	428822	500.0	495.3	
110 trans-1,4-Dichloro-2-butene	53	9.487	9.493	-0.006	88	576849	500.0	544.8	
111 2-Chlorotoluene	91	9.530	9.529	0.001	97	5073270	500.0	499.4	
112 4-Ethyltoluene	105	9.566	9.566	0.000	97	6071128	500.0	512.9	
113 1,3,5-Trimethylbenzene	105	9.658	9.651	0.007	92	5636702	500.0	543.3	
114 4-Chlorotoluene	91	9.676	9.670	0.006	99	5263845	500.0	502.8	
115 Butyl Methacrylate	87	9.816	9.816	0.000	94	2361515	500.0	499.7	
116 tert-Butylbenzene	119	9.987	9.987	0.000	92	4804761	500.0	580.8	
117 1,2,4-Trimethylbenzene	105	10.060	10.054	0.006	99	5760648	500.0	541.8	
118 sec-Butylbenzene	105	10.218	10.218	0.000	98	7688965	500.0	557.8	
119 1,3-Dichlorobenzene	146	10.346	10.346	0.000	93	2962936	500.0	534.2	
120 4-Isopropyltoluene	119	10.383	10.377	0.006	97	5980554	500.0	547.3	
* 121 1,4-Dichlorobenzene-d4	152	10.426	10.425	0.001	96	148908	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.450	10.444	0.006	91	2855084	500.0	509.5	
123 1,2,3-Trimethylbenzene	105	10.487	10.480	0.007	98	5996964	500.0	530.2	
124 Benzyl chloride	91	10.602	10.602	0.000	97	3471282	500.0	587.3	
125 2,3-Dihydroindene	117	10.663	10.657	0.006	95	5624551	500.0	539.7	
126 p-Diethylbenzene	119	10.749	10.749	0.000	92	3260856	500.0	561.1	
127 n-Butylbenzene	92	10.773	10.773	0.000	99	3342242	500.0	509.7	
128 1,2-Dichlorobenzene	146	10.798	10.797	0.001	93	2675145	500.0	502.7	
129 1,2,4,5-Tetramethylbenzene	119	11.450	11.450	0.000	98	6721968	500.0	611.8	
130 1,2-Dibromo-3-Chloropropane	157	11.517	11.517	0.000	93	368895	500.0	589.6	
131 1,3,5-Trichlorobenzene	180	11.639	11.639	0.000	95	2514297	500.0	548.5	
132 1,2,4-Trichlorobenzene	180	12.151	12.151	0.000	94	2446993	500.0	555.6	
133 Hexachlorobutadiene	225	12.248	12.248	0.000	93	1062545	500.0	567.6	
134 Naphthalene	128	12.340	12.340	0.000	98	5570482	500.0	539.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.529	12.529	0.000	94	2218127	500.0	542.5	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	984.3	
S 137 Xylenes, Total	100				0		1000.0	1001.4	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	997.5	
S 140 Total BTEX	1				0		2500.0	2374.2	

**QC Flag Legend**

Processing Flags

Review Flags

a - User Assigned ID

**Reagents:**

ACROLEIN W_00131	Amount Added: 40.00	Units: uL	
GAS Hi_00398	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00116	Amount Added: 50.00	Units: uL	
MIX I Hi_00143	Amount Added: 50.00	Units: uL	
Ethanol mix_00057	Amount Added: 50.00	Units: uL	
8FreonHi_00037	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

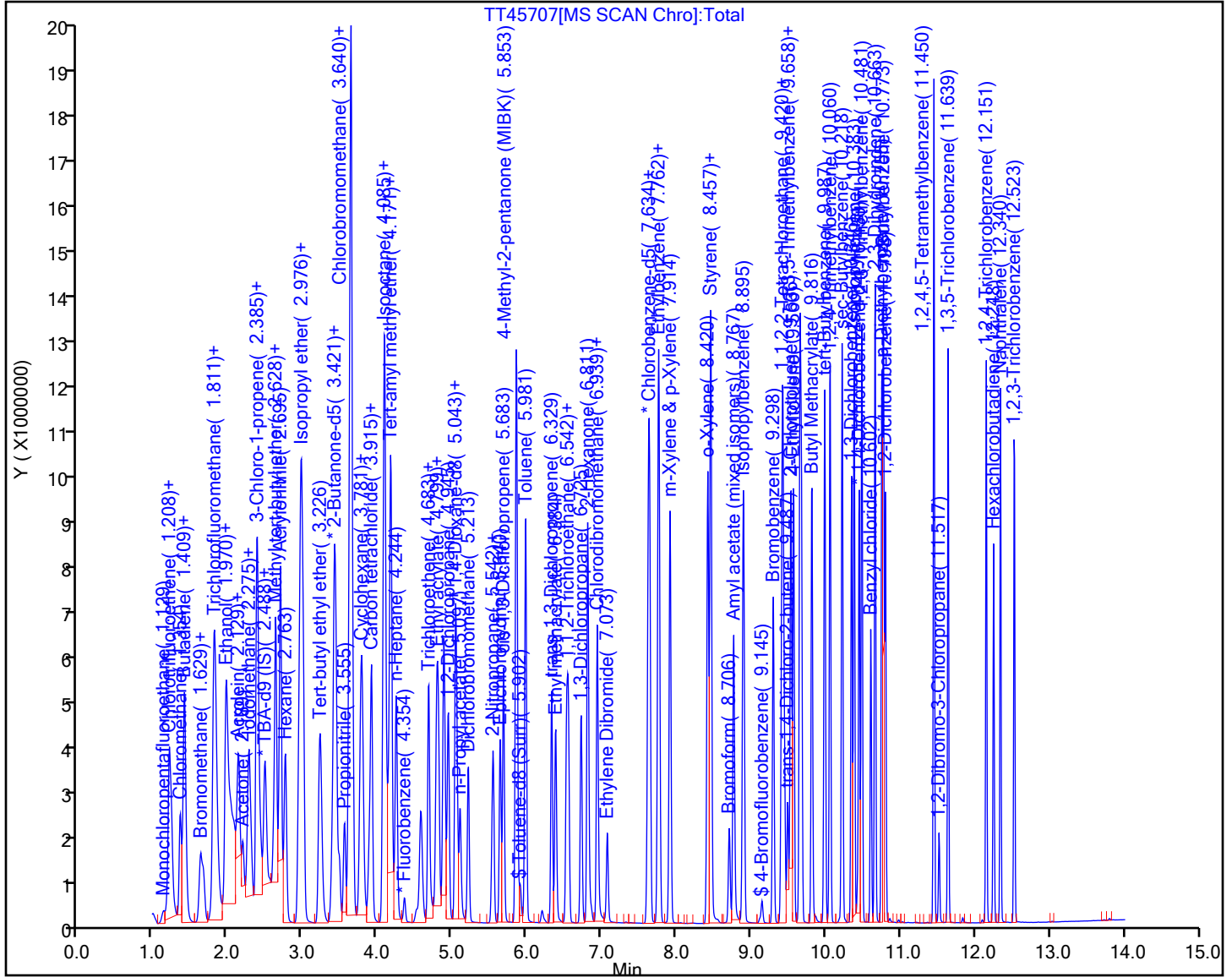
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

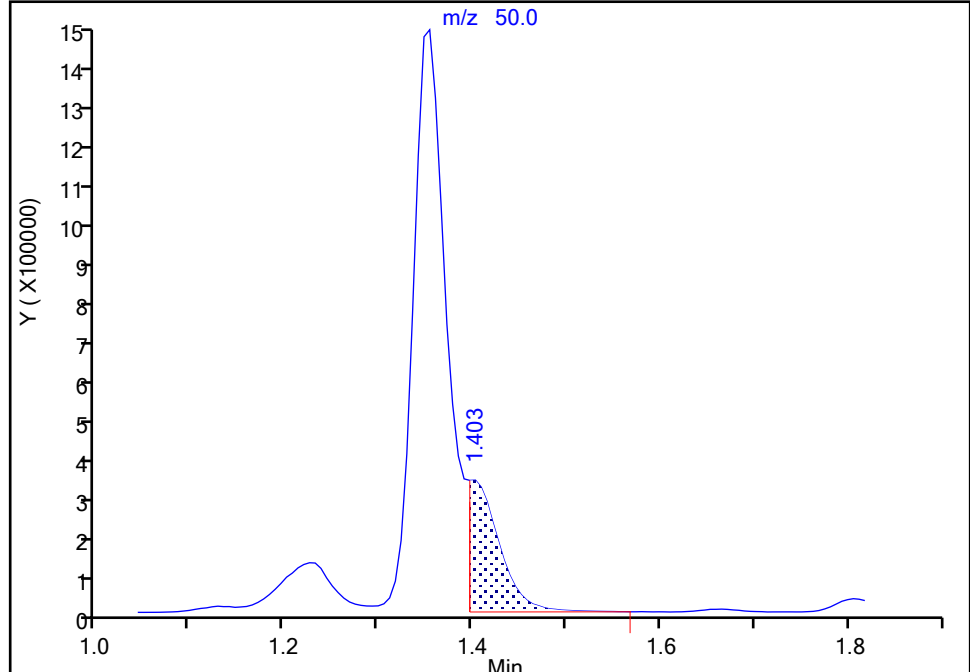
Detector: MS Quad

**6 Chloromethane, CAS: 74-87-3**

Signal: 1

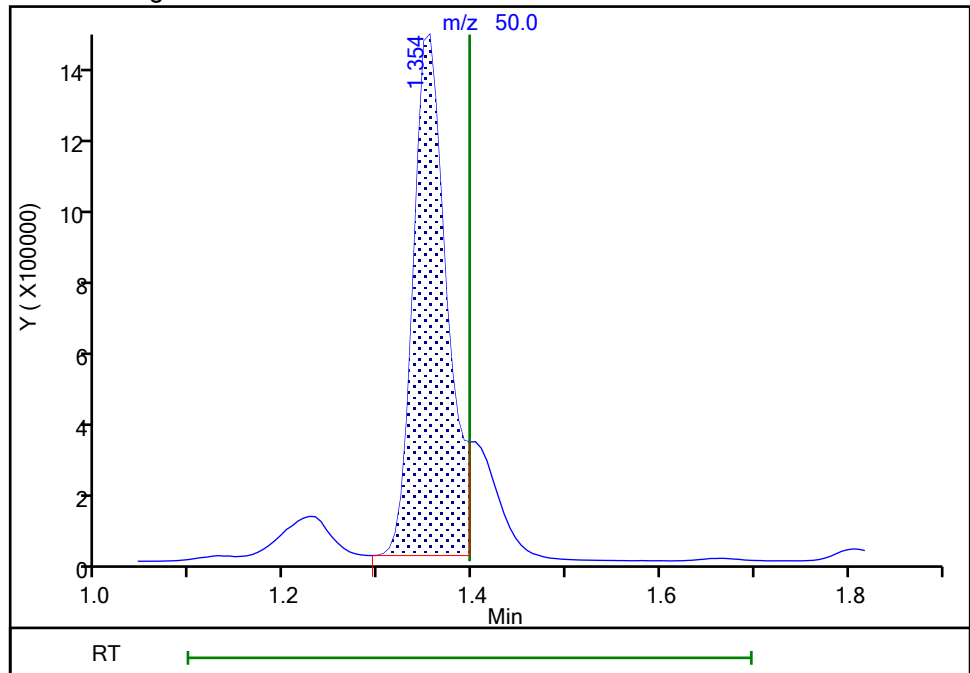
RT: 1.40  
Area: 749871  
Amount: 123.2903  
Amount Units: ug/l

## Processing Integration Results



RT: 1.35  
Area: 3533156  
Amount: 504.0224  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:19:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

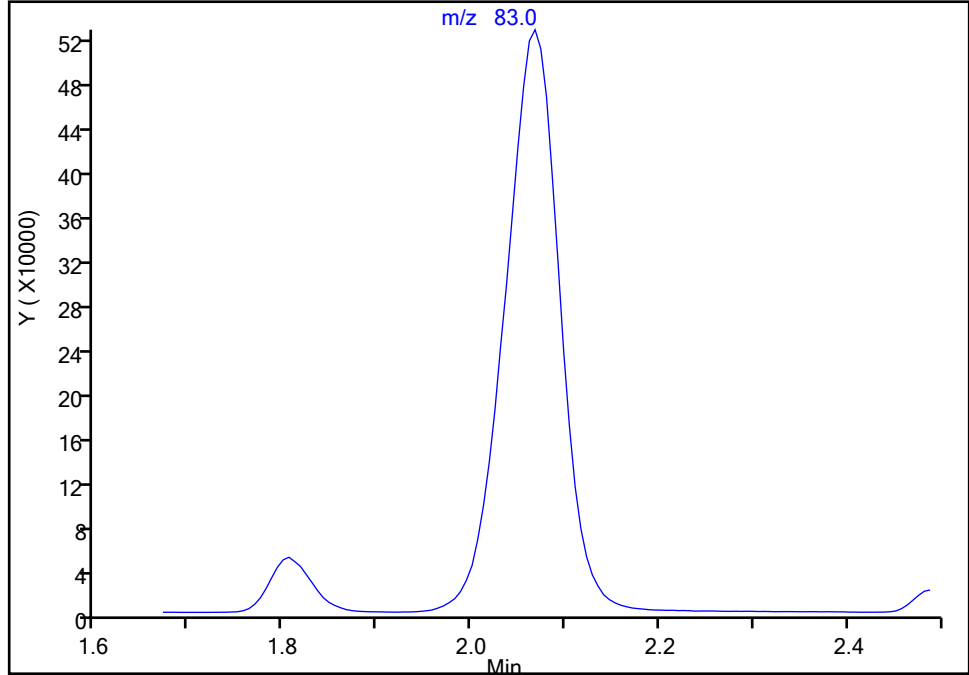
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

Expected RT: 2.09

## Processing Integration Results



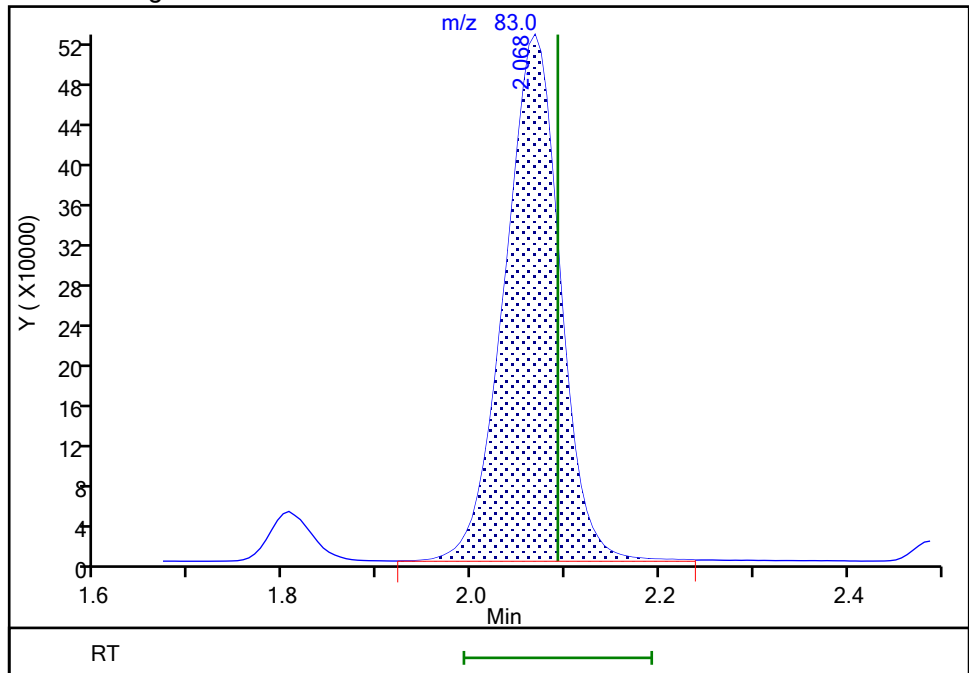
RT: 2.07

Area: 2156283

Amount: 468.3035

Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:19:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

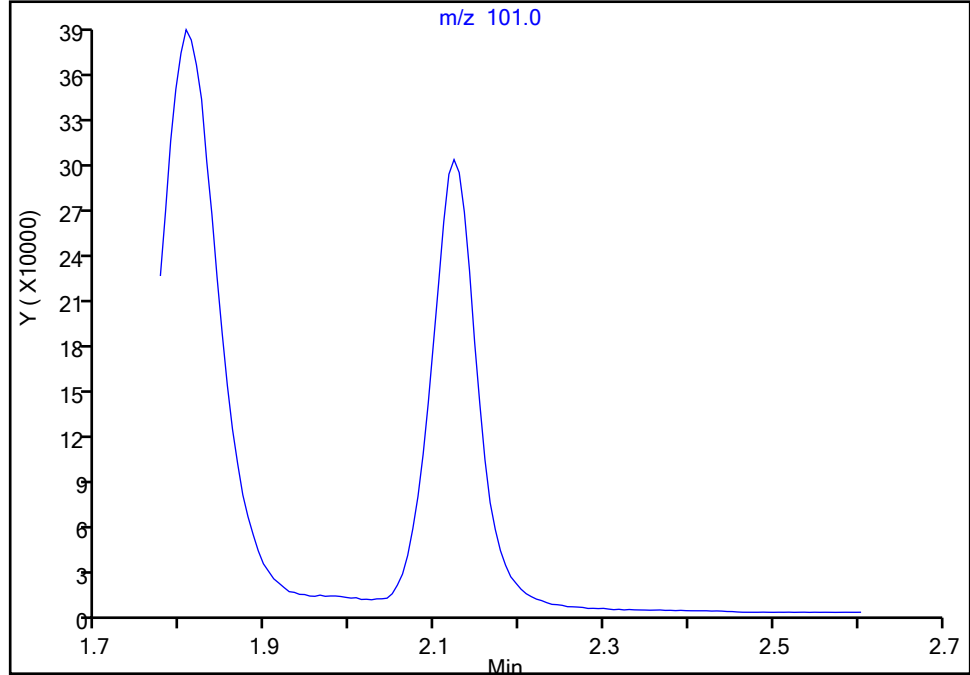
[20 112TCTFE, CAS: 76-13-1](#)

Signal: 1

Not Detected

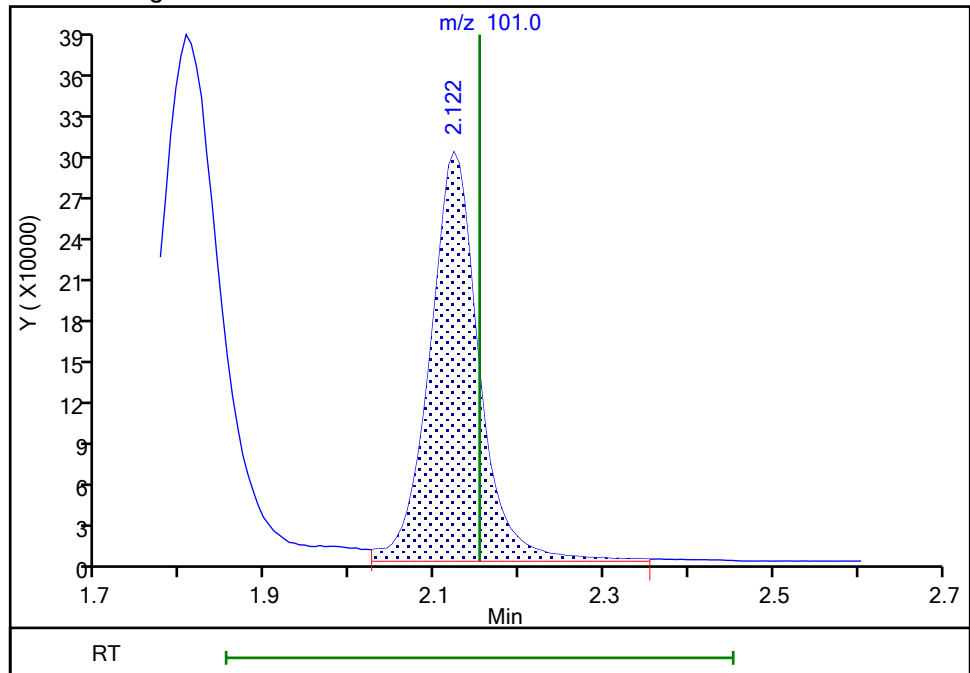
Expected RT: 2.15

## Processing Integration Results



RT: 2.12  
Area: 1193654  
Amount: 492.3030  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:20:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

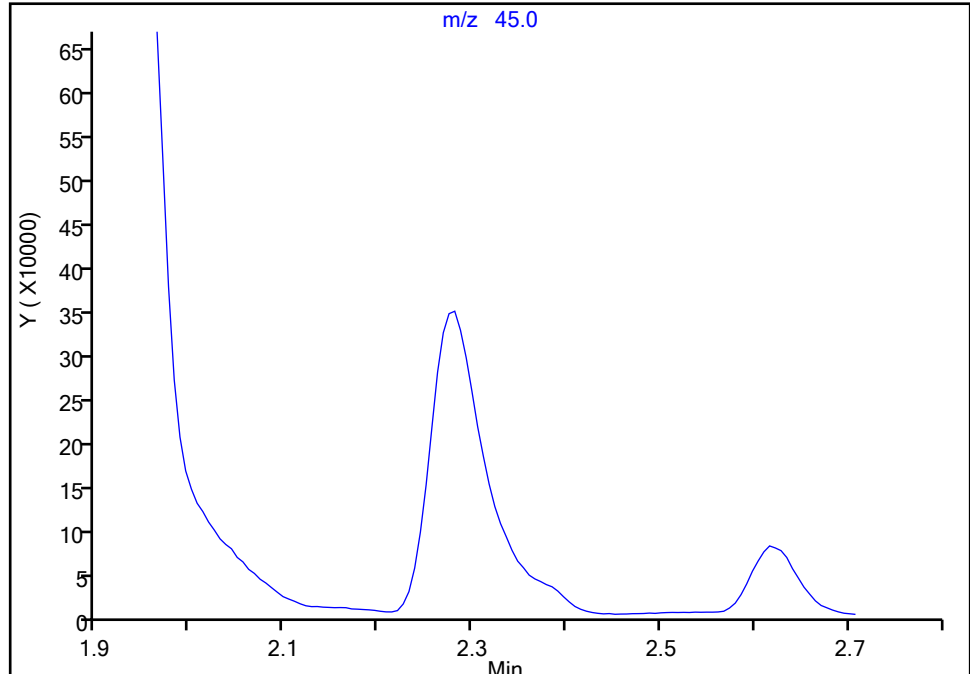
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

Not Detected

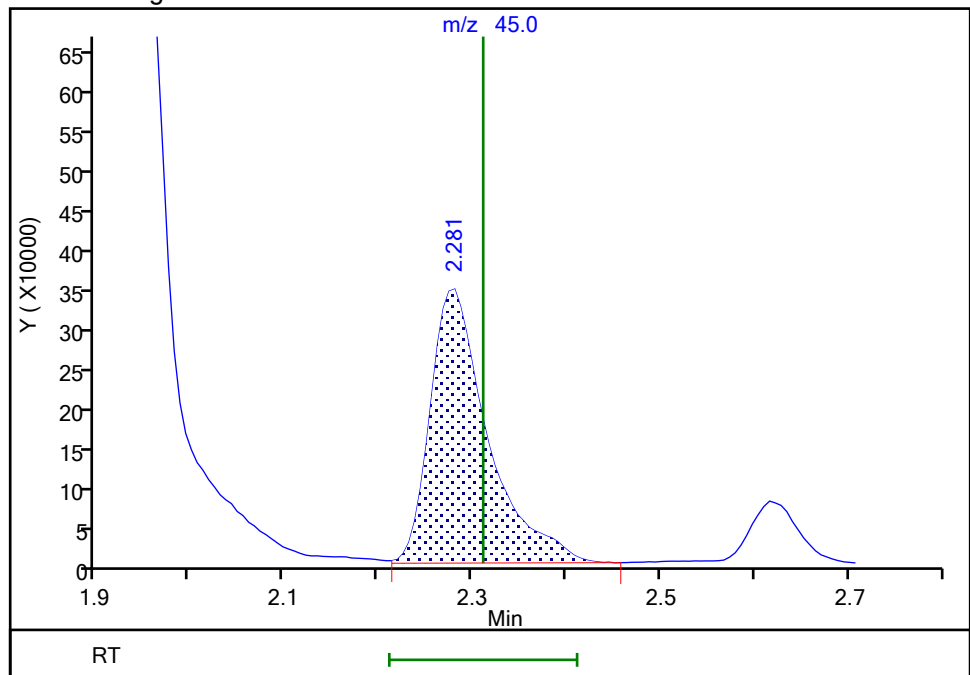
Expected RT: 2.31

## Processing Integration Results



RT: 2.28  
Area: 1466335  
Amount: 4891.4812  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:20:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D  
Injection Date: 12-Oct-2021 09:33:30 Instrument ID: CVOAMS17  
Lims ID: STD500  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260W\_17  
Column: DB-624 ( 0.18 mm)

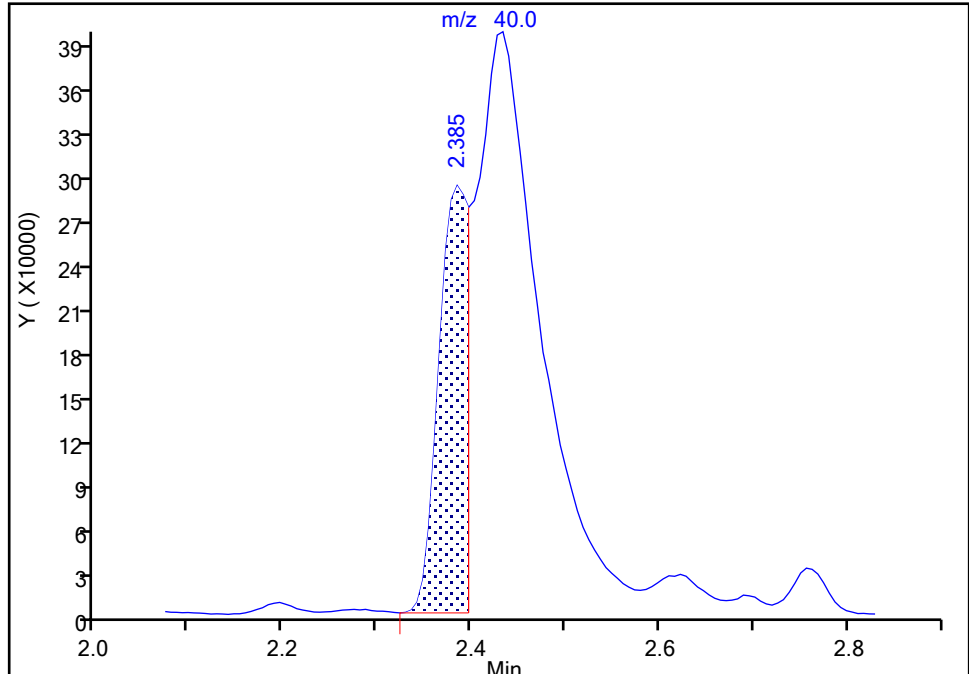
ALS Bottle#: 9 Worklist Smp#: 10  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

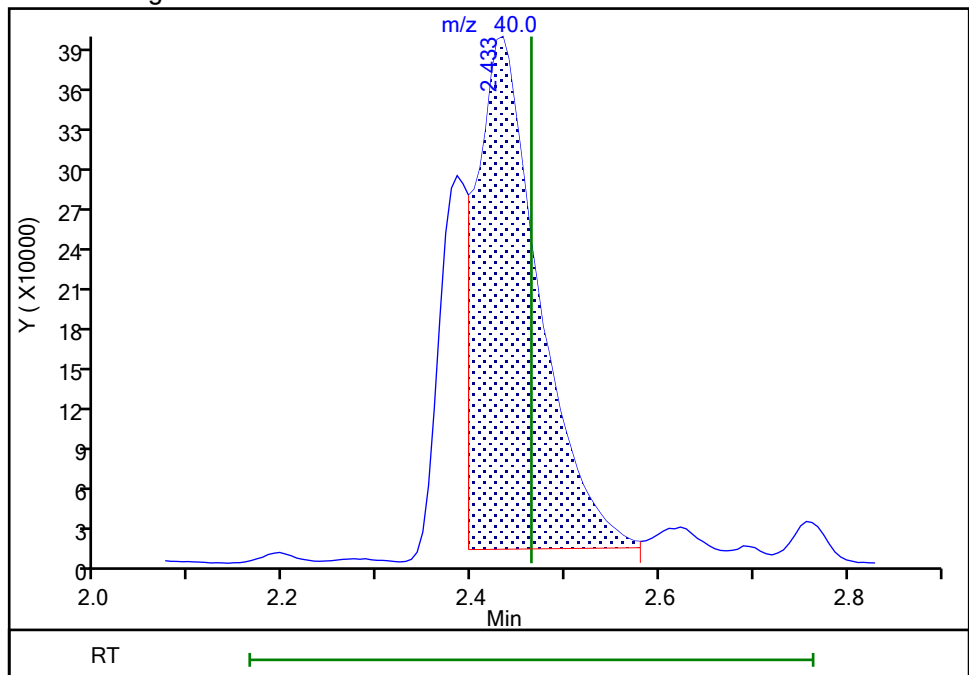
RT: 2.38  
Area: 648170  
Amount: 4989.3321  
Amount Units: ug/l

## Processing Integration Results



RT: 2.43  
Area: 1818383  
Amount: 4806.7649  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:20:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

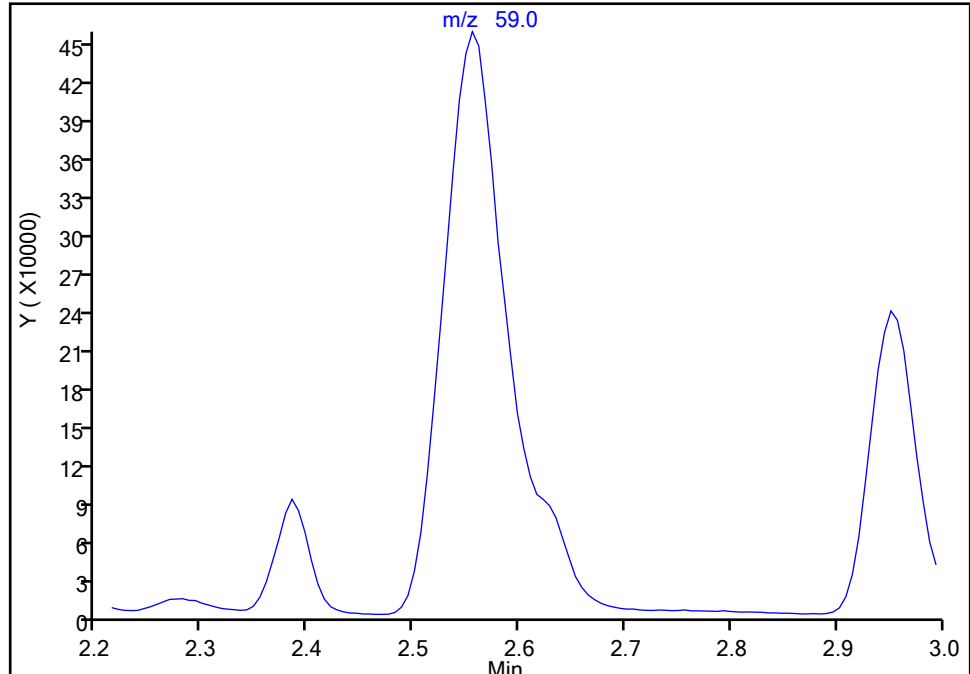
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

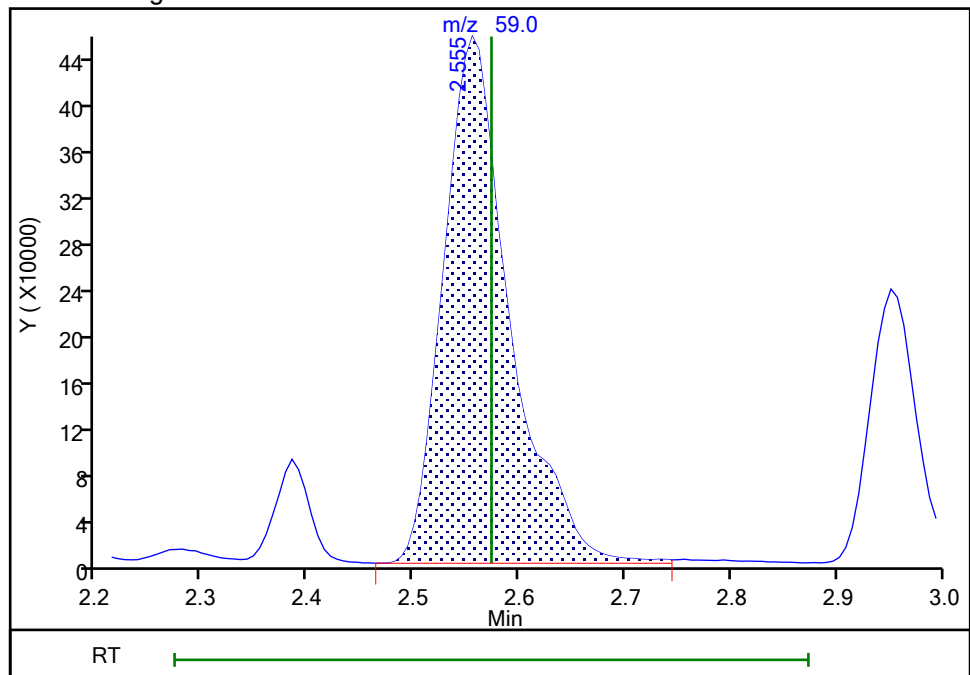
Not Detected

Expected RT: 2.57

## Processing Integration Results



## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:20:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

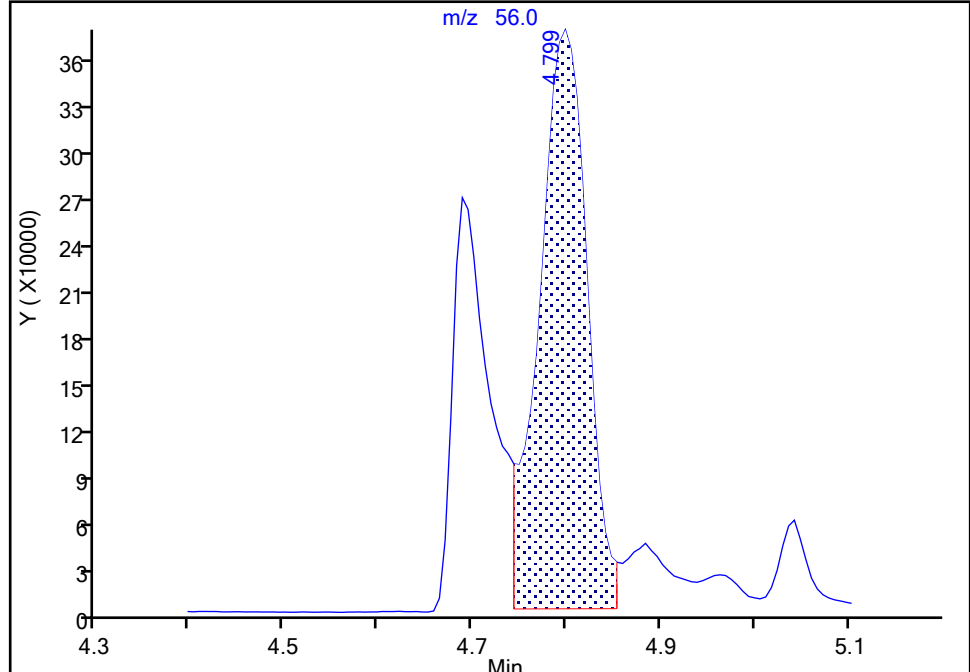
Detector: MS Quad

**67 n-Butanol, CAS: 71-36-3**

Signal: 1

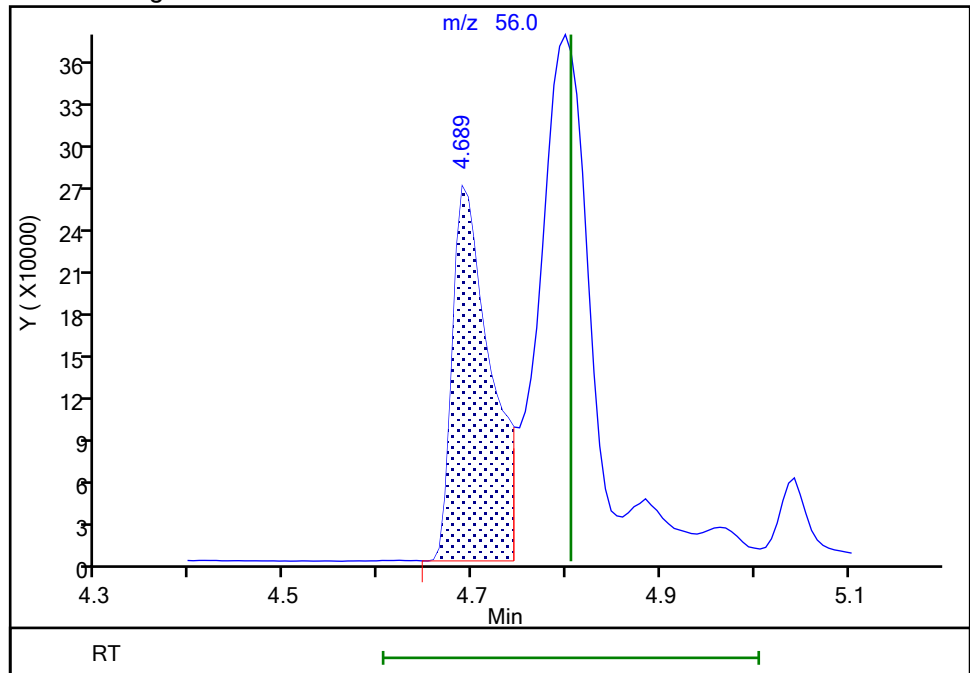
RT: 4.80  
Area: 1333982  
Amount: 19583  
Amount Units: ug/l

## Processing Integration Results



RT: 4.69  
Area: 754380  
Amount: 19448  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:20:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45707.D

Injection Date: 12-Oct-2021 09:33:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

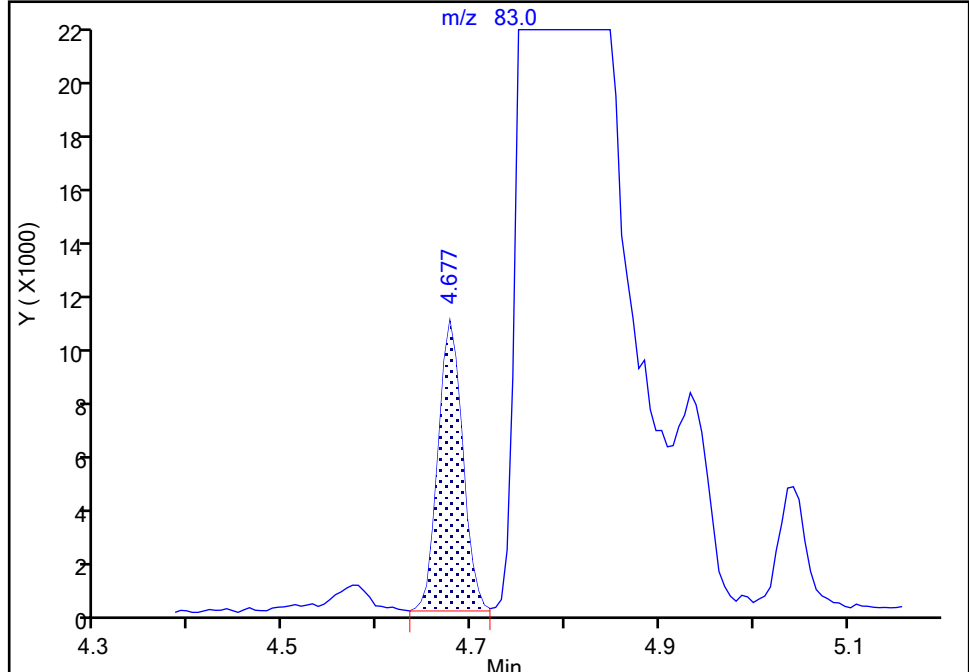
Detector: MS Quad

**69 Methylcyclohexane, CAS: 108-87-2**

Signal: 1

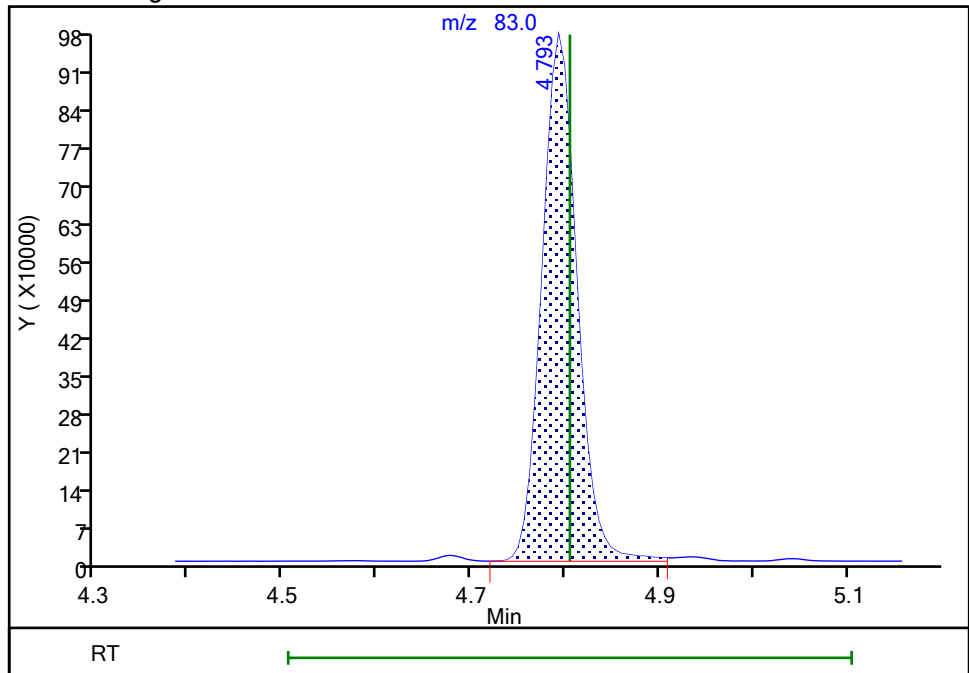
RT: 4.68  
Area: 19647  
Amount: 4.973125  
Amount Units: ug/l

## Processing Integration Results



RT: 4.79  
Area: 2519038  
Amount: 526.5807  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:48:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Lims ID: STD1  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 12-Oct-2021 12:08:30 ALS Bottle#: 14 Worklist Smp#: 14  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD1  
 Misc. Info.: 460-0135876-014  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:02:11 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 12:58:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.220	1.226	-0.006	46	697	1.00	1.01	
2 1,1-Difluoroethane	65	1.226	1.244	-0.018	77	2489	1.00	0.8603	
4 Dichlorodifluoromethane	85	1.232	1.263	-0.031	43	2852	1.00	1.01	
5 Chlorodifluoromethane	67	1.251	1.287	-0.036	98	1174	1.00	1.10	
6 Chloromethane	50	1.366	1.397	-0.031	98	5998	1.00	0.6721	
8 Butadiene	54	1.427	1.439	-0.012	34	4190	1.00	0.7628	M
7 Vinyl chloride	62	1.427	1.452	-0.025	91	4940	1.00	0.7418	M
9 Bromomethane	94	1.641	1.665	-0.024	94	3727	1.00	0.9207	M
10 Chloroethane	64	1.677	1.695	-0.018	88	4001	1.00	1.03	
12 Trichlorofluoromethane	101	1.824	1.830	-0.006	35	4005	1.00	0.8088	M
11 Dichlorofluoromethane	67	1.793	1.836	-0.043	60	7274	1.00	0.8269	Ma
13 Pentane	72	1.793	1.842	-0.049	98	1052	2.00	1.58	M
14 Ethanol	46	1.952	1.988	-0.036	75	496	40.0	19.1	
15 Ethyl ether	74	1.946	1.988	-0.042	92	2118	1.00	0.8580	
16 2-Methyl-1,3-butadiene	53	1.958	2.006	-0.048	93	3354	1.00	0.7848	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.019	2.049	-0.030	72	2894	1.00	0.9187	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.043	2.092	-0.049	85	5519	1.00	0.9416	M
19 Acrolein	56	2.080	2.122	-0.042	95	3532	4.06	4.13	Ma
21 1,1-Dichloroethene	96	2.110	2.153	-0.043	90	3147	1.00	0.9019	Ma
20 1,1,2,2-Tetrafluoroethane	101	2.135	2.153	-0.018	37	2474	1.00	0.8015	
22 Acetone	43	2.177	2.220	-0.043	85	7507	5.00	4.70	
23 Iodomethane	142	2.238	2.281	-0.043	46	4730	1.00	0.8281	
24 Carbon disulfide	76	2.269	2.305	-0.036	99	17033	1.00	1.07	M
25 Isopropyl alcohol	45	2.263	2.311	-0.048	45	2406	10.0	8.72	a
26 3-Chloro-1-propene	76	2.354	2.403	-0.049	85	2984	1.00	0.9462	M
27 Methyl acetate	43	2.360	2.415	-0.055	87	6823	2.00	1.70	
28 Cyclopentene	67	2.366	2.415	-0.049	92	8670	1.00	0.8364	
29 Acetonitrile	41	2.403	2.464	-0.061	62	4156	10.0	7.68	
30 Methylene Chloride	84	2.458	2.512	-0.054	52	4114	1.00	0.8921	
* 31 TBA-d9 (IS)	66	2.464	2.519	-0.054	97	40760	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.513	2.573	-0.060	94	3817	10.0	9.79	
33 Methyl tert-butyl ether	73	2.604	2.647	-0.043	72	10692	1.00	0.8980	
34 trans-1,2-Dichloroethene	96	2.604	2.659	-0.055	94	3468	1.00	0.8800	
35 Acrylonitrile	53	2.659	2.720	-0.061	94	17314	10.0	8.81	
36 Hexane	57	2.732	2.787	-0.055	95	5408	1.00	0.8937	
37 Isopropyl ether	45	2.927	2.976	-0.049	74	16785	1.00	0.8719	
38 1,1-Dichloroethane	63	2.933	2.988	-0.055	60	7559	1.00	0.8523	
39 Vinyl acetate	86	2.945	3.000	-0.055	100	1113	2.00	1.51	
40 2-Chloro-1,3-butadiene	88	2.970	3.025	-0.054	93	2882	1.00	0.8250	
41 Tert-butyl ethyl ether	59	3.201	3.244	-0.043	89	12336	1.00	0.8384	M
* 42 2-Butanone-d5	46	3.348	3.409	-0.061	99	423519	250.0	250.0	
43 2,2-Dichloropropane	97	3.360	3.421	-0.061	44	665	1.00	0.9799	
44 cis-1,2-Dichloroethene	96	3.372	3.433	-0.061	90	3858	1.00	0.8747	
45 2-Butanone (MEK)	72	3.397	3.451	-0.054	95	2231	5.00	5.43	
46 Ethyl acetate	70	3.415	3.463	-0.048	92	659	2.00	1.72	a
47 Methyl acrylate	55	3.439	3.500	-0.061	97	3790	1.00	0.9595	a
48 Propionitrile	54	3.519	3.573	-0.055	89	4063	10.0	9.07	a
49 Chlorobromomethane	128	3.567	3.628	-0.061	96	1739	1.00	0.8921	
50 Tetrahydrofuran	72	3.592	3.640	-0.048	36	952	2.00	1.92	
51 Methacrylonitrile	67	3.598	3.652	-0.054	95	13633	10.0	8.48	
52 Chloroform	83	3.616	3.677	-0.061	94	5996	1.00	0.8707	
53 Cyclohexane	84	3.720	3.787	-0.067	94	4417	1.00	0.8361	
54 1,1,1-Trichloroethane	97	3.738	3.805	-0.067	75	4289	1.00	0.8079	
\$ 55 Dibromofluoromethane (Surr)	113	3.756	3.817	-0.061	96	135050	50.0	50.3	
56 Carbon tetrachloride	117	3.848	3.908	-0.060	94	3314	1.00	0.7840	
57 1,1-Dichloropropene	75	3.860	3.927	-0.067	93	5103	1.00	0.9122	
59 Isooctane	57	4.031	4.091	-0.060	32	10936	1.00	0.7059	a
58 Isobutyl alcohol	43	4.031	4.097	-0.066	33	2292	25.0	25.9	a
60 Benzene	78	4.043	4.104	-0.061	96	15117	1.00	0.9715	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.122	-0.061	94	188823	50.0	49.3	
62 Tert-amyl methyl ether	73	4.128	4.183	-0.055	73	10400	1.00	0.7784	
64 1,2-Dichloroethane	62	4.128	4.189	-0.061	88	5620	1.00	0.99	
63 Isopropyl acetate	61	4.128	4.189	-0.061	96	1846	1.00	0.8302	a
65 n-Heptane	100	4.195	4.262	-0.067	94	759	1.00	0.9371	M
* 66 Fluorobenzene	96	4.305	4.366	-0.061	97	536478	50.0	50.0	
68 Trichloroethene	95	4.622	4.689	-0.067	93	3559	1.00	0.9482	
69 Methylcyclohexane	83	4.738	4.805	-0.067	90	4918	1.00	0.8076	
71 1,2-Dichloropropane	63	4.890	4.951	-0.061	88	4230	1.00	0.8876	
73 Methyl methacrylate	100	5.006	5.055	-0.049	91	996	2.00	2.05	
* 72 1,4-Dioxane-d8	96	4.969	5.055	-0.086	92	23989	1000.0	1000.0	
74 Dibromomethane	93	5.000	5.067	-0.067	89	2232	1.00	0.9329	
75 1,4-Dioxane	88	5.030	5.097	-0.067	27	1659	50.0	46.2	
76 n-Propyl acetate	43	5.067	5.122	-0.055	62	3883	1.00	0.5565	
77 Dichlorobromomethane	83	5.152	5.219	-0.067	97	4136	1.00	0.8109	
78 2-Nitropropane	41	5.494	5.542	-0.048	83	2891	2.00	2.20	
79 2-Chloroethyl vinyl ether	63	5.494	5.554	-0.060	68	1878	1.00	0.7343	
80 Epichlorohydrin	57	5.616	5.658	-0.042	48	4105	20.0	10.4	Ma
81 cis-1,3-Dichloropropene	75	5.622	5.689	-0.067	98	5405	1.00	0.8662	
82 4-Methyl-2-pentanone (MIBK)	58	5.841	5.865	-0.024	95	9388	5.00	5.57	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.914	-0.073	97	511855	50.0	52.6	
84 Toluene	91	5.914	5.981	-0.067	93	14374	1.00	0.9858	
85 trans-1,3-Dichloropropene	75	6.268	6.335	-0.067	97	4747	1.00	0.8594	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.335	6.390	-0.055	95	3353	1.00	1.02	a
87 1,1,2-Trichloroethane	83	6.469	6.536	-0.067	91	2517	1.00	0.8955	
88 Tetrachloroethene	166	6.487	6.554	-0.067	90	2852	1.00	0.9676	
89 1,3-Dichloropropane	76	6.658	6.725	-0.067	96	5522	1.00	0.9591	
90 2-Hexanone	43	6.798	6.829	-0.031	56	4328	5.00	1.44	M
92 Chlorodibromomethane	129	6.872	6.944	-0.072	94	2539	1.00	0.8560	
91 n-Butyl acetate	43	6.890	6.963	-0.073	33	4661	1.00	0.5867	M
93 Ethylene Dibromide	107	7.006	7.079	-0.073	98	2810	1.00	0.9733	M
* 94 Chlorobenzene-d5	117	7.536	7.609	-0.073	92	368981	50.0	50.0	
95 Chlorobenzene	112	7.567	7.646	-0.080	97	8404	1.00	0.9410	
96 Ethylbenzene	106	7.682	7.761	-0.079	99	4170	1.00	0.8985	
97 1,1,1,2-Tetrachloroethane	131	7.695	7.774	-0.079	91	2626	1.00	0.8357	
98 m-Xylene & p-Xylene	106	7.841	7.920	-0.079	99	5074	1.00	0.9031	
99 o-Xylene	106	8.347	8.420	-0.073	91	5039	1.00	0.8639	
101 Styrene	104	8.390	8.462	-0.072	92	7472	1.00	0.8199	
100 n-Butyl acrylate	73	8.408	8.469	-0.061	95	1205	1.00	0.3881	
102 Bromoform	173	8.633	8.712	-0.079	85	1681	1.00	0.8670	
103 Amyl acetate (mixed isomers)	43	8.731	8.779	-0.048	53	3088	1.00	0.3028	a
104 Isopropylbenzene	105	8.822	8.895	-0.073	98	13192	1.00	0.8738	
\$ 105 4-Bromofluorobenzene	174	9.072	9.145	-0.073	0	132711	50.0	50.6	a
106 Bromobenzene	156	9.231	9.298	-0.067	91	3418	1.00	0.9314	
107 1,1,2,2-Tetrachloroethane	83	9.341	9.407	-0.066	97	4518	1.00	0.9236	
108 N-Propylbenzene	91	9.359	9.426	-0.067	98	17436	1.00	0.8704	
109 1,2,3-Trichloropropane	110	9.383	9.450	-0.067	93	984	1.00	0.9117	
110 trans-1,4-Dichloro-2-butene	53	9.426	9.493	-0.067	73	1238	1.00	0.9381	
111 2-Chlorotoluene	91	9.462	9.529	-0.067	96	11078	1.00	0.8747	
112 4-Ethyltoluene	105	9.499	9.566	-0.067	97	12889	1.00	0.8735	a
113 1,3,5-Trimethylbenzene	105	9.590	9.651	-0.061	91	11029	1.00	0.8529	a
114 4-Chlorotoluene	91	9.603	9.670	-0.067	98	12342	1.00	0.9457	
115 Butyl Methacrylate	87	9.755	9.816	-0.061	95	2516	1.00	0.4705	
116 tert-Butylbenzene	119	9.926	9.987	-0.061	91	8589	1.00	0.8329	
117 1,2,4-Trimethylbenzene	105	9.999	10.054	-0.055	98	11008	1.00	0.8306	
118 sec-Butylbenzene	105	10.157	10.218	-0.061	97	14784	1.00	0.8604	
119 1,3-Dichlorobenzene	146	10.285	10.346	-0.061	91	6868	1.00	0.99	
120 4-Isopropyltoluene	119	10.322	10.377	-0.055	97	11983	1.00	0.8797	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.425	-0.060	98	185618	50.0	50.0	a
122 1,4-Dichlorobenzene	146	10.389	10.444	-0.055	94	7304	1.00	1.05	
123 1,2,3-Trimethylbenzene	105	10.426	10.480	-0.054	98	12558	1.00	0.8907	
124 Benzyl chloride	91	10.548	10.602	-0.054	96	5717	1.00	0.7760	
125 2,3-Dihydroindene	117	10.602	10.657	-0.055	95	11571	1.00	0.8906	
126 p-Diethylbenzene	119	10.694	10.749	-0.055	88	6266	1.00	0.8650	
127 n-Butylbenzene	92	10.718	10.773	-0.055	97	7687	1.00	0.9405	
128 1,2-Dichlorobenzene	146	10.743	10.797	-0.054	90	6566	1.00	0.9899	
129 1,2,4,5-Tetramethylbenzene	119	11.401	11.450	-0.049	96	11783	1.00	0.8604	
130 1,2-Dibromo-3-Chloropropane	157	11.468	11.517	-0.049	81	698	1.00	0.8949	
131 1,3,5-Trichlorobenzene	180	11.590	11.639	-0.049	92	5793	1.00	1.01	
132 1,2,4-Trichlorobenzene	180	12.102	12.151	-0.049	92	5975	1.00	1.09	
133 Hexachlorobutadiene	225	12.206	12.248	-0.042	88	2395	1.00	1.03	
134 Naphthalene	128	12.291	12.340	-0.049	97	14762	1.00	1.15	
135 1,2,3-Trichlorobenzene	180	12.480	12.529	-0.049	92	5963	1.00	1.17	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.75	
S 137 Xylenes, Total	100				0		2.00	1.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.73	
S 140 Total BTEX	1				0		5.00	4.62	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

ACROLEIN W_00131	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00144	Amount Added: 10.00	Units: uL	
GASES Li_00442	Amount Added: 10.00	Units: uL	
524freon_00043	Amount Added: 10.00	Units: uL	
14DIOXINTER_00134	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

14

Purge Vol: 5.000 mL

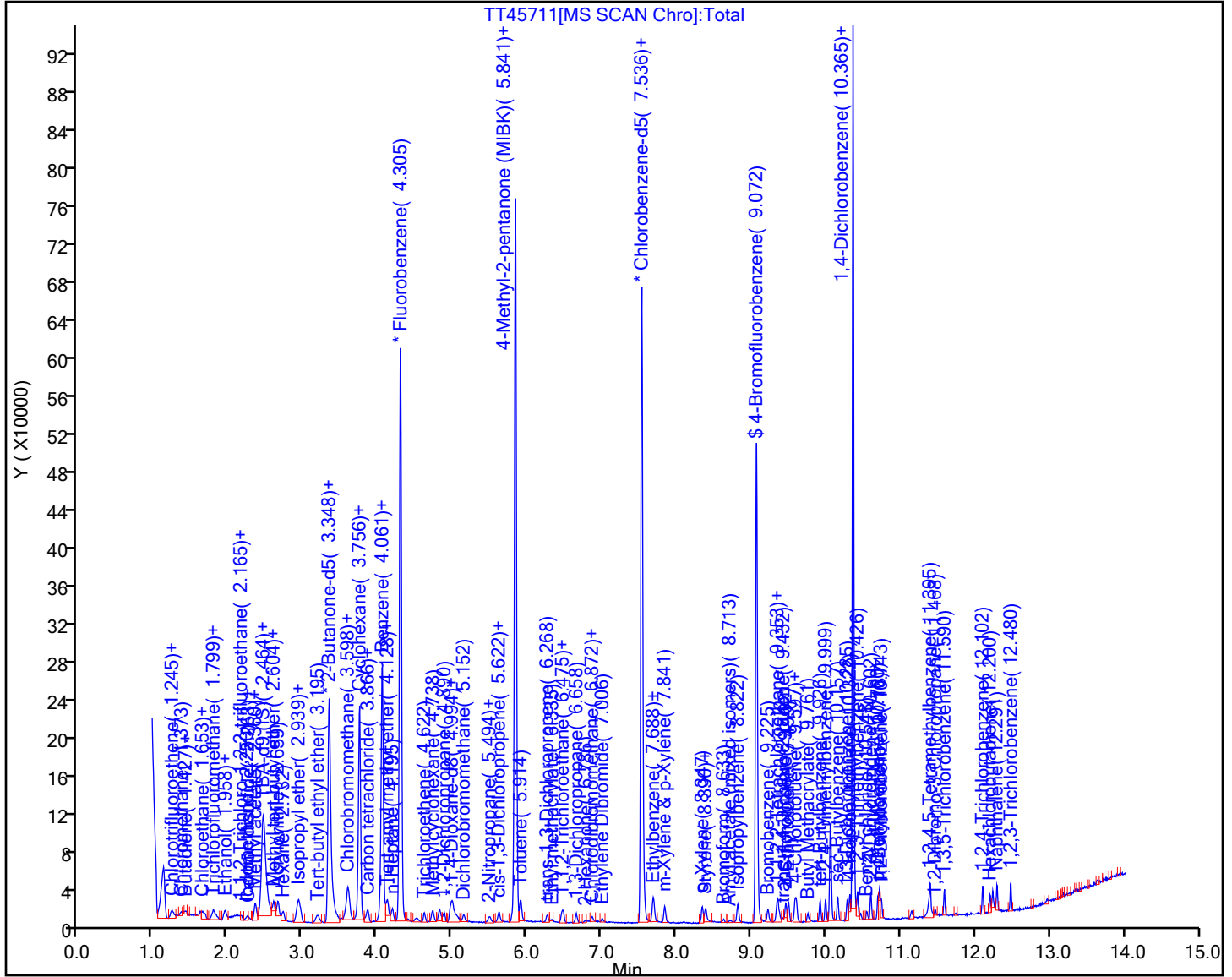
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

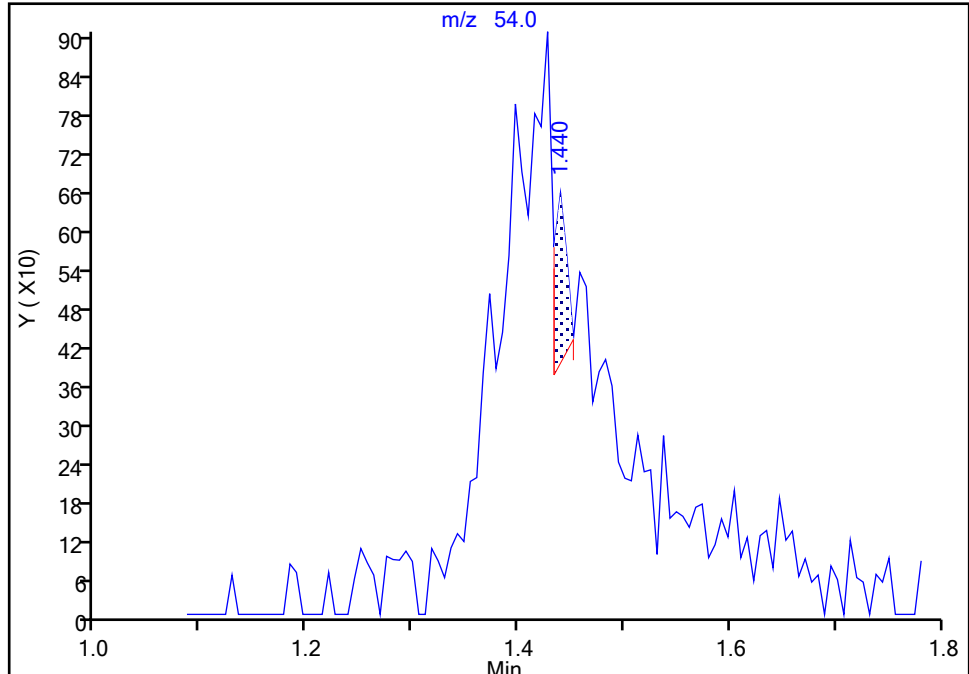
MS Quad

**8 Butadiene, CAS: 106-99-0**

Signal: 1

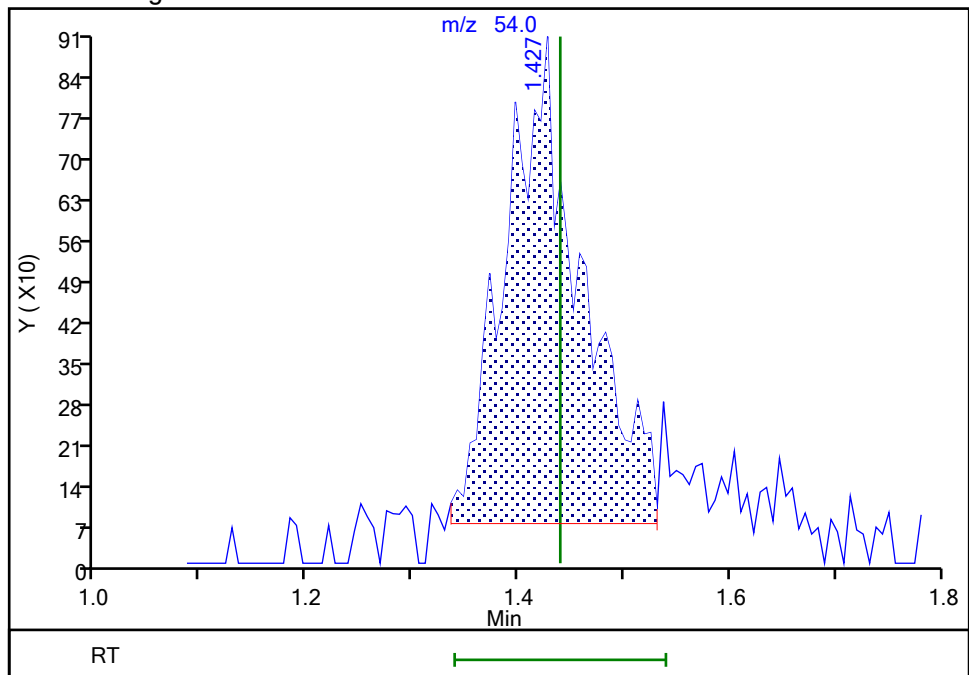
RT: 1.44  
Area: 223  
Amount: 0.045292  
Amount Units: ug/l

## Processing Integration Results



RT: 1.43  
Area: 4190  
Amount: 0.762804  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:53:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

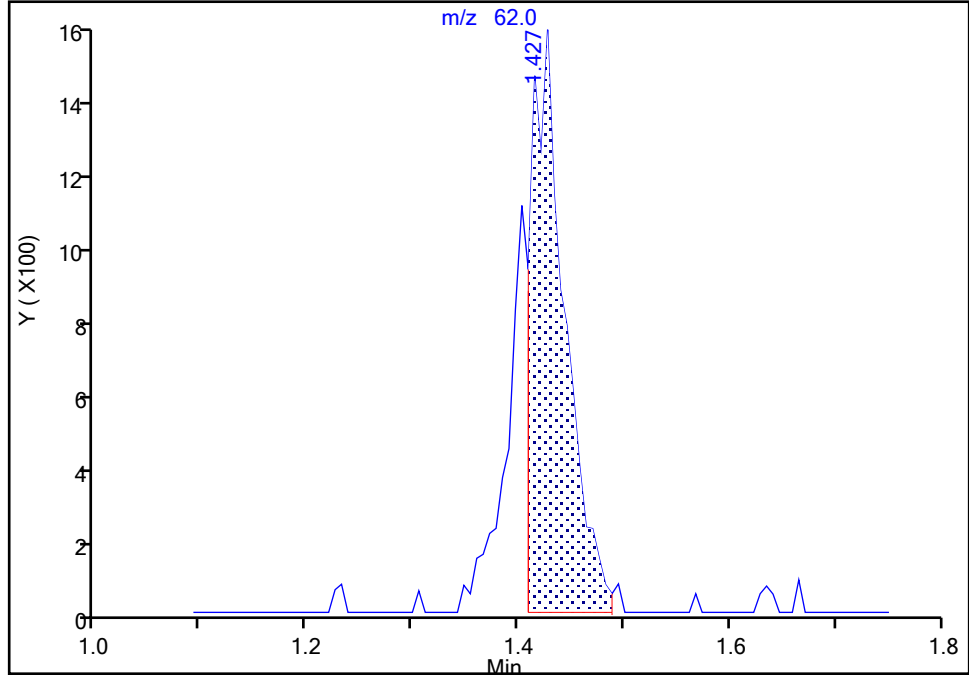
Detector: MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

Signal: 1

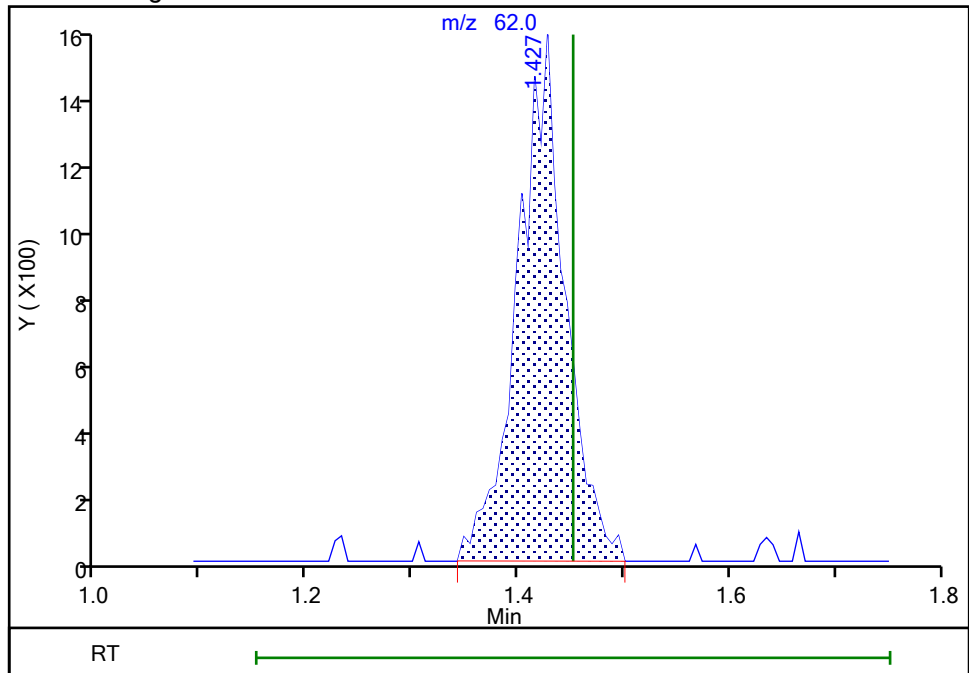
RT: 1.43  
Area: 3586  
Amount: 0.544258  
Amount Units: ug/l

## Processing Integration Results



RT: 1.43  
Area: 4940  
Amount: 0.741752  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:54:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

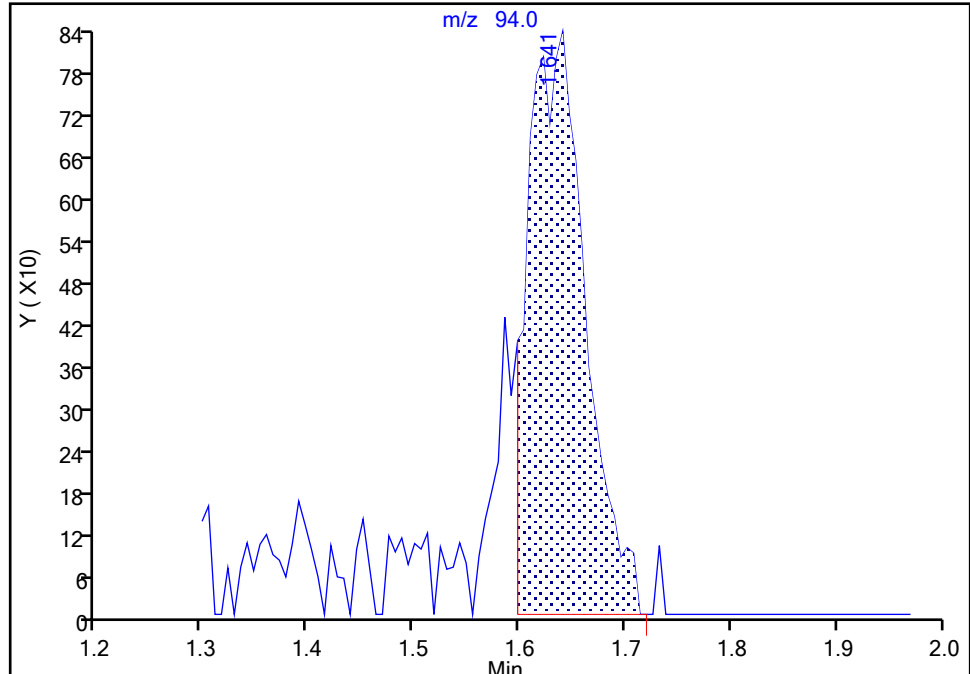
MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

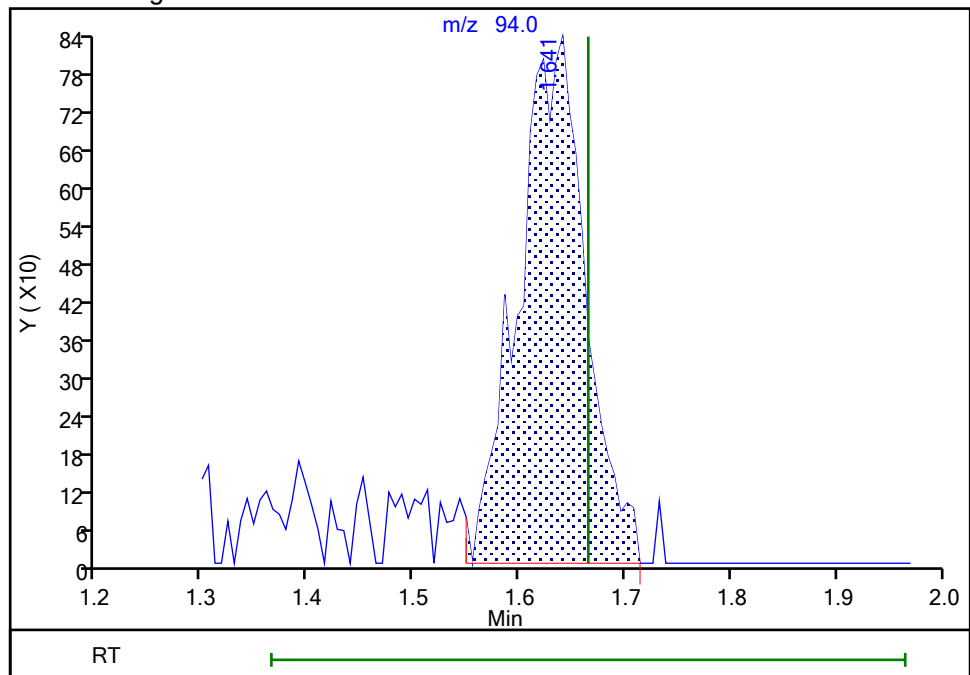
RT: 1.64  
Area: 3201  
Amount: 0.638135  
Amount Units: ug/l

## Processing Integration Results



RT: 1.64  
Area: 3727  
Amount: 0.920737  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:54:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

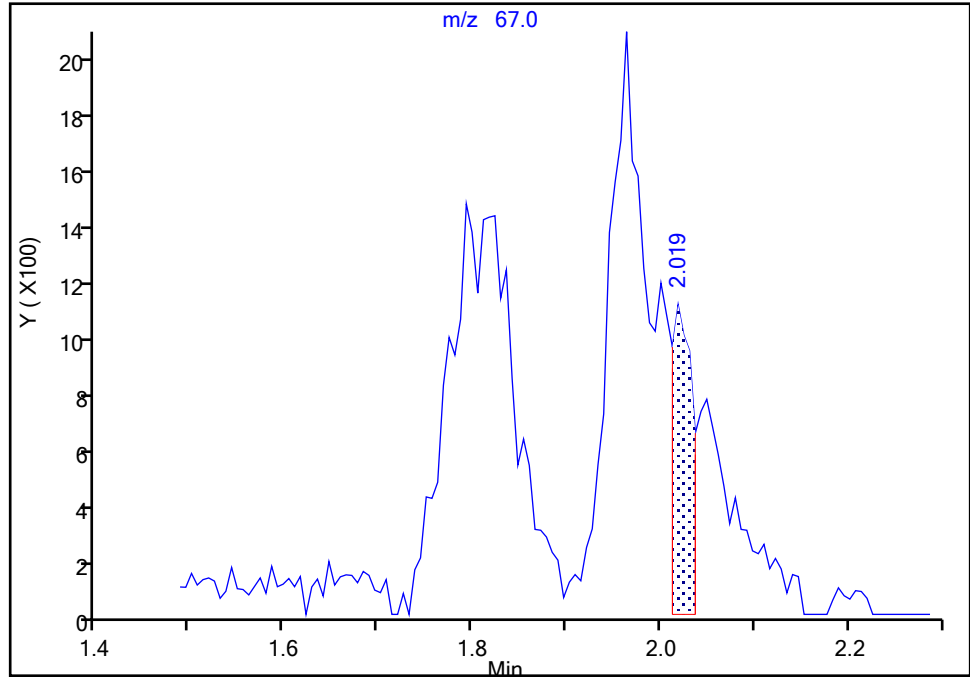
MS Quad

**11 Dichlorofluoromethane, CAS: 75-43-4**

Signal: 1

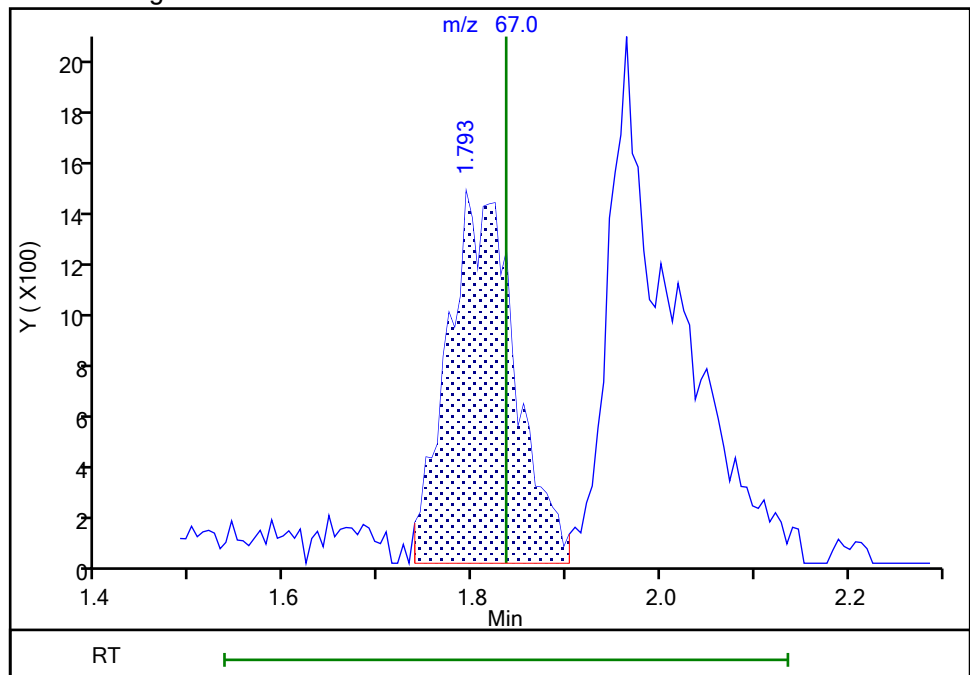
RT: 2.02  
Area: 1686  
Amount: 0.203359  
Amount Units: ug/l

## Processing Integration Results



RT: 1.79  
Area: 7274  
Amount: 0.826889  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:54:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

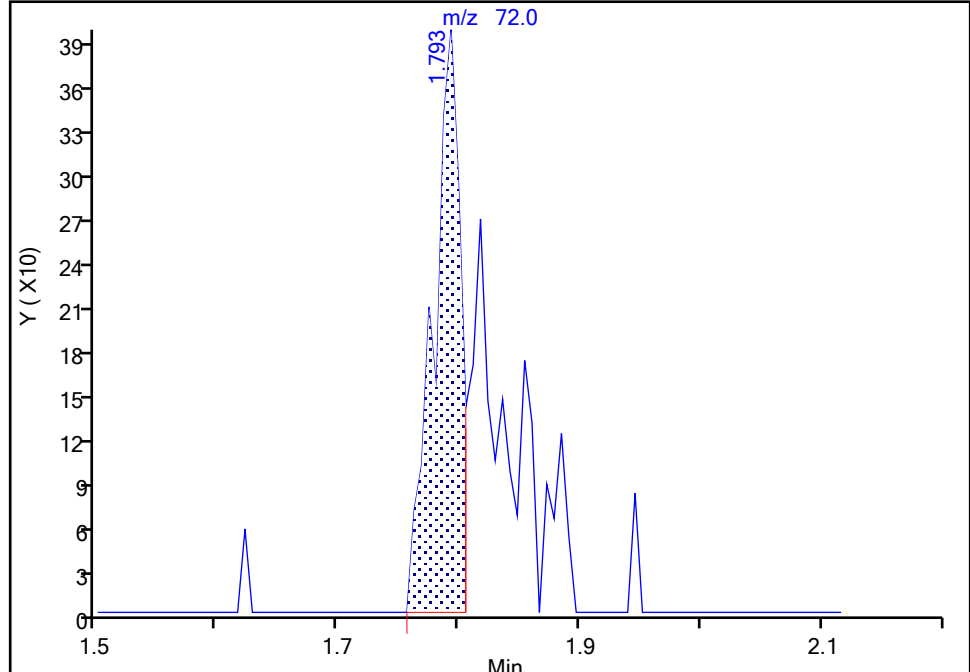
Detector: MS Quad

**13 Pentane, CAS: 109-66-0**

Signal: 1

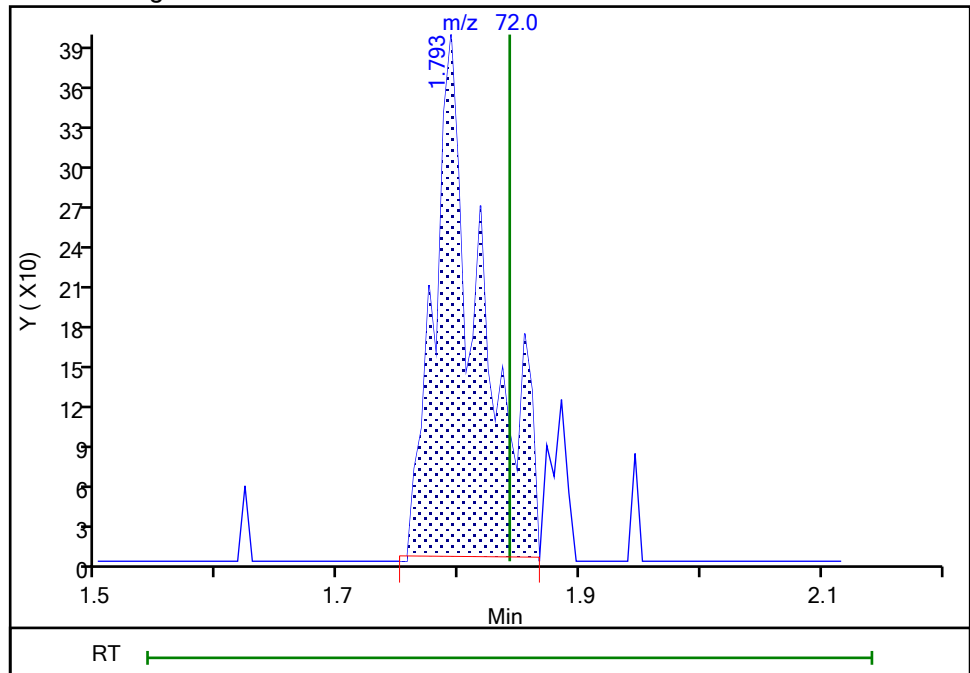
RT: 1.79  
Area: 612  
Amount: 0.926280  
Amount Units: ug/l

## Processing Integration Results



RT: 1.79  
Area: 1052  
Amount: 1.577770  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:54:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

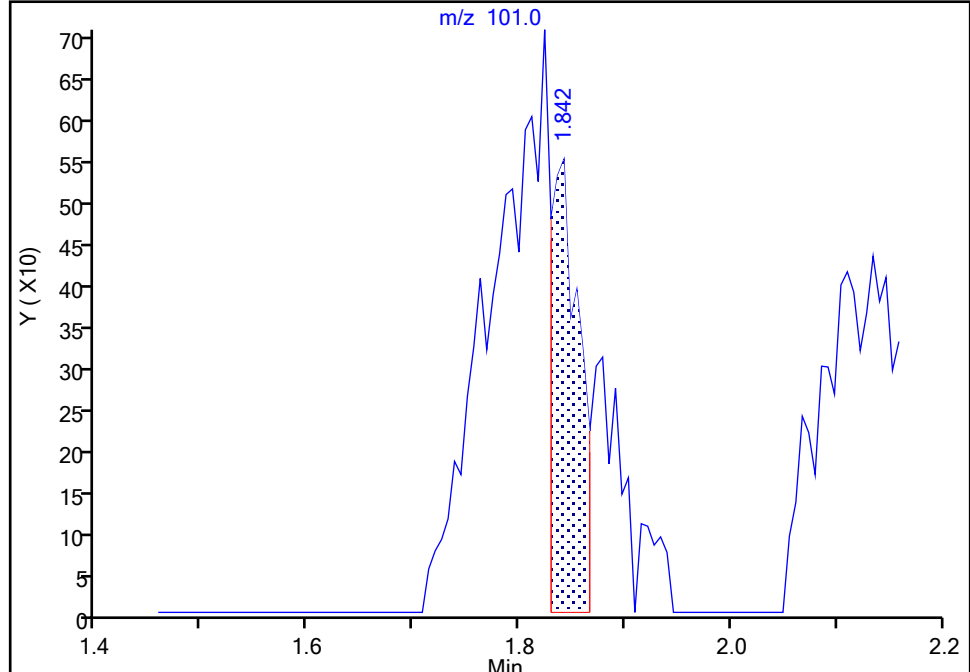
MS Quad

**12 Trichlorofluoromethane, CAS: 75-69-4**

Signal: 1

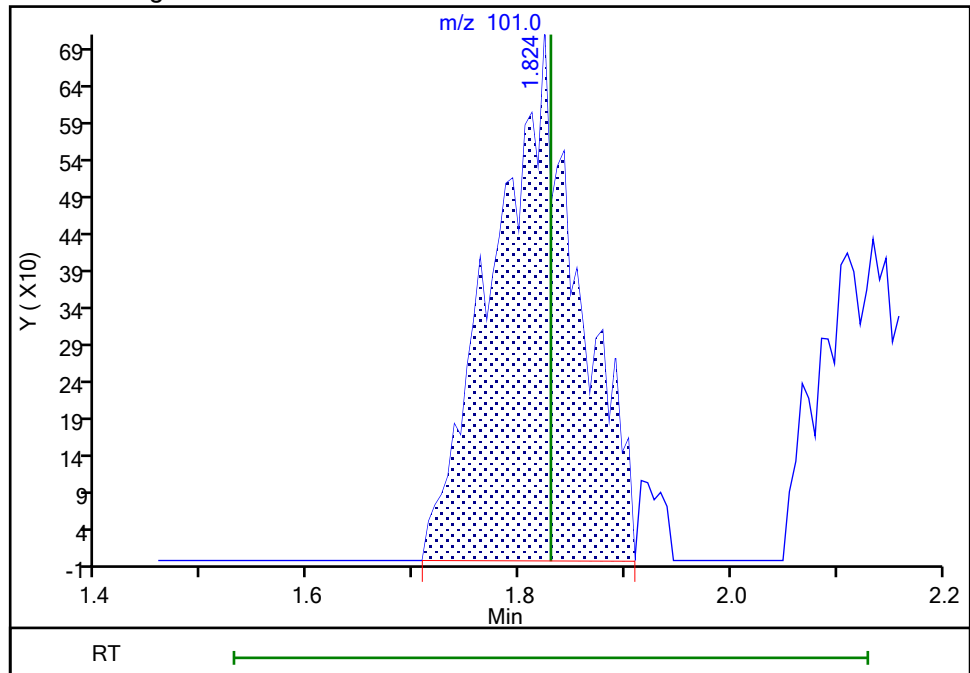
RT: 1.84  
Area: 1042  
Amount: 0.224719  
Amount Units: ug/l

## Processing Integration Results



RT: 1.82  
Area: 4005  
Amount: 0.808840  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:54:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
Injection Date: 12-Oct-2021 12:08:30 Instrument ID: CVOAMS17  
Lims ID: STD1  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260W\_17  
Column: DB-624 ( 0.18 mm)

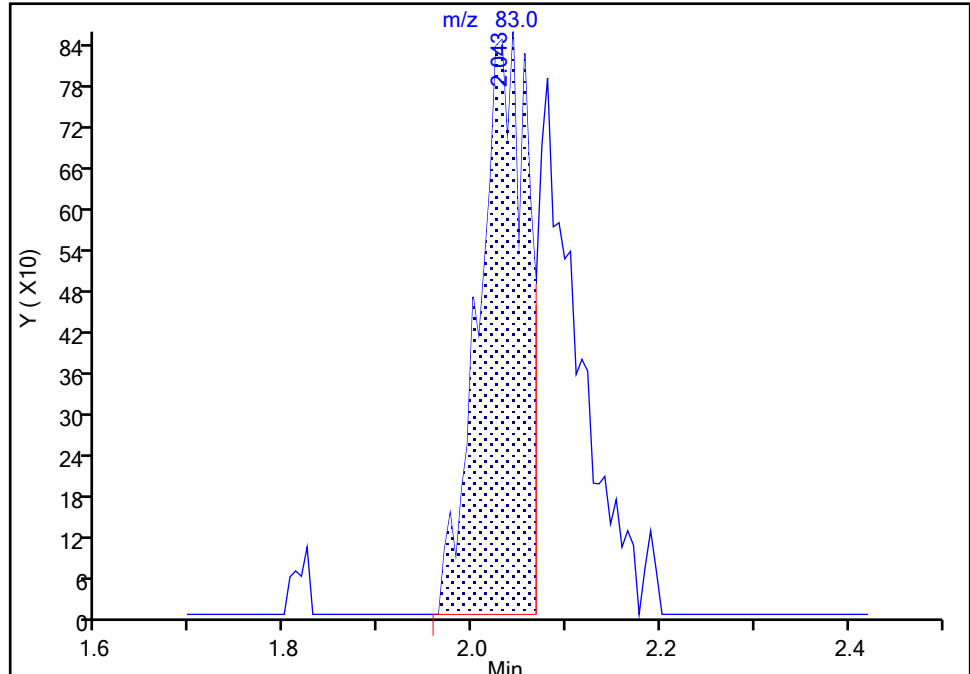
ALS Bottle#: 14 Worklist Smp#: 14  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

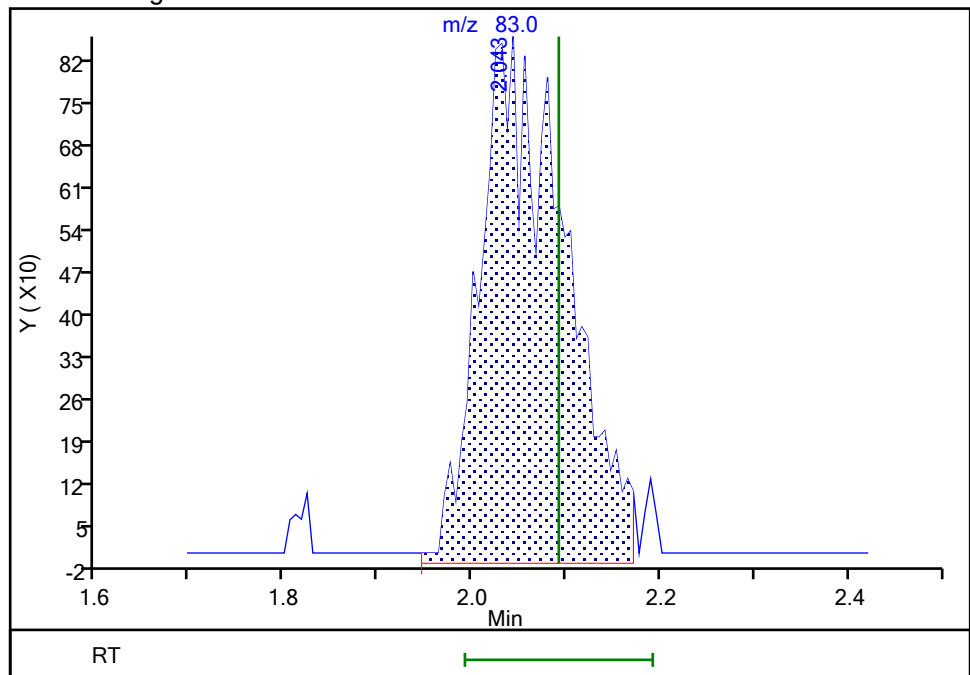
RT: 2.04  
Area: 3094  
Amount: 0.555023  
Amount Units: ug/l

## Processing Integration Results



RT: 2.04  
Area: 5519  
Amount: 0.941561  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:54:52  
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration  
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10/15/2021

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

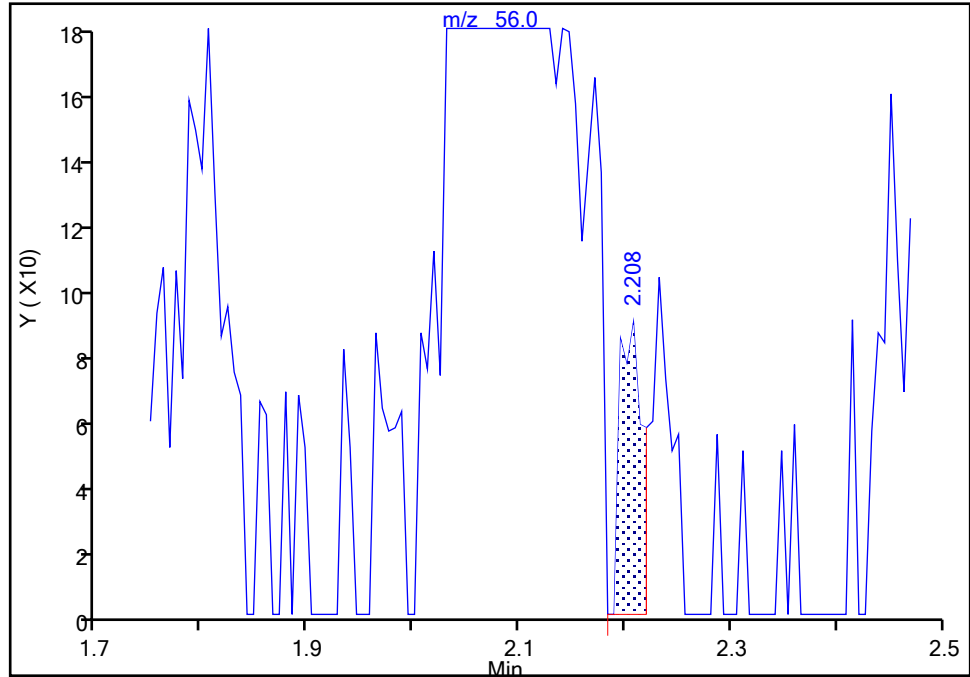
Detector: MS Quad

**19 Acrolein, CAS: 107-02-8**

Signal: 1

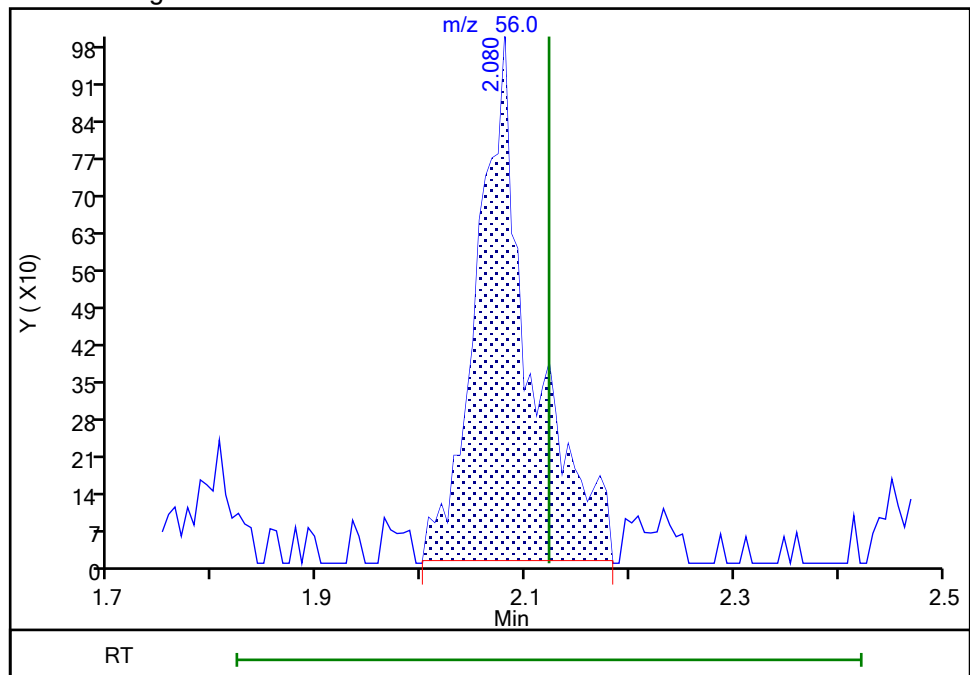
RT: 2.21  
Area: 133  
Amount: 0.172531  
Amount Units: ug/l

## Processing Integration Results



RT: 2.08  
Area: 3532  
Amount: 4.133665  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:55:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
Injection Date: 12-Oct-2021 12:08:30 Instrument ID: CVOAMS17  
Lims ID: STD1  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260W\_17  
Column: DB-624 ( 0.18 mm)

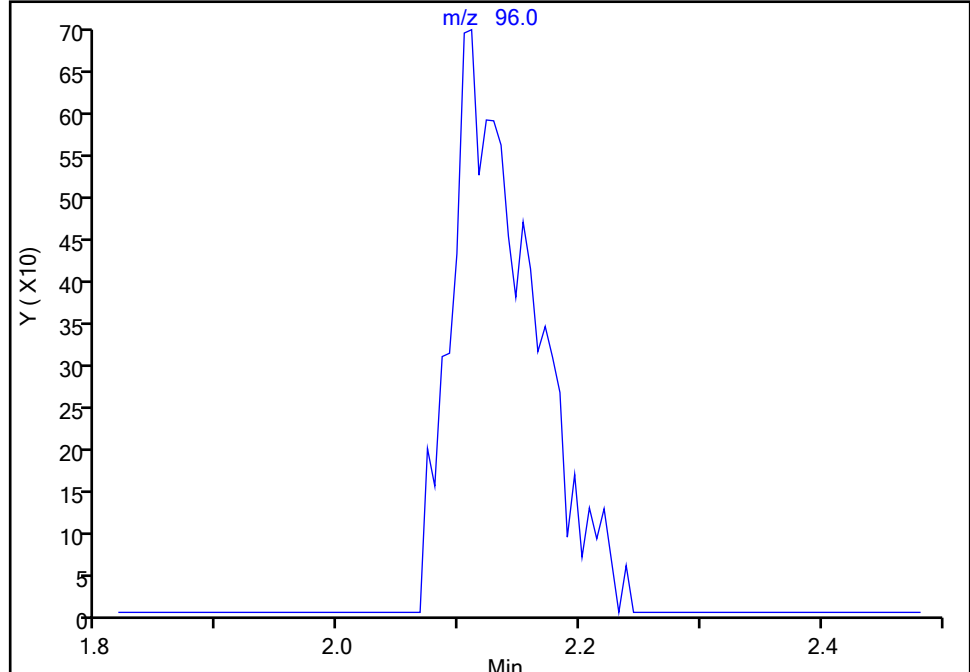
ALS Bottle#: 14 Worklist Smp#: 14  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector MS Quad

**21 1,1-Dichloroethene, CAS: 75-35-4**

Signal: 1

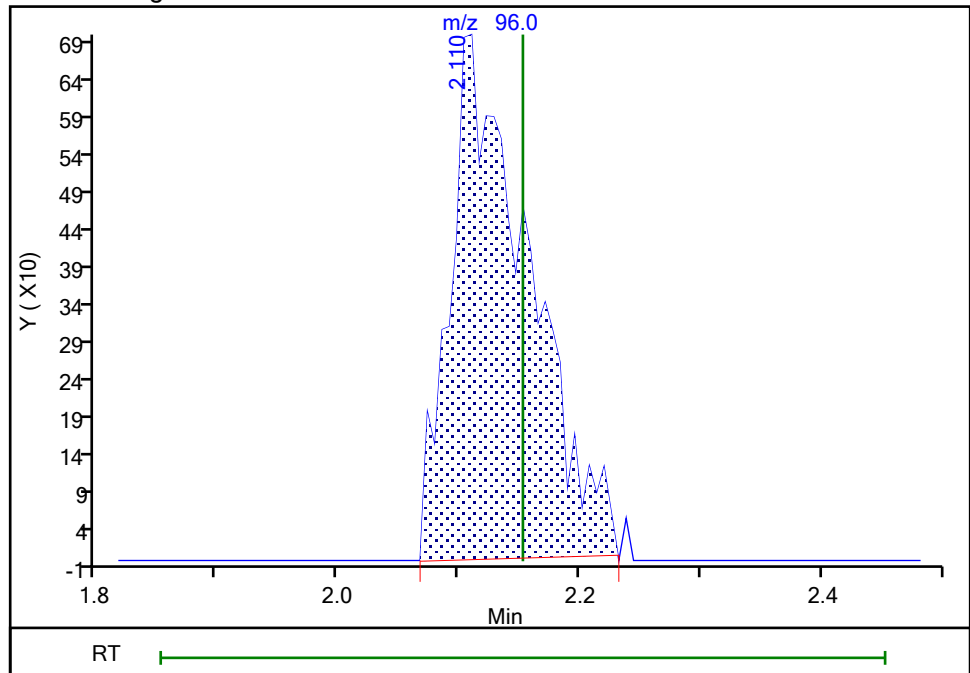
Not Detected  
Expected RT: 2.15

## Processing Integration Results



RT: 2.11  
Area: 3147  
Amount: 0.901916  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:55:16  
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration  
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10/15/2021

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

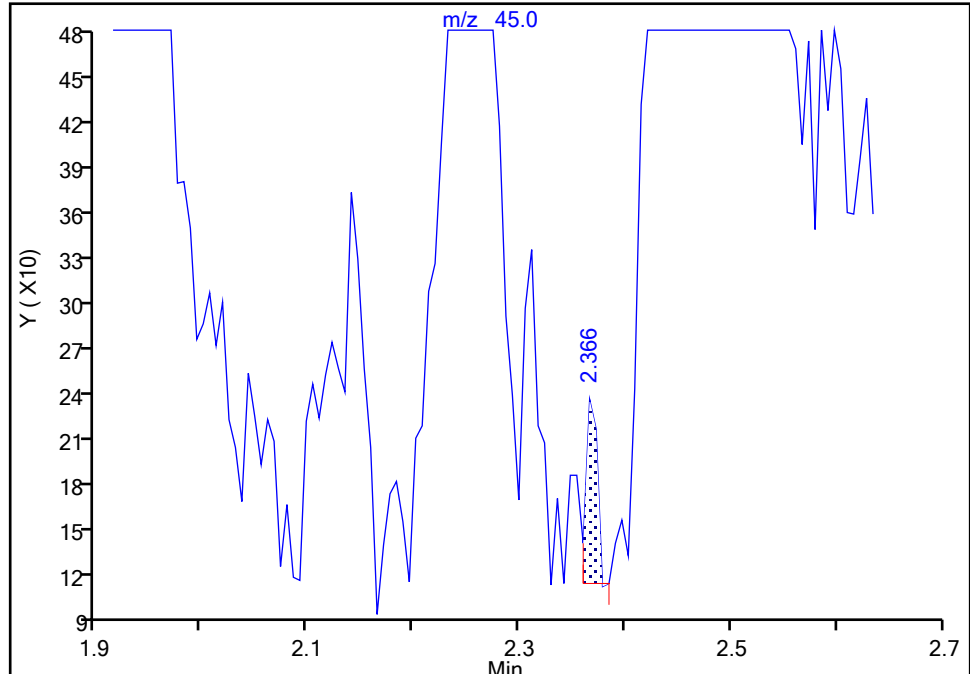
MS Quad

**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

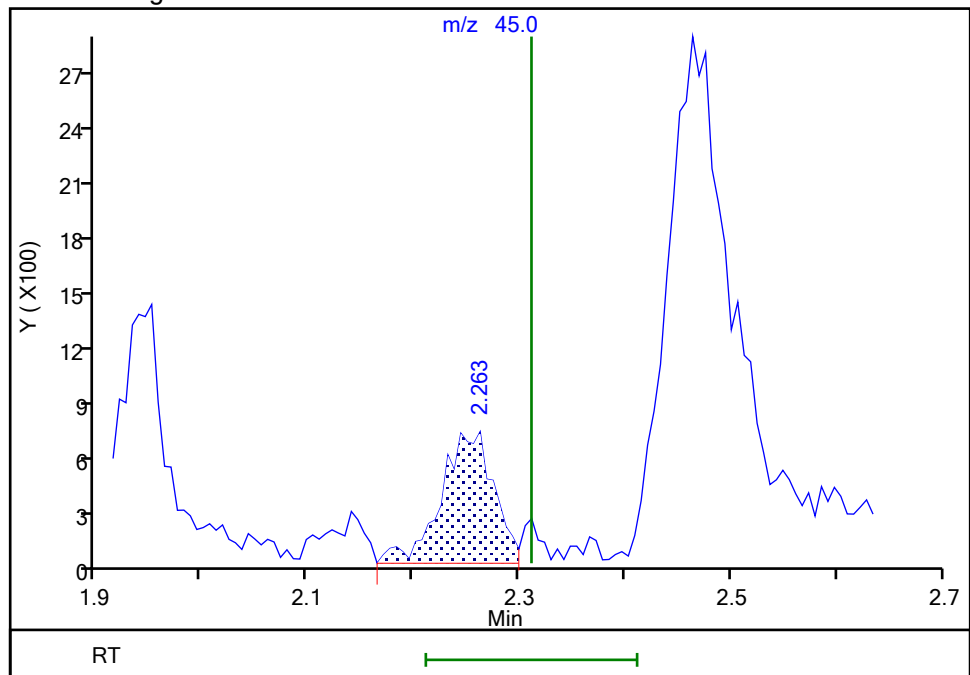
RT: 2.37  
Area: 89  
Amount: 0.372856  
Amount Units: ug/l

## Processing Integration Results



RT: 2.26  
Area: 2406  
Amount: 8.716042  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:55:31

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

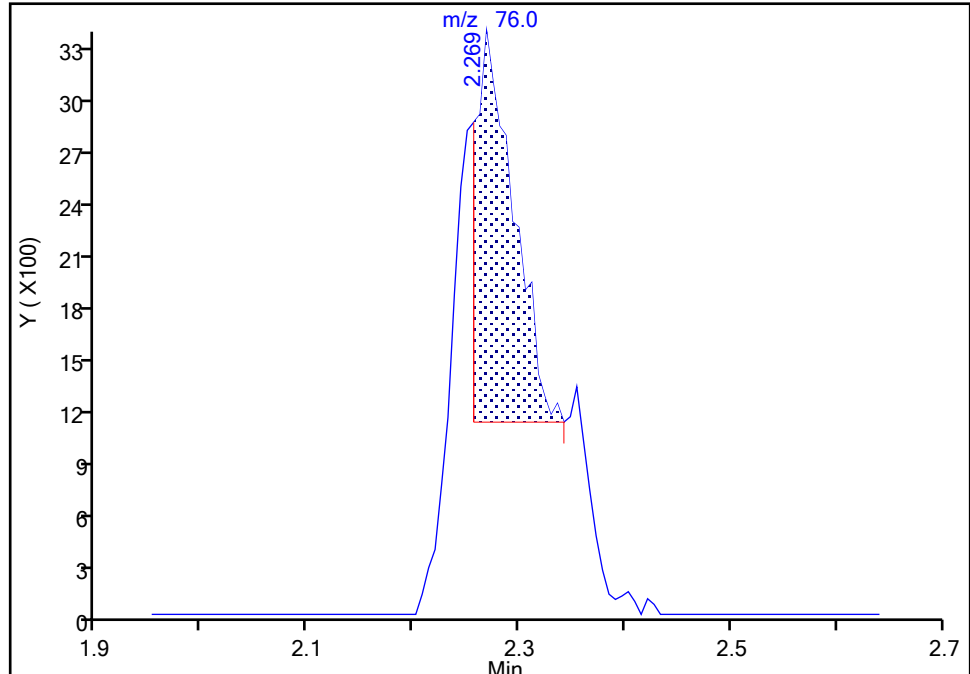
Detector: MS Quad

**24 Carbon disulfide, CAS: 75-15-0**

Signal: 1

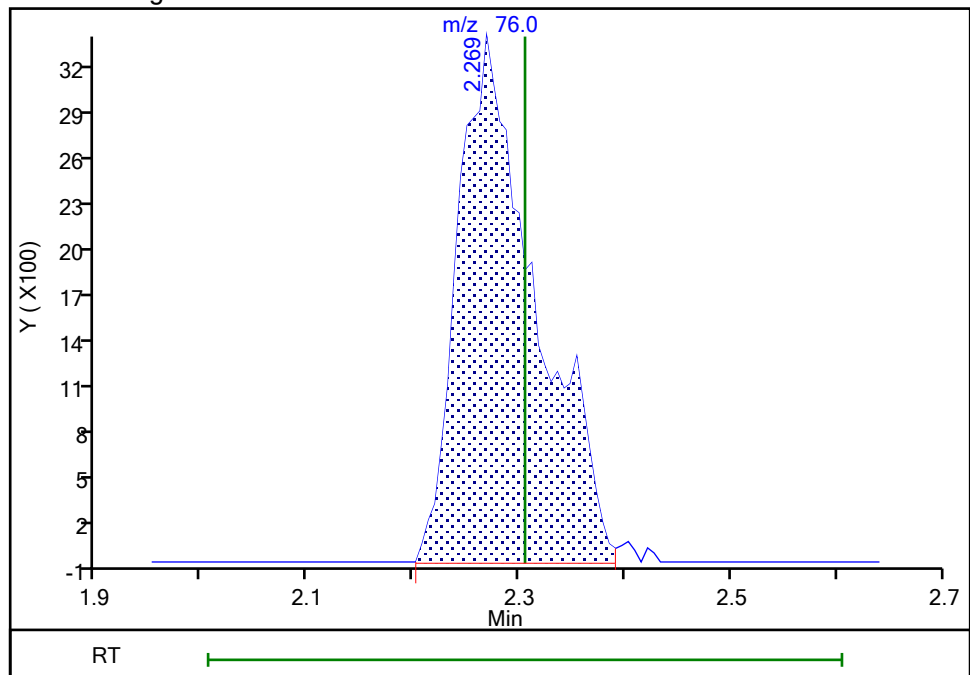
RT: 2.27  
Area: 5589  
Amount: 0.385682  
Amount Units: ug/l

## Processing Integration Results



RT: 2.27  
Area: 17033  
Amount: 1.069958  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:55:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

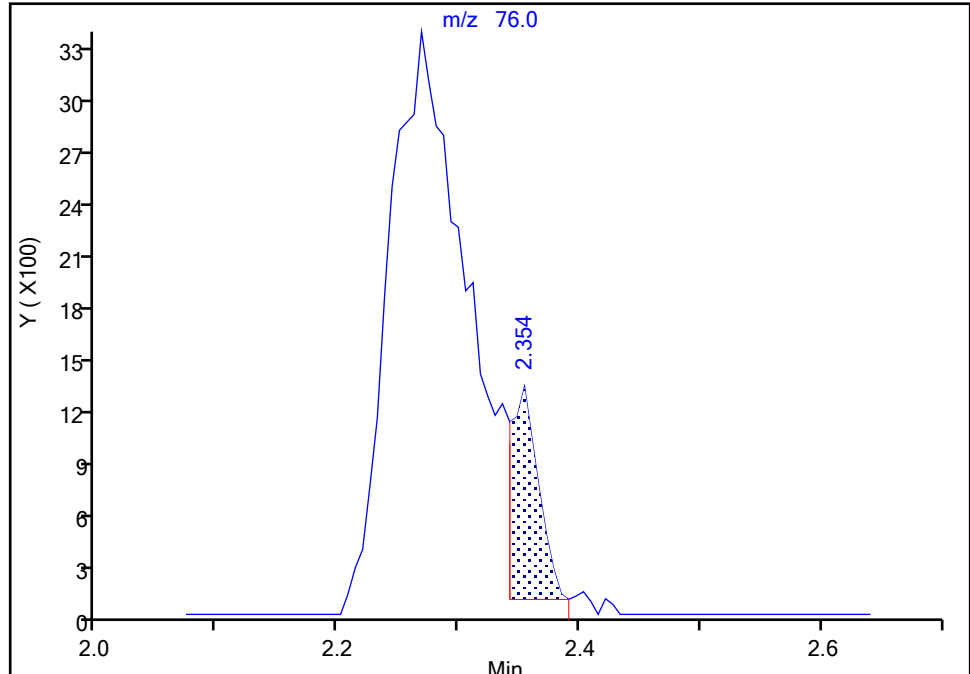
MS Quad

**26 3-Chloro-1-propene, CAS: 107-05-1**

Signal: 1

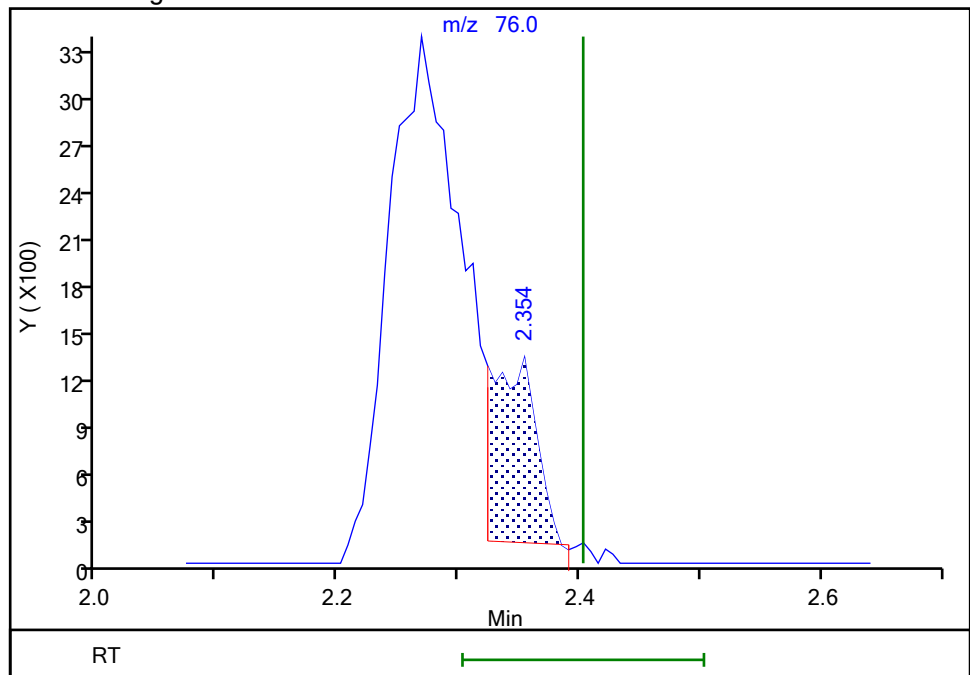
RT: 2.35  
Area: 1960  
Amount: 0.641484  
Amount Units: ug/l

## Processing Integration Results



RT: 2.35  
Area: 2984  
Amount: 0.946167  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:55:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

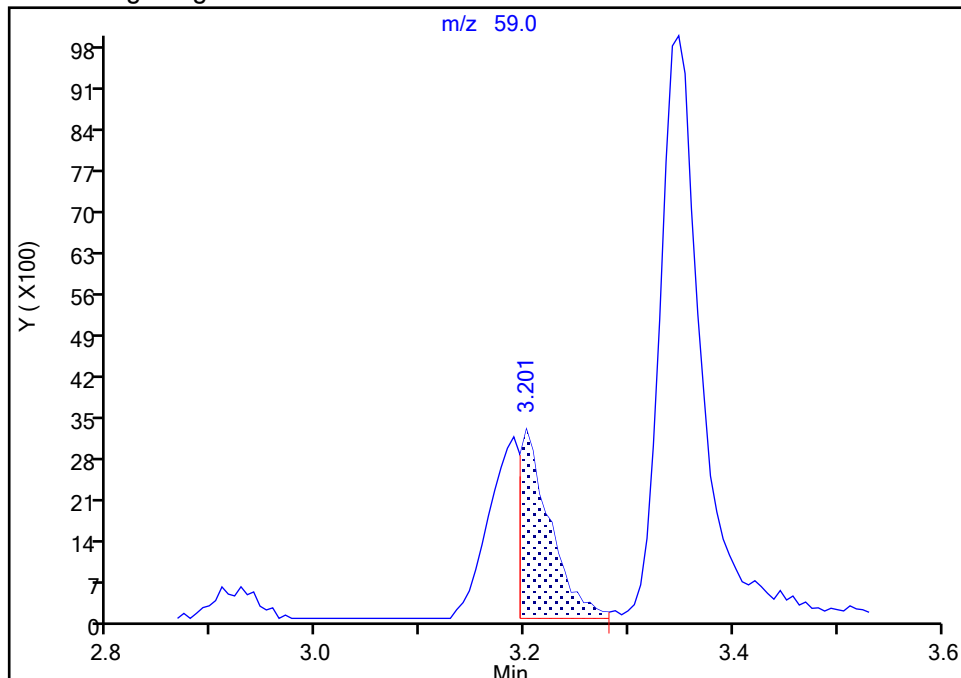
MS Quad

**41 Tert-butyl ethyl ether, CAS: 637-92-3**

Signal: 1

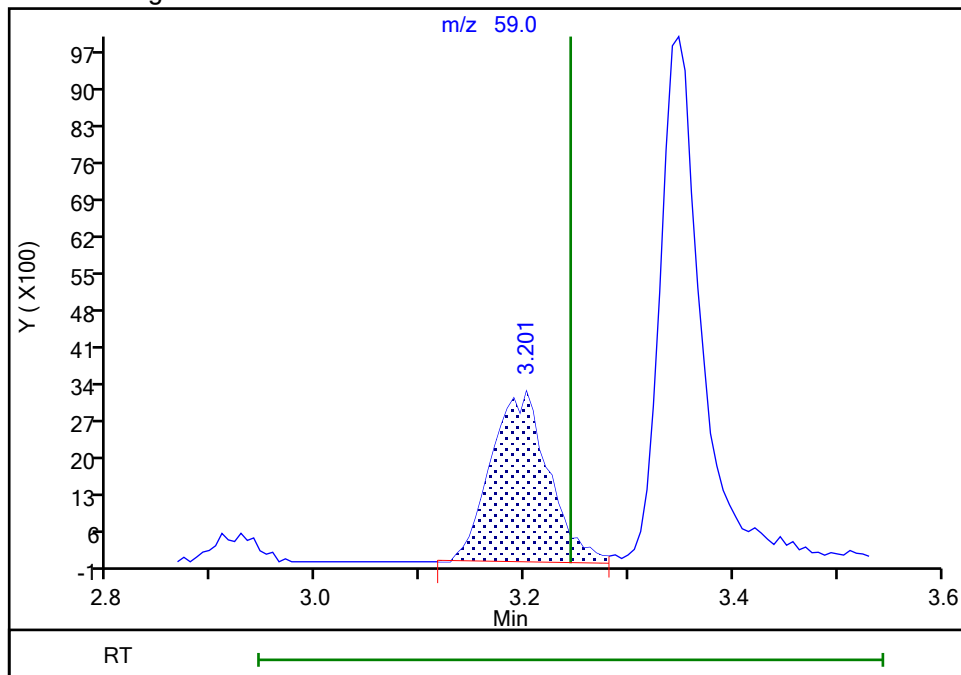
RT: 3.20  
Area: 6656  
Amount: 0.475631  
Amount Units: ug/l

## Processing Integration Results



RT: 3.20  
Area: 12336  
Amount: 0.838356  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:55:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

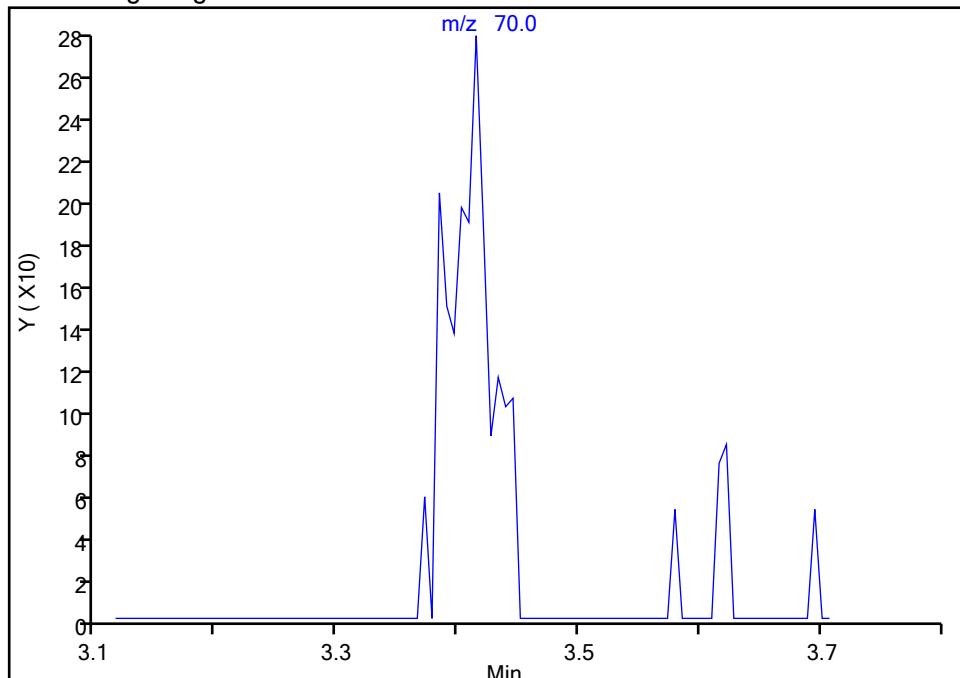
**46 Ethyl acetate, CAS: 141-78-6**

Signal: 1

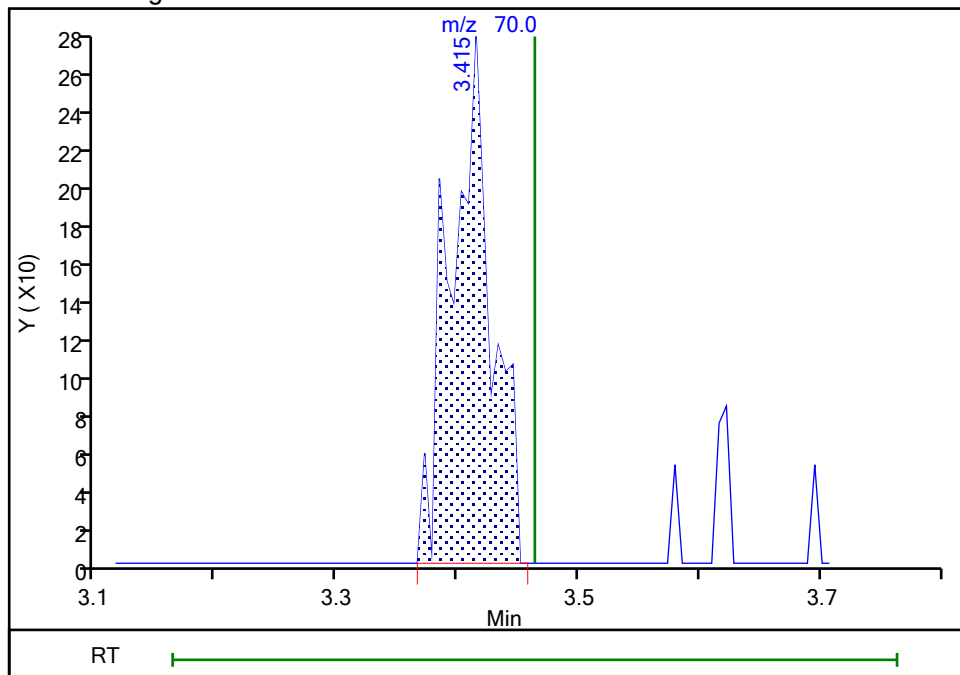
Not Detected

Expected RT: 3.46

## Processing Integration Results



## Manual Integration Results



RT: 3.41

Area: 659

Amount: 1.724083

Amount Units: ug/l

Reviewer: desais, 12-Oct-2021 12:55:57

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

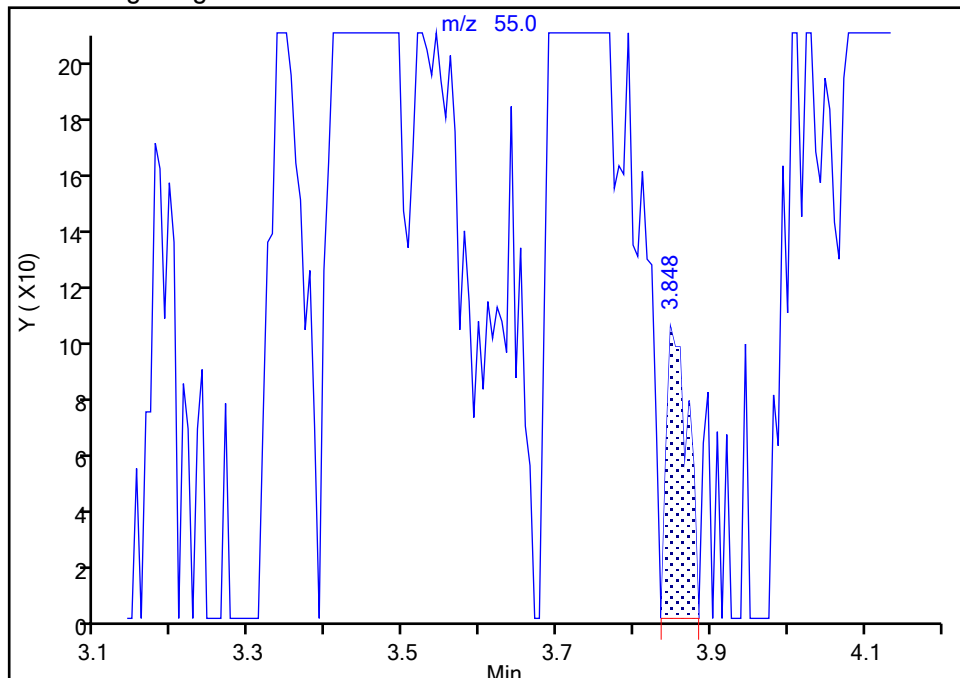
MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

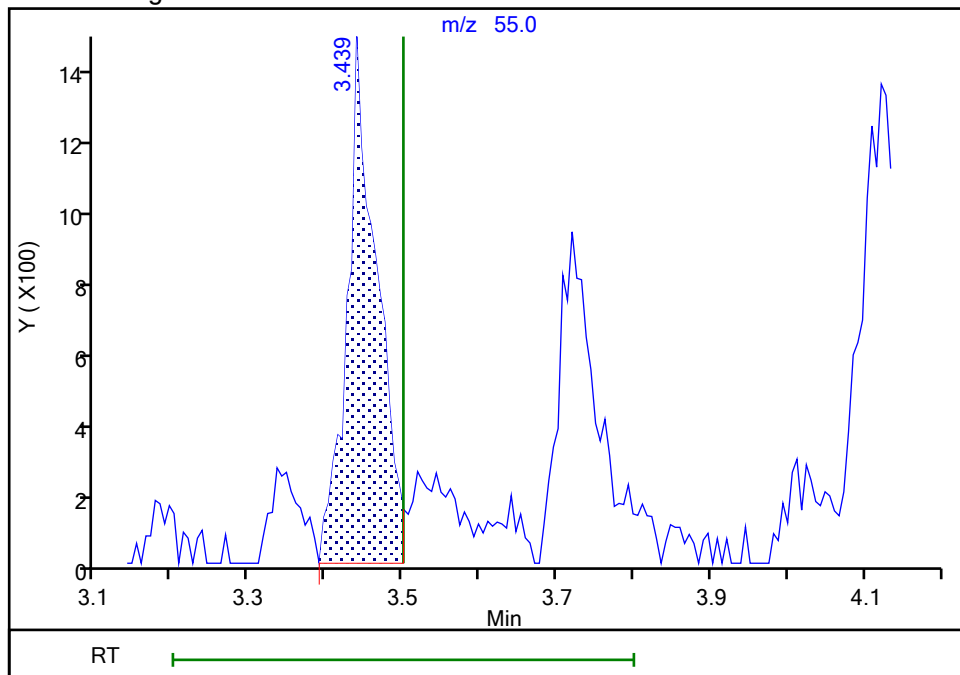
RT: 3.85  
Area: 196  
Amount: 0.069889  
Amount Units: ug/l

## Processing Integration Results



RT: 3.44  
Area: 3790  
Amount: 0.959540  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:33:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

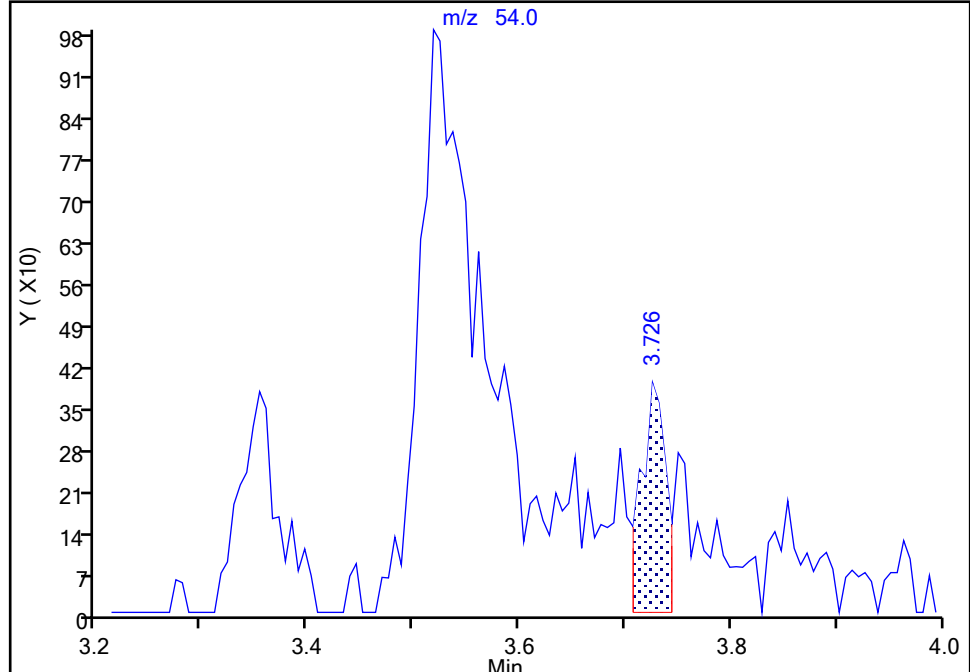
Detector: MS Quad

**48 Propionitrile, CAS: 107-12-0**

Signal: 1

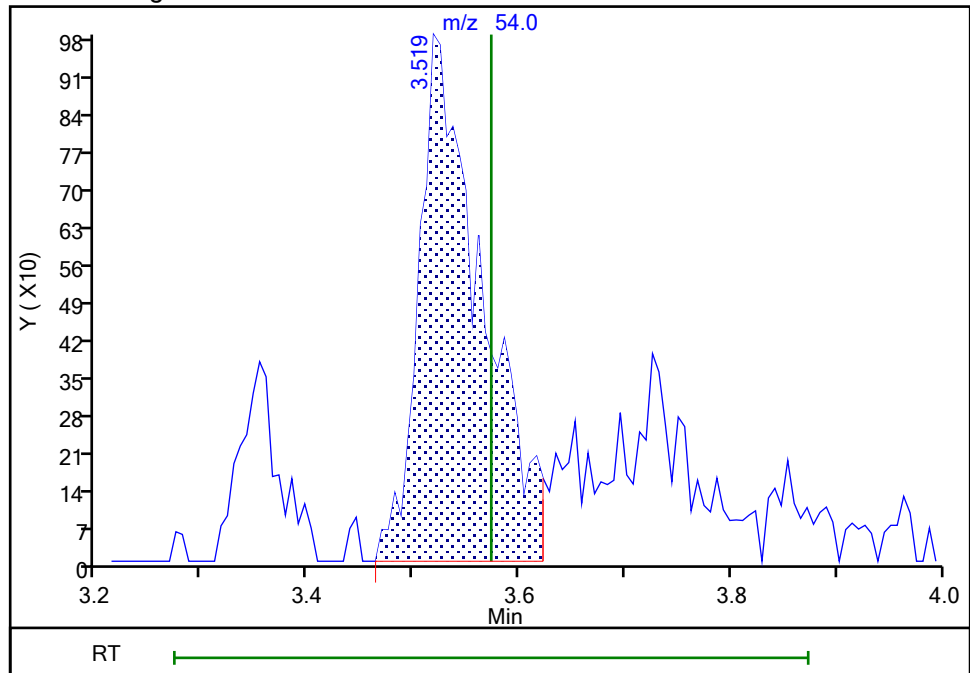
RT: 3.73  
Area: 642  
Amount: 1.790201  
Amount Units: ug/l

## Processing Integration Results



RT: 3.52  
Area: 4063  
Amount: 9.065314  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:56:01

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

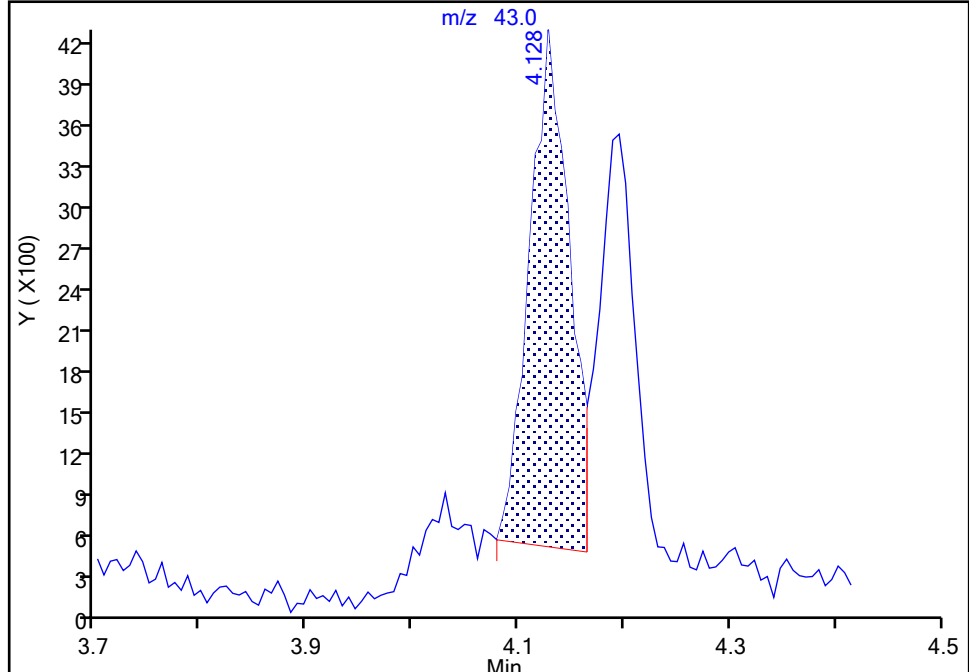
Detector: MS Quad

**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

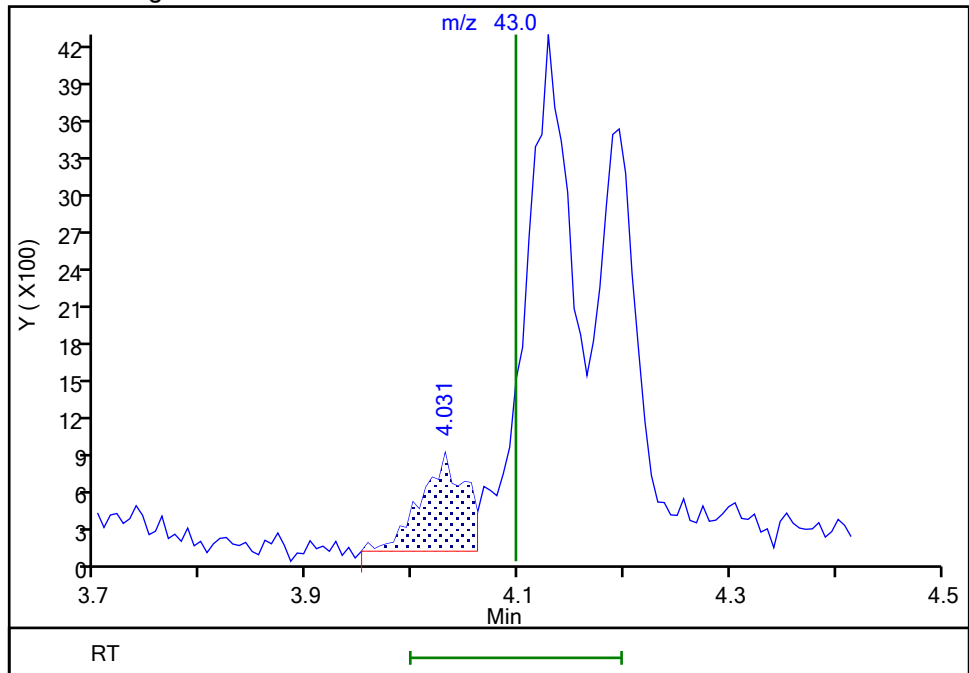
RT: 4.13  
Area: 9786  
Amount: 21.821072  
Amount Units: ug/l

## Processing Integration Results



RT: 4.03  
Area: 2292  
Amount: 25.895076  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:33:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

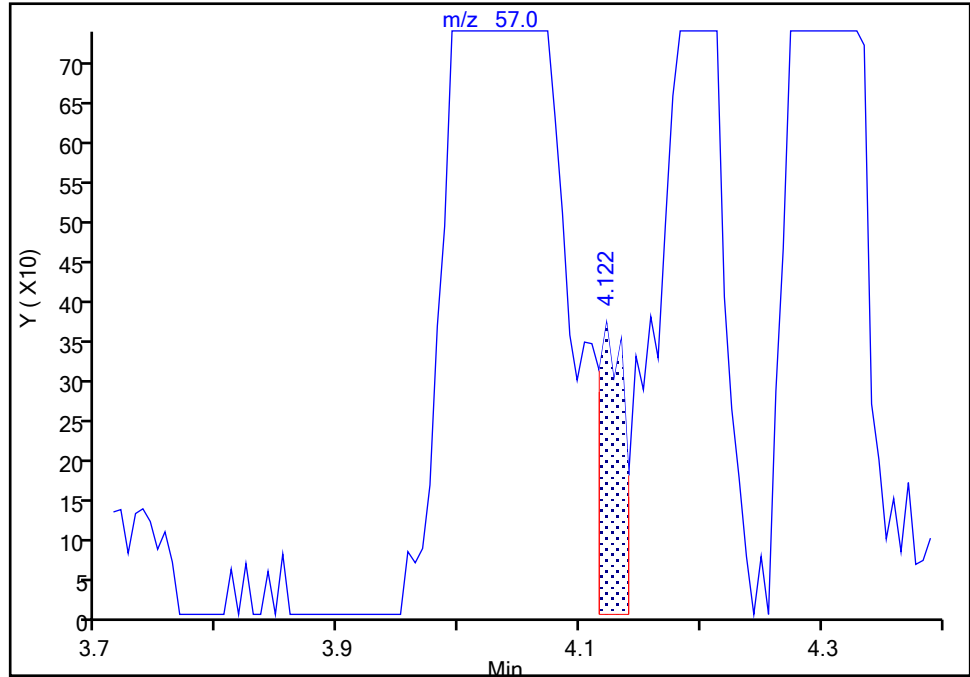
MS Quad

**59 Isooctane, CAS: 540-84-1**

Signal: 1

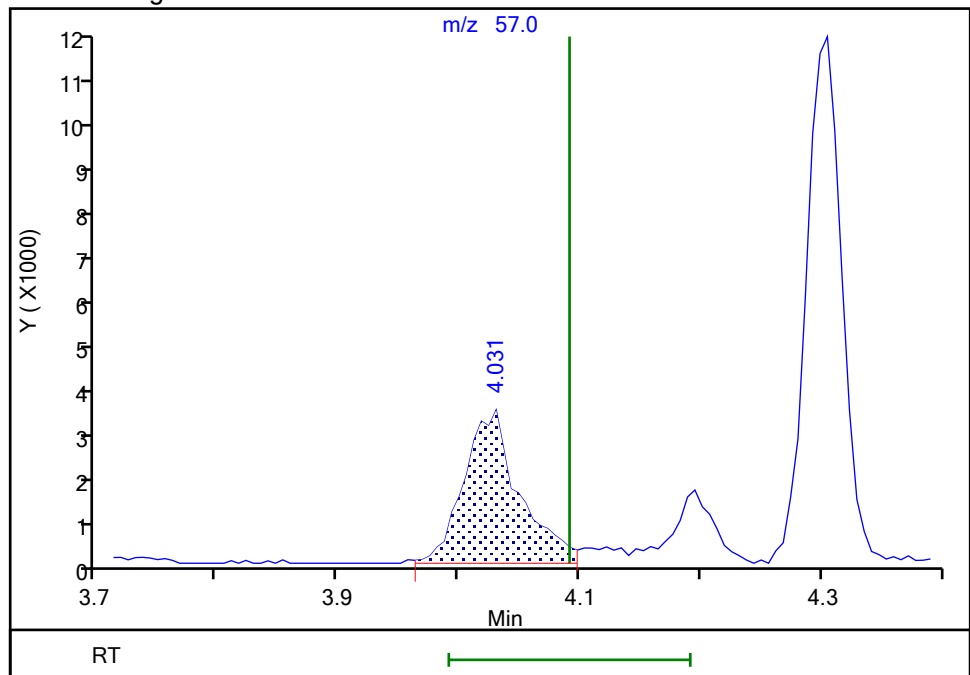
RT: 4.12  
Area: 545  
Amount: 0.038139  
Amount Units: ug/l

## Processing Integration Results



RT: 4.03  
Area: 10936  
Amount: 0.705904  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:56:15

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

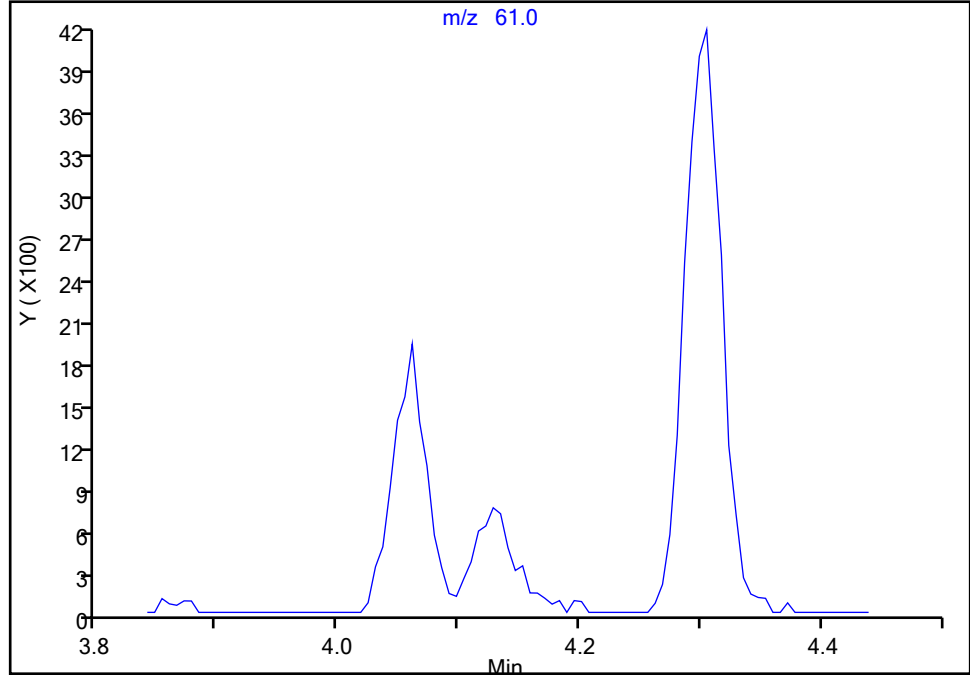
**63 Isopropyl acetate, CAS: 108-21-4**

Signal: 1

Not Detected

Expected RT: 4.19

## Processing Integration Results



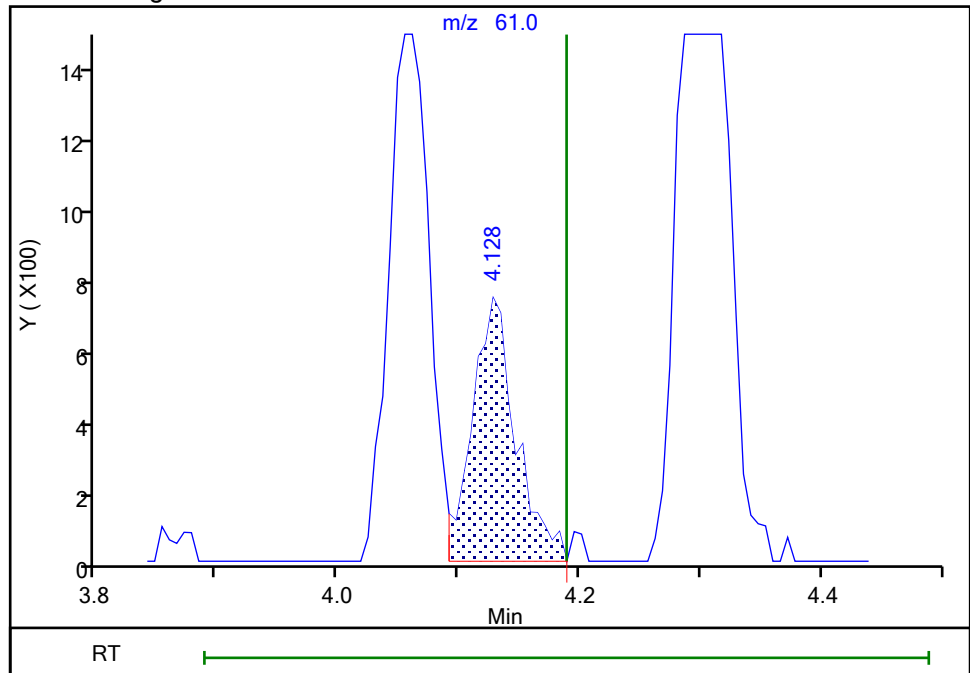
RT: 4.13

Area: 1846

Amount: 0.830151

Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:56:21

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

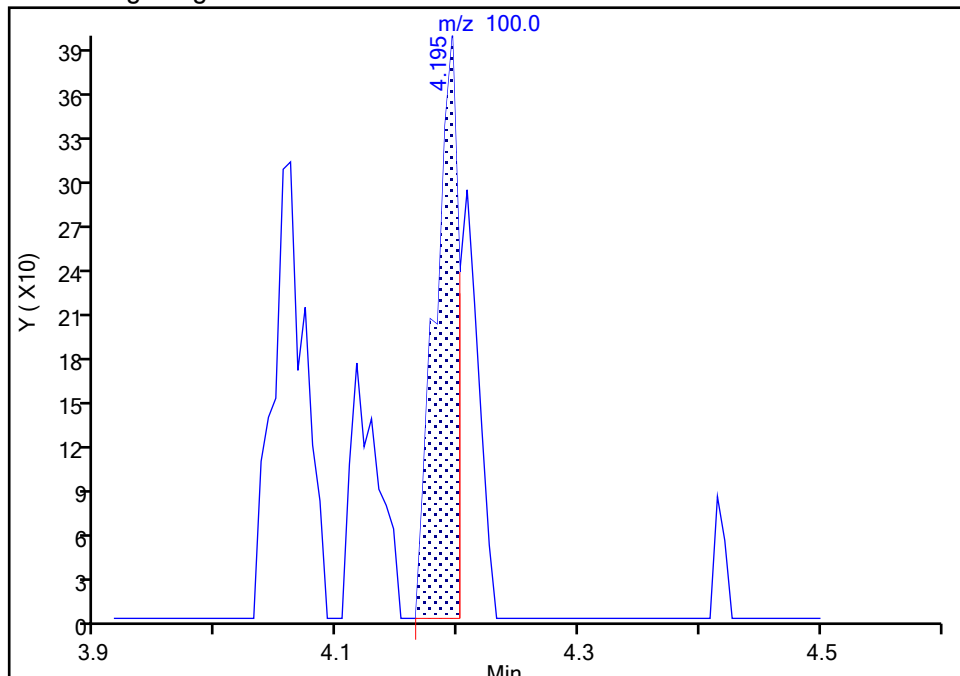
MS Quad

**65 n-Heptane, CAS: 142-82-5**

Signal: 1

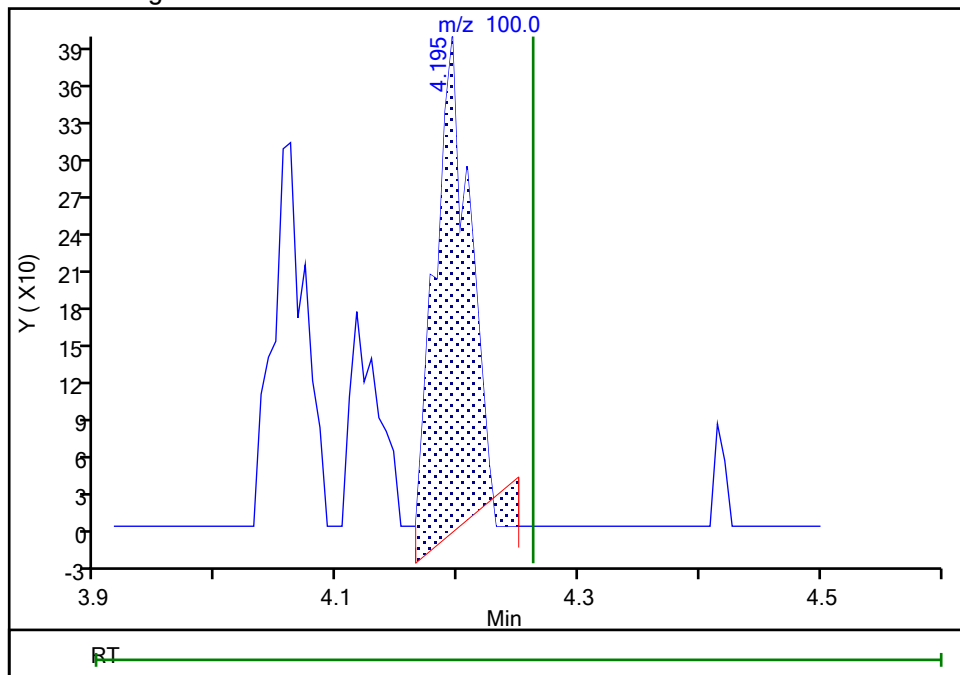
RT: 4.20  
Area: 536  
Amount: 0.673381  
Amount Units: ug/l

## Processing Integration Results



RT: 4.20  
Area: 759  
Amount: 0.937058  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:56:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

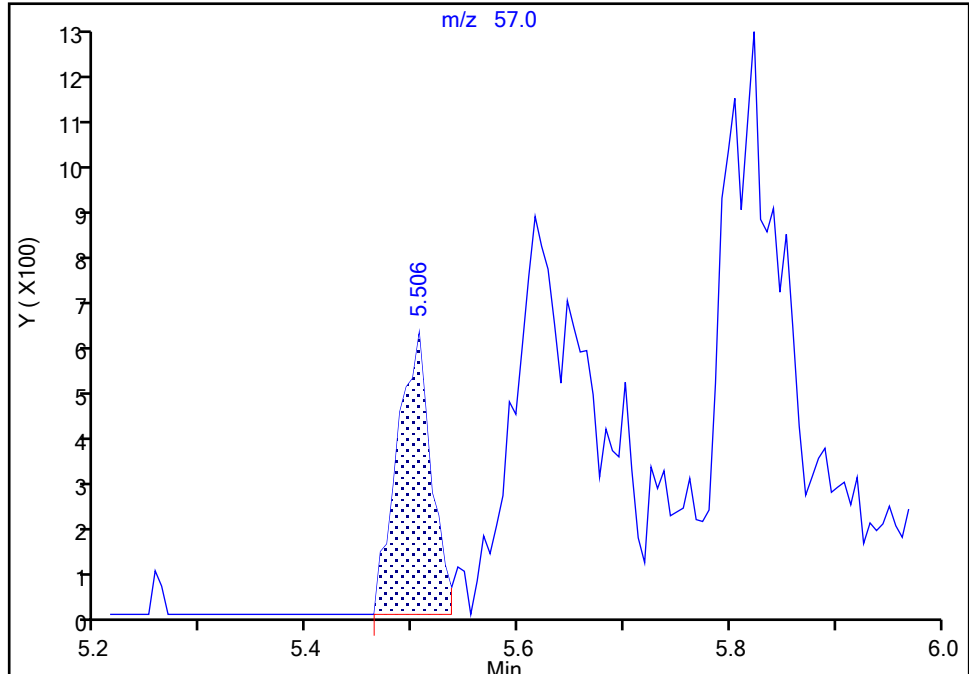
MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 1

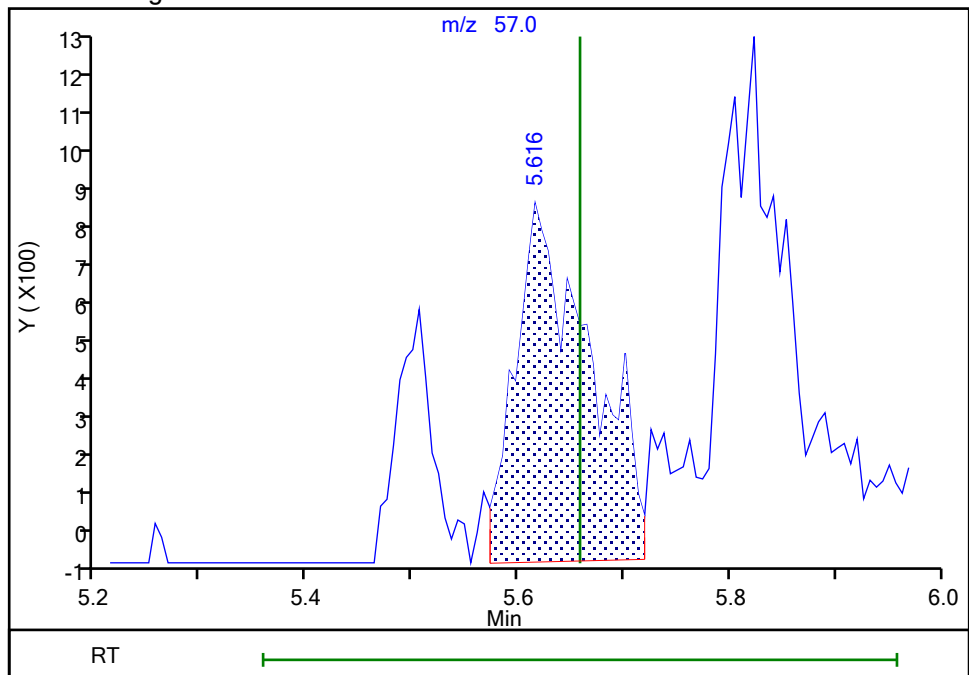
RT: 5.51  
Area: 1308  
Amount: 3.316781  
Amount Units: ug/l

## Processing Integration Results



RT: 5.62  
Area: 4105  
Amount: 10.408289  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:50:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

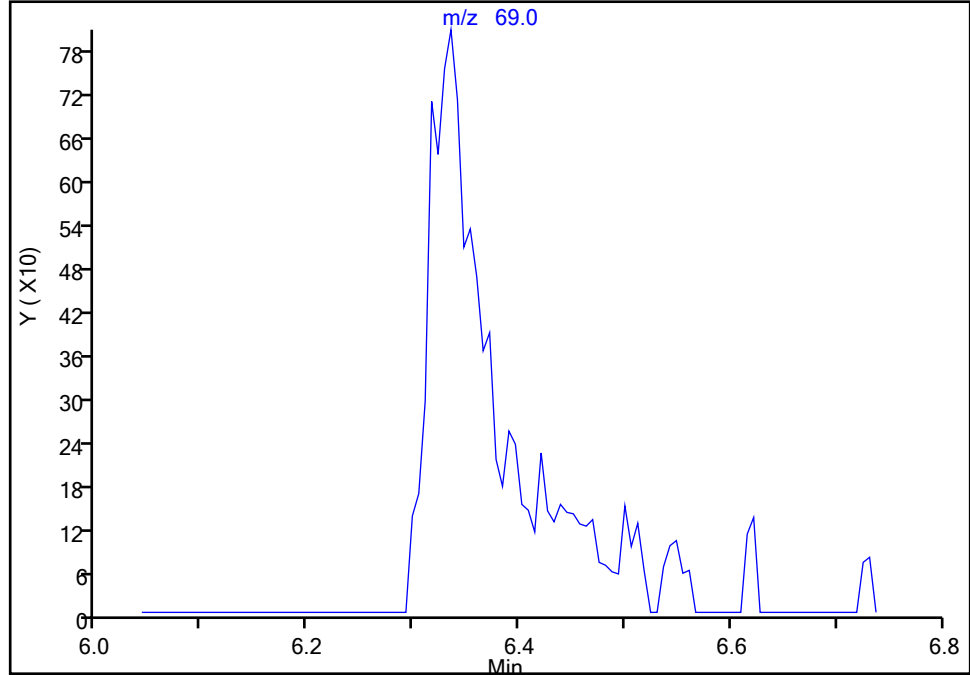
**86 Ethyl methacrylate, CAS: 97-63-2**

Signal: 1

Not Detected

Expected RT: 6.39

## Processing Integration Results



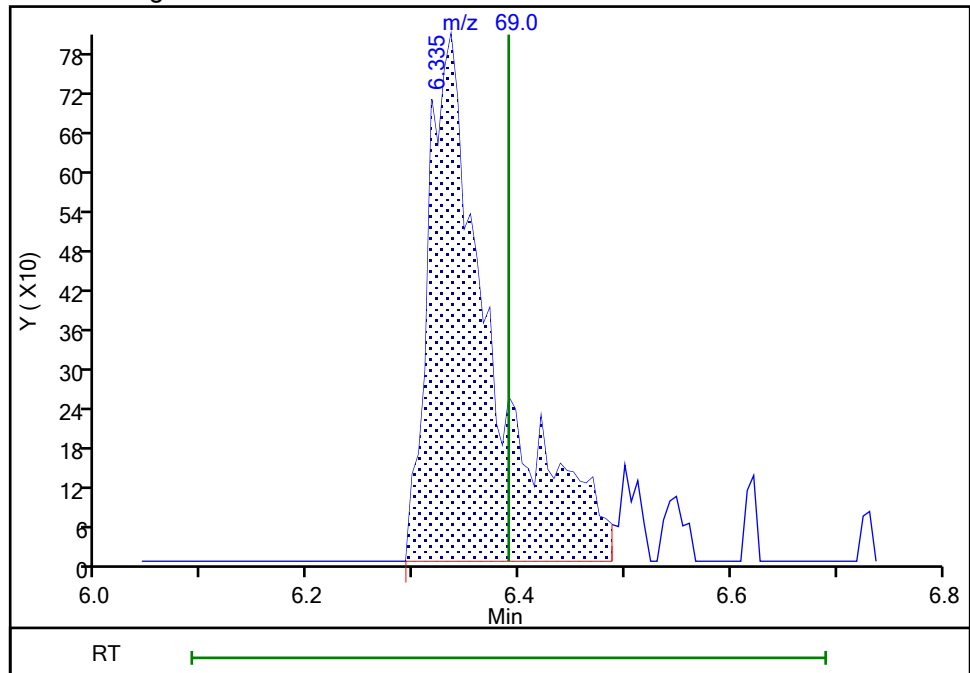
RT: 6.34

Area: 3353

Amount: 1.016401

Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:53:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

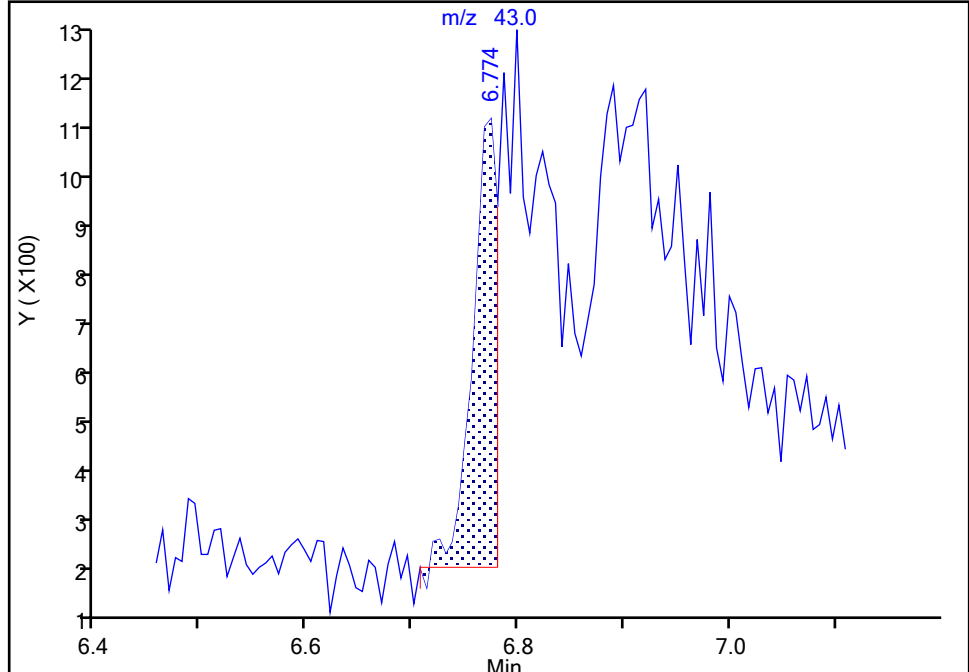
Detector: MS Quad

**90 2-Hexanone, CAS: 591-78-6**

Signal: 1

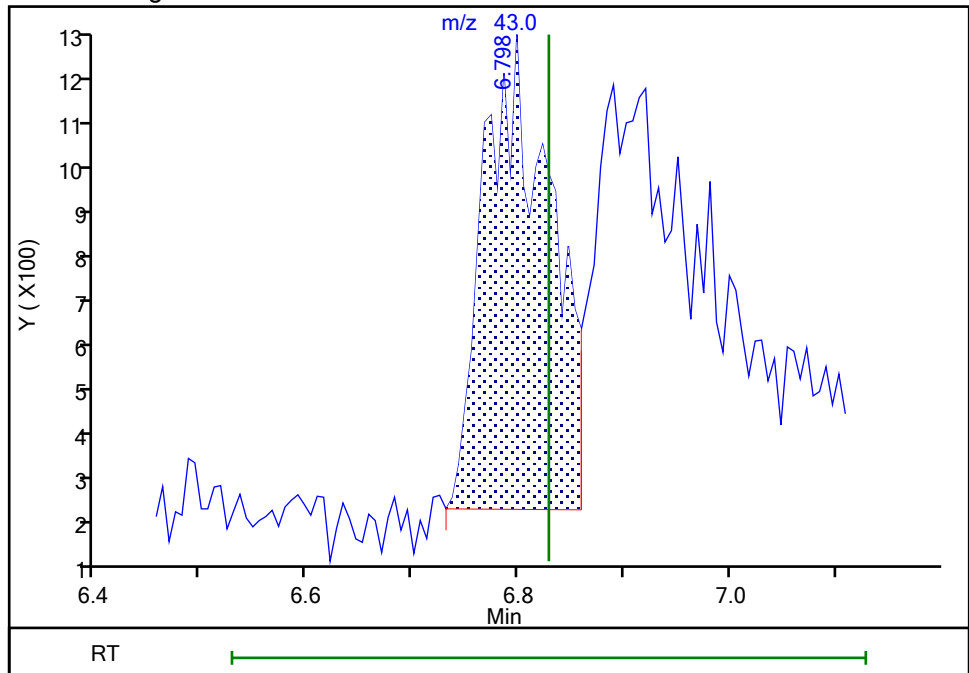
RT: 6.77  
Area: 1376  
Amount: 0.456662  
Amount Units: ug/l

## Processing Integration Results



RT: 6.80  
Area: 4328  
Amount: 1.436307  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:34:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

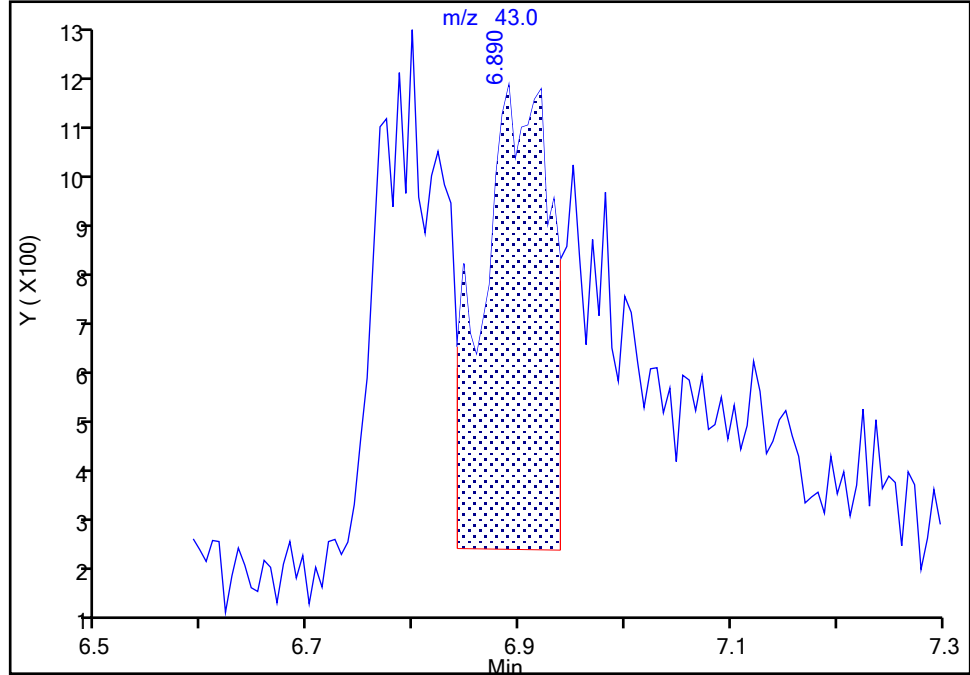
MS Quad

**91 n-Butyl acetate, CAS: 123-86-4**

Signal: 1

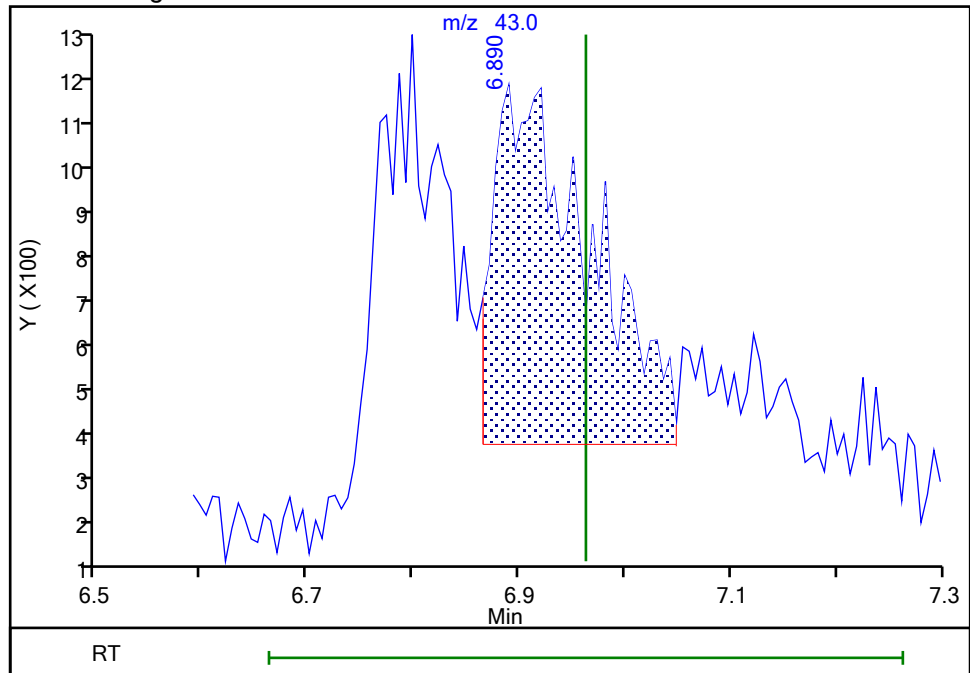
RT: 6.89  
Area: 3933  
Amount: 0.495294  
Amount Units: ug/l

## Processing Integration Results



RT: 6.89  
Area: 4661  
Amount: 0.586722  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:34:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

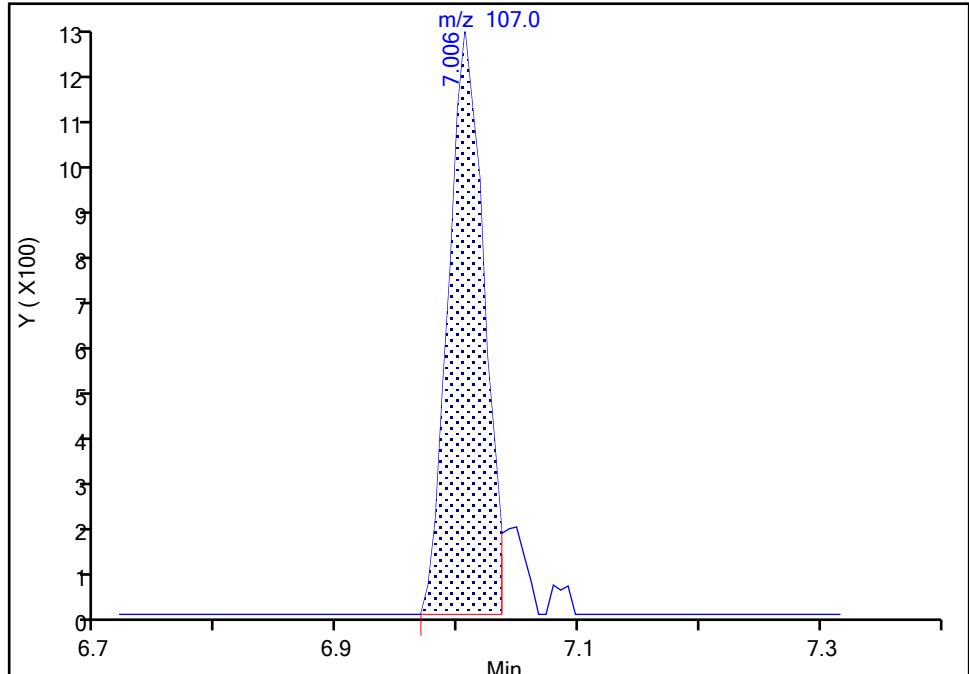
MS Quad

**93 Ethylene Dibromide, CAS: 106-93-4**

Signal: 1

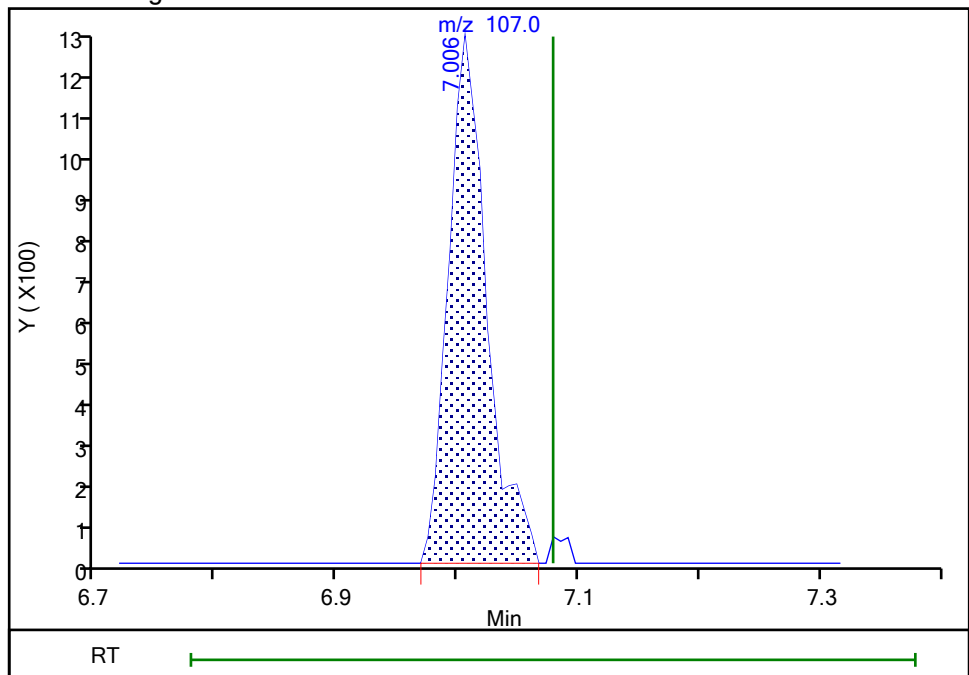
RT: 7.01  
Area: 2598  
Amount: 0.911557  
Amount Units: ug/l

## Processing Integration Results



RT: 7.01  
Area: 2810  
Amount: 0.973255  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:57:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

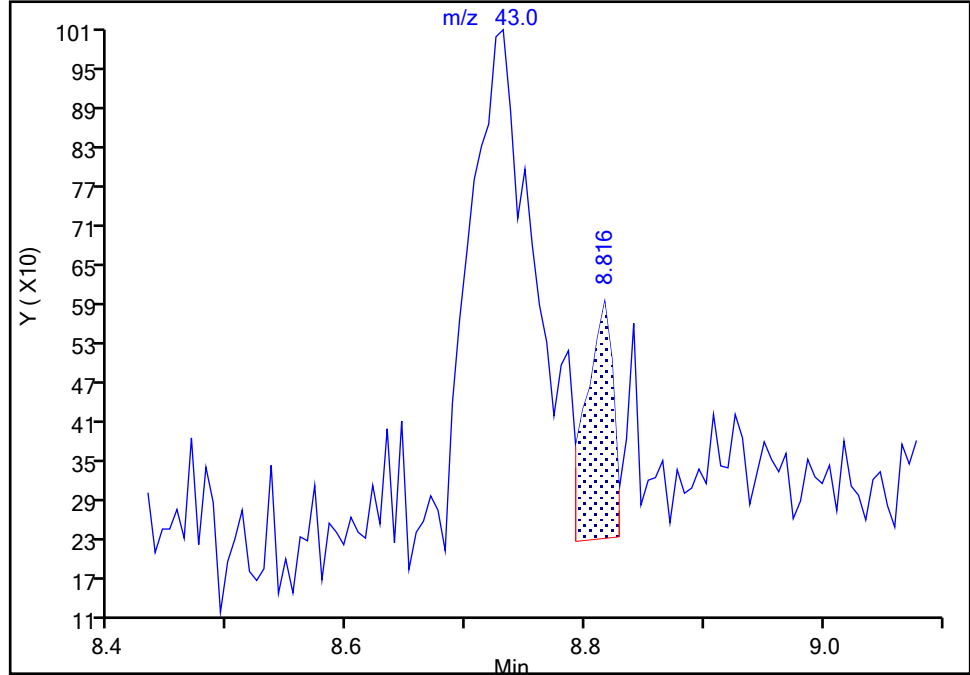
MS Quad

**103 Amyl acetate (mixed isomers), CAS: 628-63-7**

Signal: 1

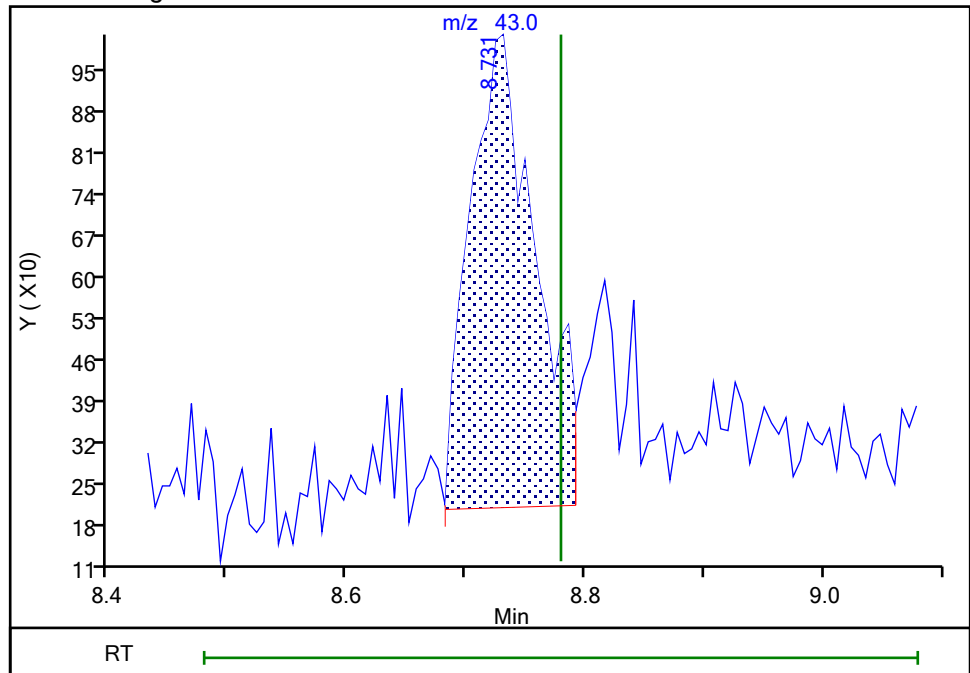
RT: 8.82  
Area: 586  
Amount: 5.243322  
Amount Units: ug/l

## Processing Integration Results



RT: 8.73  
Area: 3088  
Amount: 0.302780  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:57:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

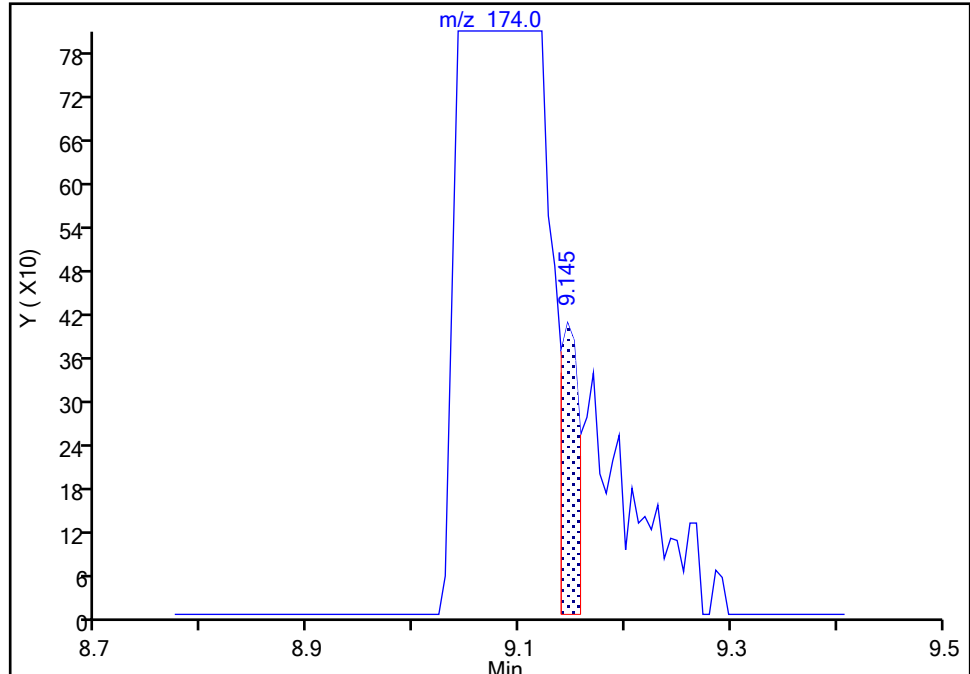
MS Quad

\$ 105 4-Bromofluorobenzene, CAS: 460-00-4

Signal: 1

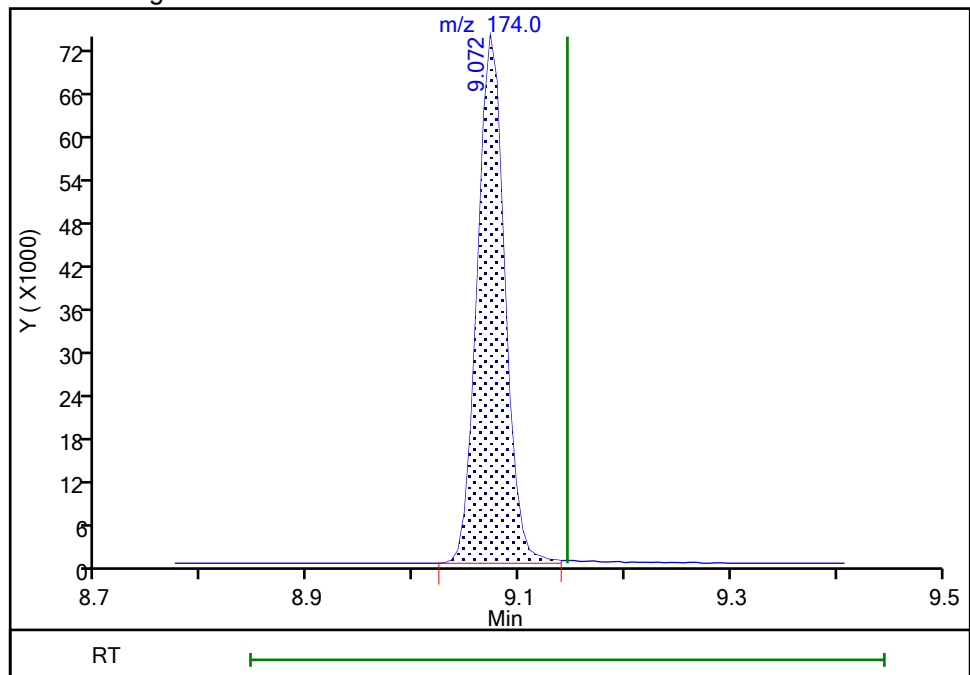
RT: 9.15  
Area: 509  
Amount: 0.222717  
Amount Units: ug/l

## Processing Integration Results



RT: 9.07  
Area: 132711  
Amount: 50.599390  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:57:52

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

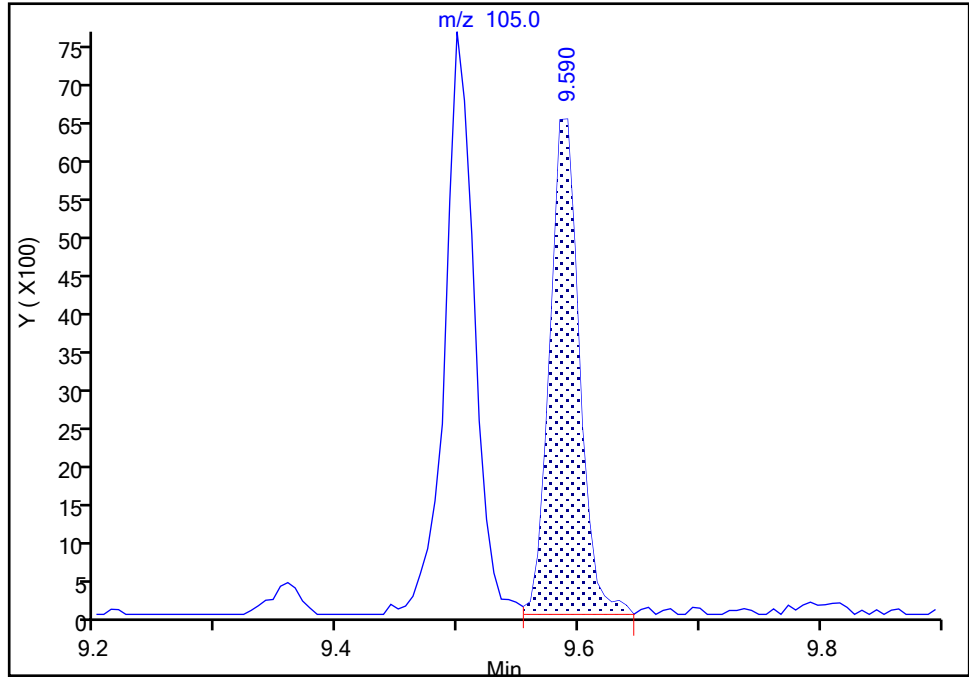
Detector: MS Quad

**112 4-Ethyltoluene, CAS: 622-96-8**

Signal: 1

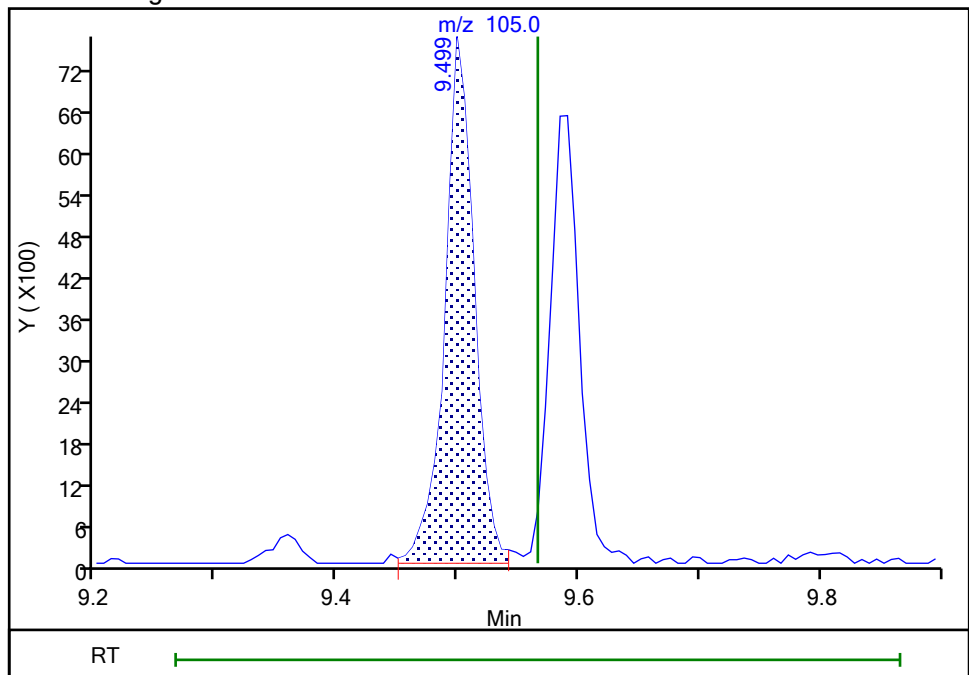
RT: 9.59  
Area: 11029  
Amount: 6.889650  
Amount Units: ug/l

## Processing Integration Results



RT: 9.50  
Area: 12889  
Amount: 0.873546  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:58:10

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

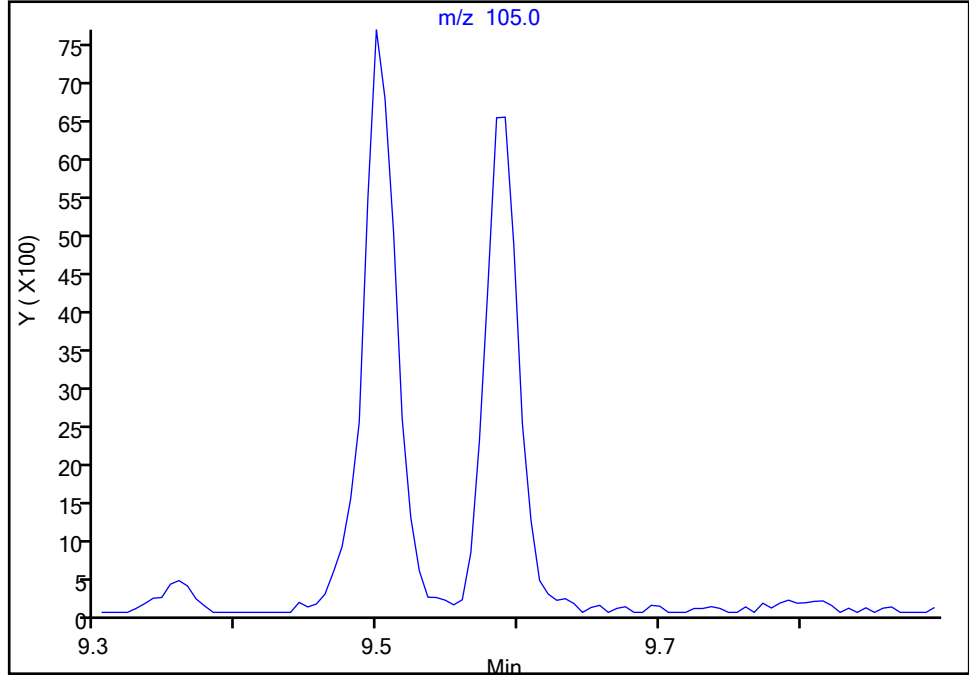
**113 1,3,5-Trimethylbenzene, CAS: 108-67-8**

Signal: 1

Not Detected

Expected RT: 9.65

## Processing Integration Results



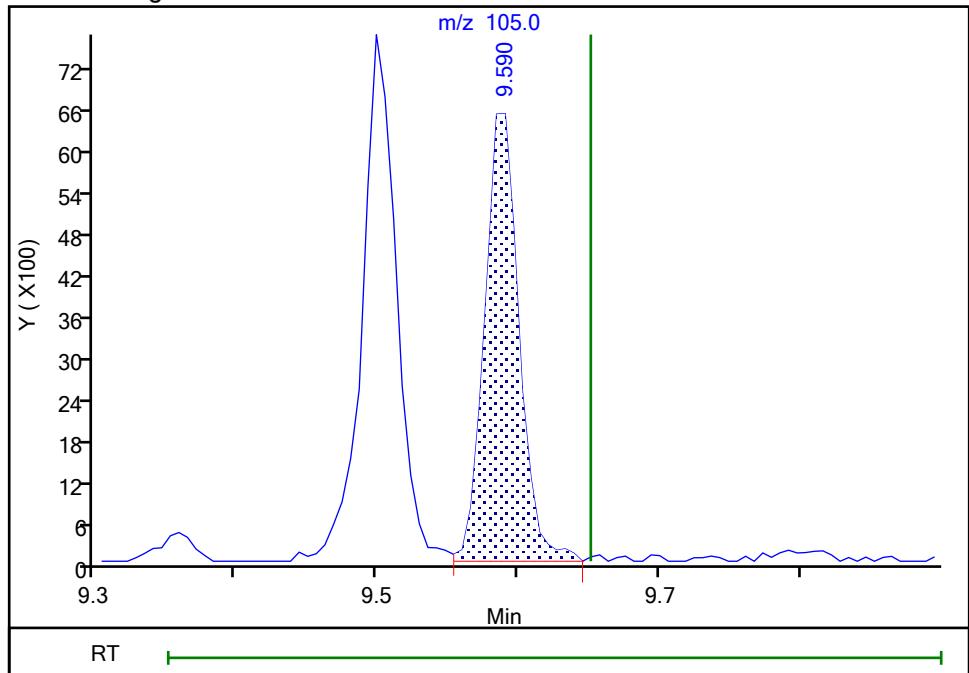
RT: 9.59

Area: 11029

Amount: 0.852871

Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:58:05

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

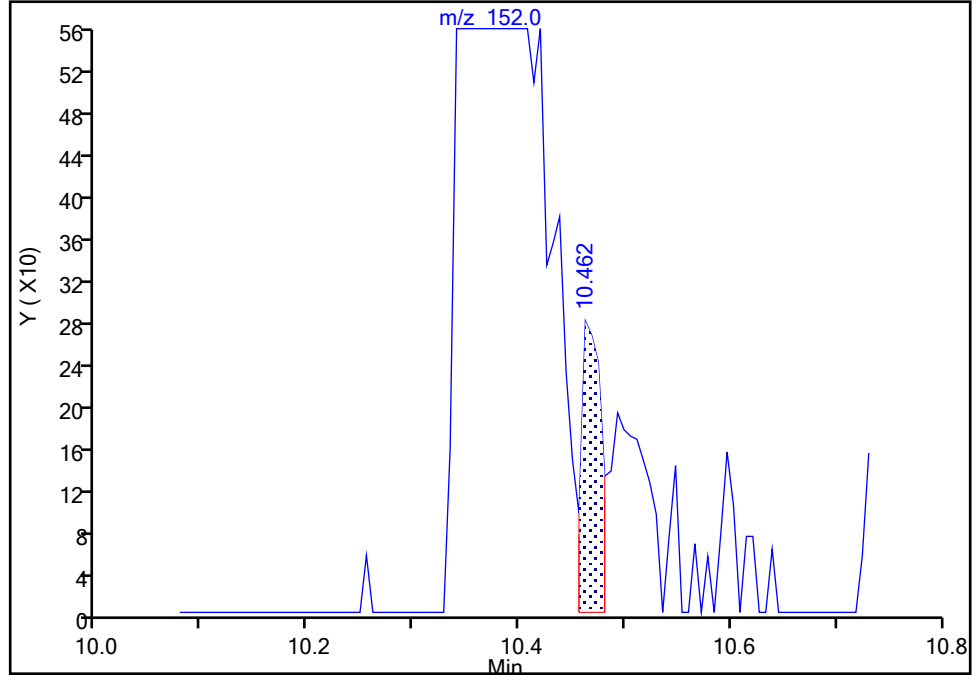
MS Quad

\* 121 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

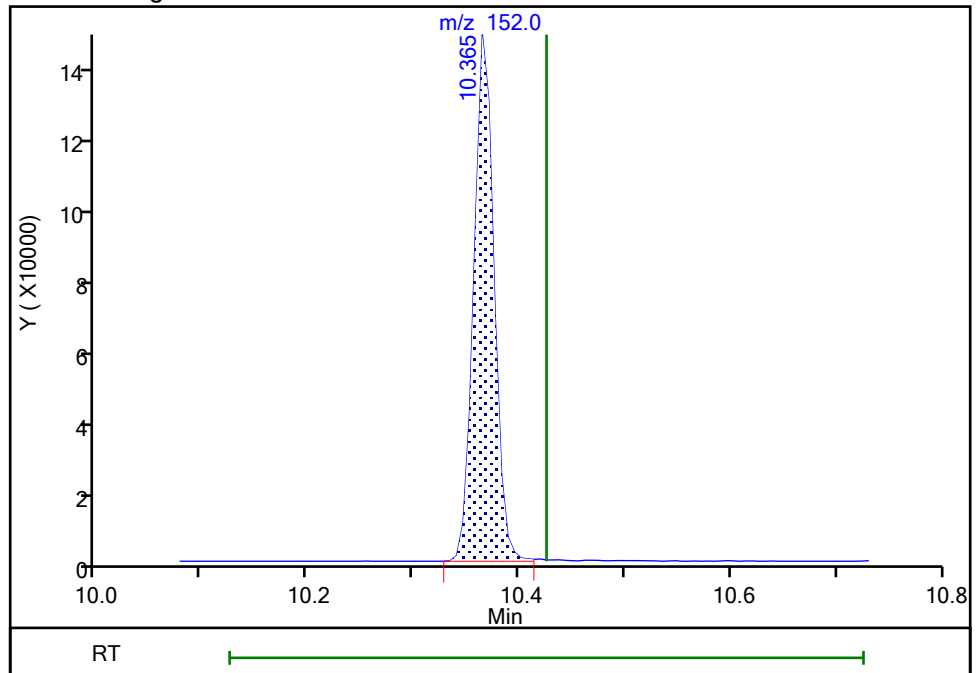
RT: 10.46  
Area: 365  
Amount: 50.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 10.36  
Area: 185618  
Amount: 50.000000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 12-Oct-2021 12:58:18

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

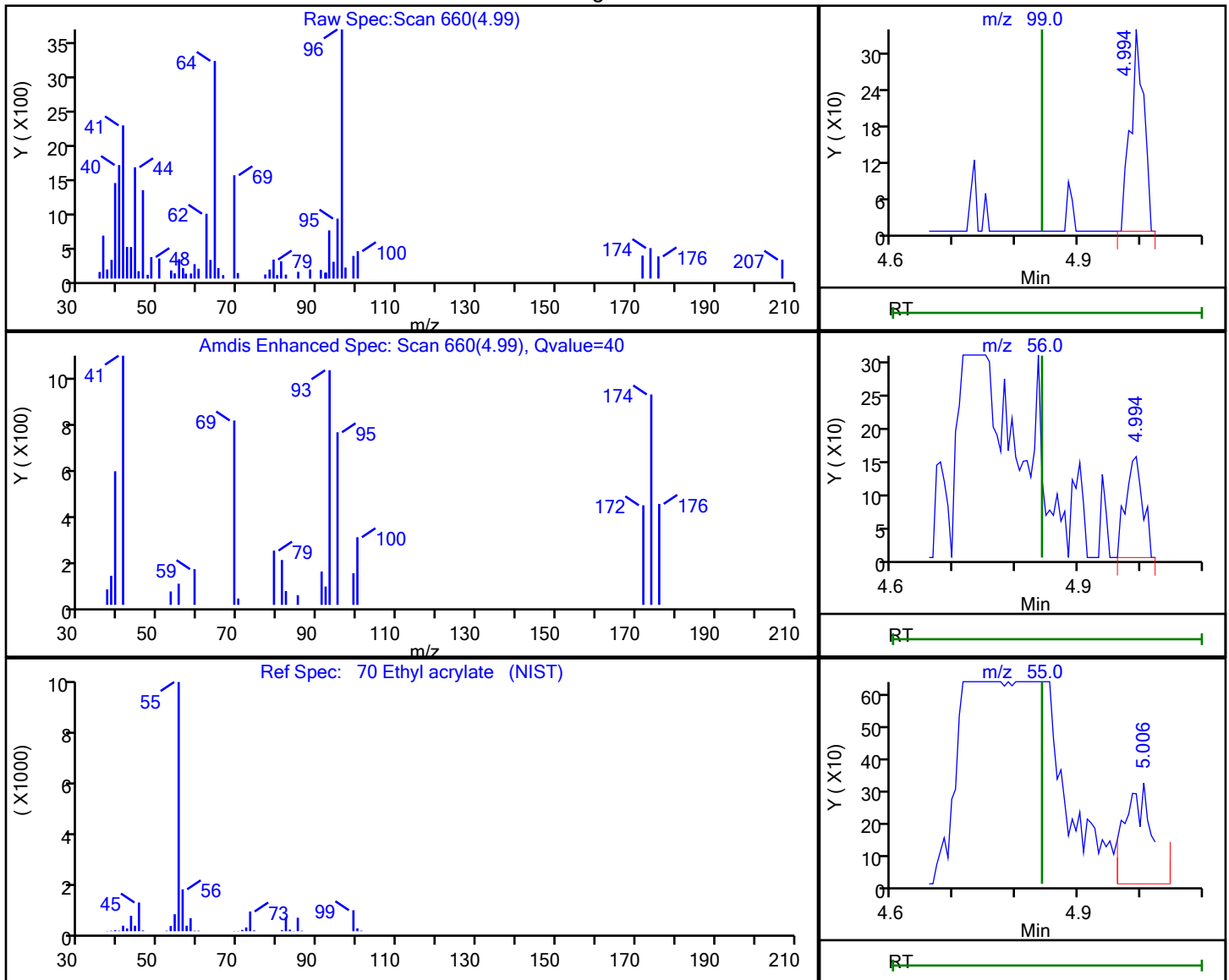
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 70 Ethyl acrylate, CAS: 140-88-5

## Processing Results



RT	Mass	Response	Amount
4.99	99.00	492	1.067326
4.99	56.00	291	
5.01	55.00	987	

Reviewer: baronm, 14-Oct-2021 13:33:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D

Injection Date: 12-Oct-2021 12:08:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

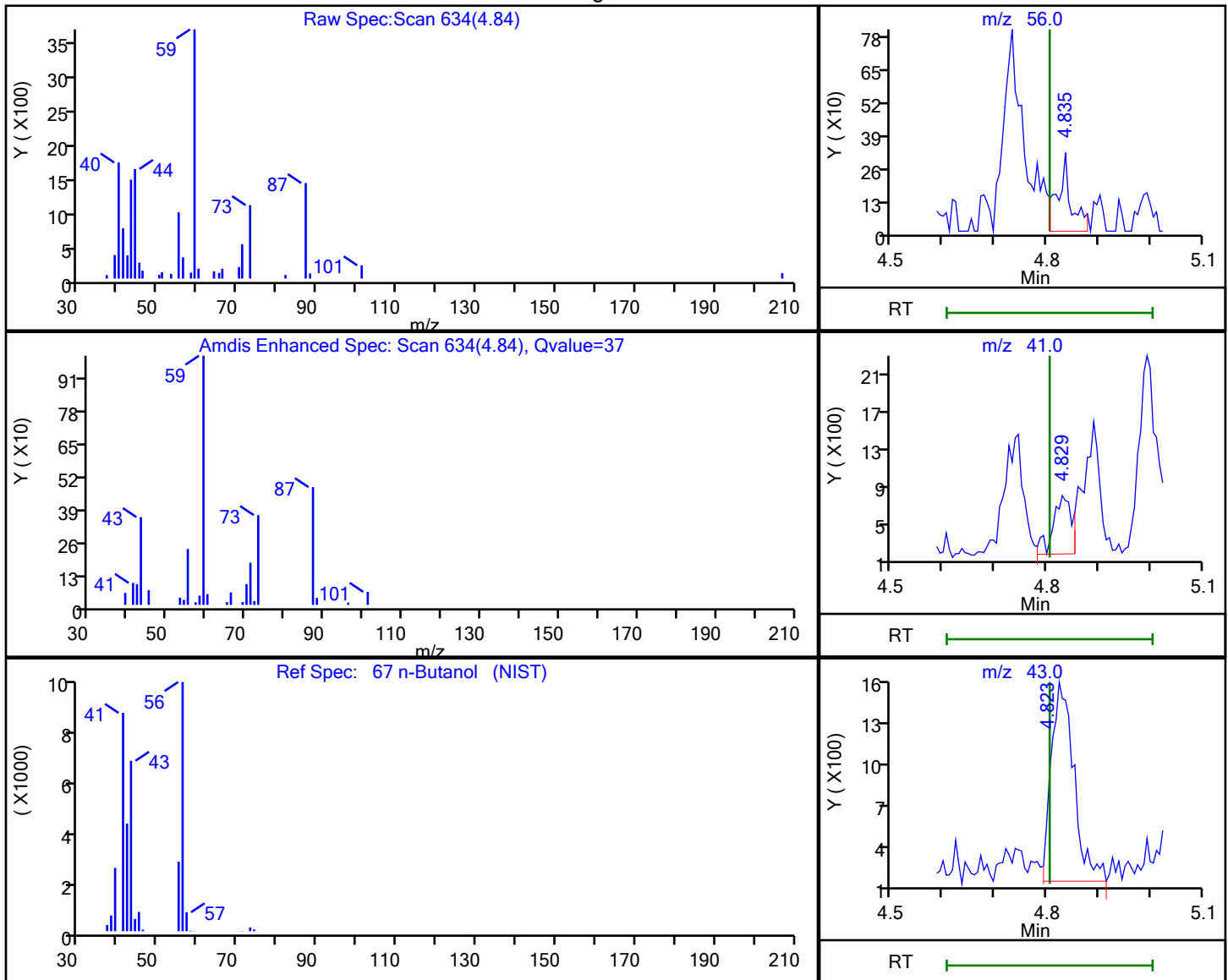
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 67 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
4.84	56.00	572	6.814736
4.83	41.00	1551	
4.82	43.00	4396	

Reviewer: baronm, 14-Oct-2021 13:33:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

# Calibration

/ Chlorotrifluoroethene

Curve Type: Quadratic  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

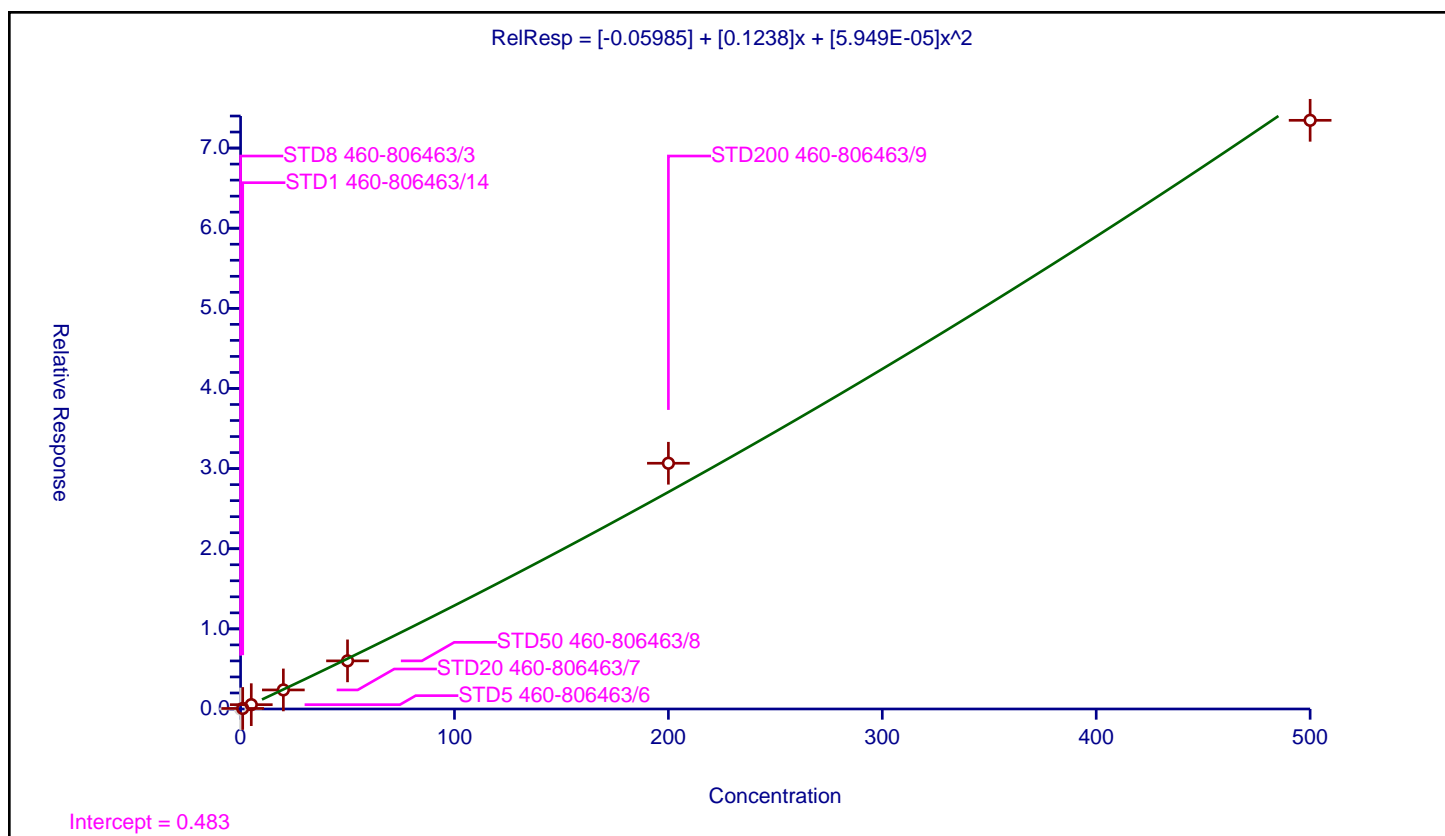
## Curve Coefficients

Intercept: -0.05985  
 Slope: 0.1238  
 Second Order: 5.949E-05

## Error Coefficients

Standard Error: 385000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.064961	50.0	536478.0	0.064961	Y
3	STD5 460-806463/6	5.0	0.540746	50.0	453540.0	0.108149	Y
4	STD20 460-806463/7	20.0	2.37886	50.0	426801.0	0.118943	Y
5	STD50 460-806463/8	50.0	6.004213	50.0	457129.0	0.120084	Y
6	STD200 460-806463/9	200.0	30.666593	50.0	389383.0	0.153333	Y
7	STD500 460-806463/10	500.0	73.46348	50.0	421423.0	0.146927	Y



# Calibration

/ Dichlorodifluoromethane

Curve Type: Quadratic  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

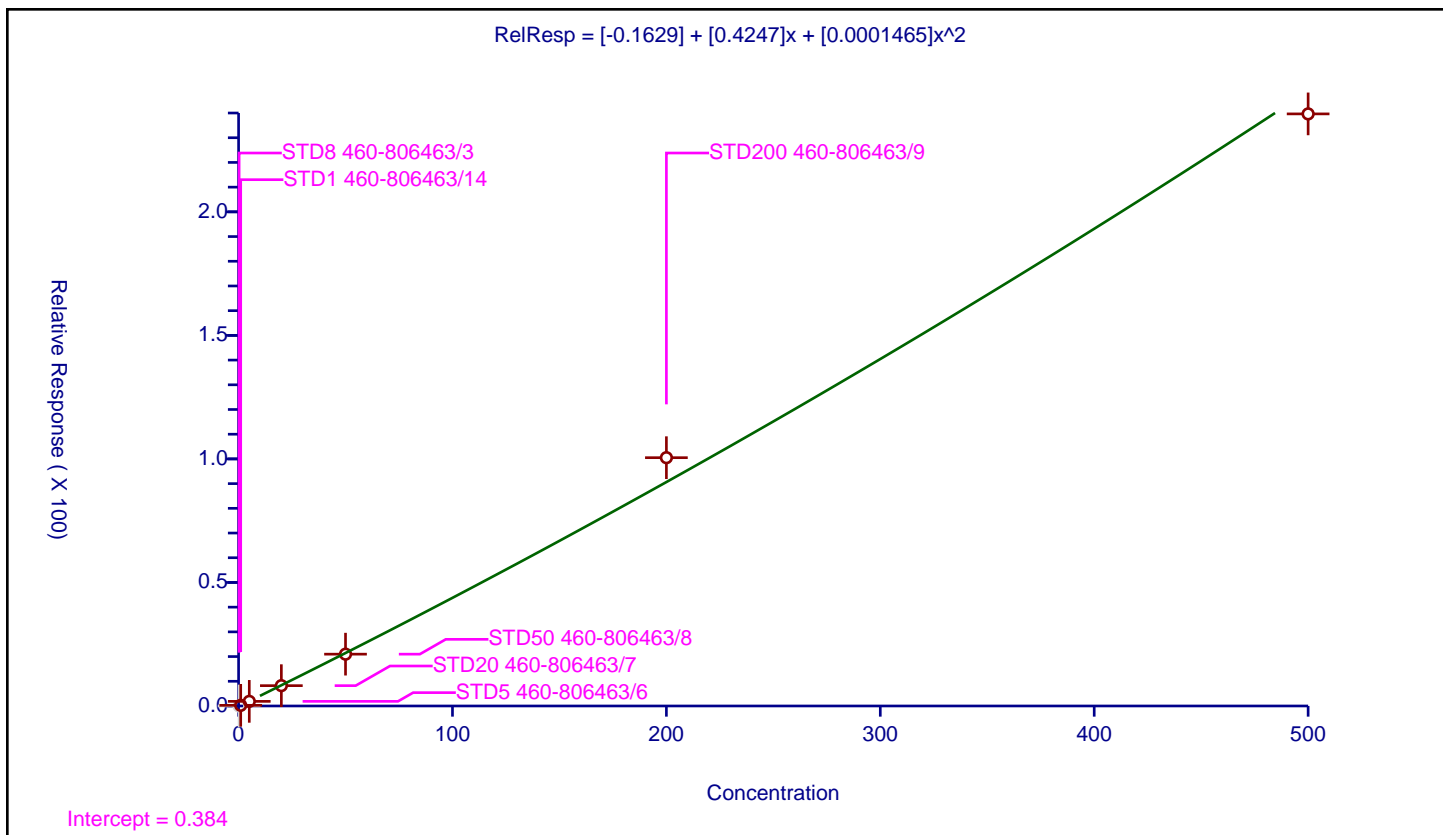
## Curve Coefficients

Intercept: -0.1629  
 Slope: 0.4247  
 Second Order: 0.0001465

## Error Coefficients

Standard Error: 1260000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.0	50.0	485329.0	0.0	N
2	STD1 460-806463/14	1.0	0.265808	50.0	536478.0	0.265808	Y
3	STD5 460-806463/6	5.0	1.877343	50.0	453540.0	0.375469	Y
4	STD20 460-806463/7	20.0	8.22491	50.0	426801.0	0.411246	Y
5	STD50 460-806463/8	50.0	20.973948	50.0	457129.0	0.419479	Y
6	STD200 460-806463/9	200.0	100.501306	50.0	389383.0	0.502507	Y
7	STD500 460-806463/10	500.0	239.640456	50.0	421423.0	0.479281	Y



# Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

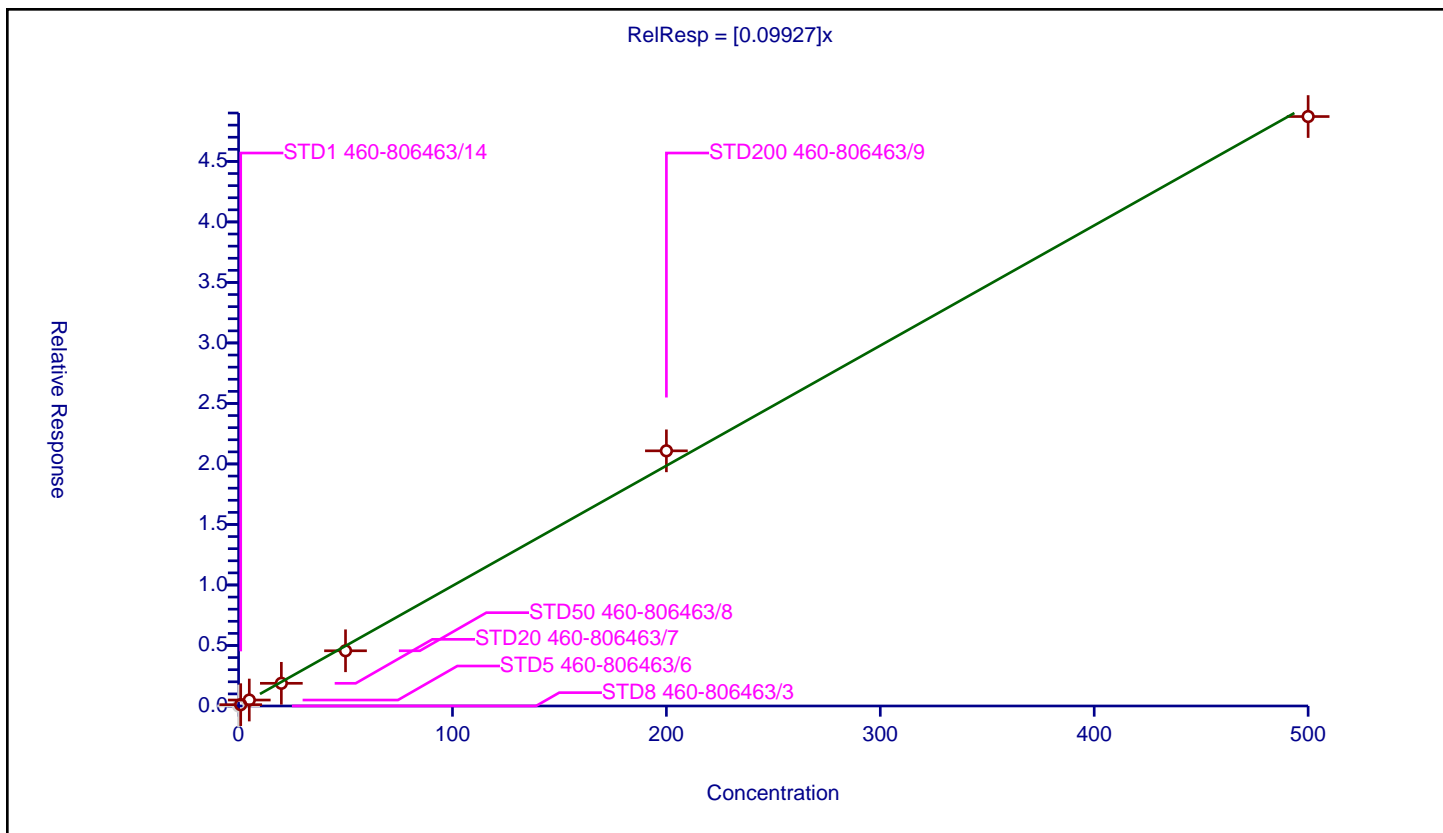
## Curve Coefficients

Intercept: 0  
 Slope: 0.09927

## Error Coefficients

Standard Error: 199000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.109417	50.0	536478.0	0.109417	Y
3	STD5 460-806463/6	5.0	0.492129	50.0	453540.0	0.098426	Y
4	STD20 460-806463/7	20.0	1.874293	50.0	426801.0	0.093715	Y
5	STD50 460-806463/8	50.0	4.561841	50.0	457129.0	0.091237	Y
6	STD200 460-806463/9	200.0	21.084382	50.0	389383.0	0.105422	Y
7	STD500 460-806463/10	500.0	48.710085	50.0	421423.0	0.09742	Y



# Calibration

/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

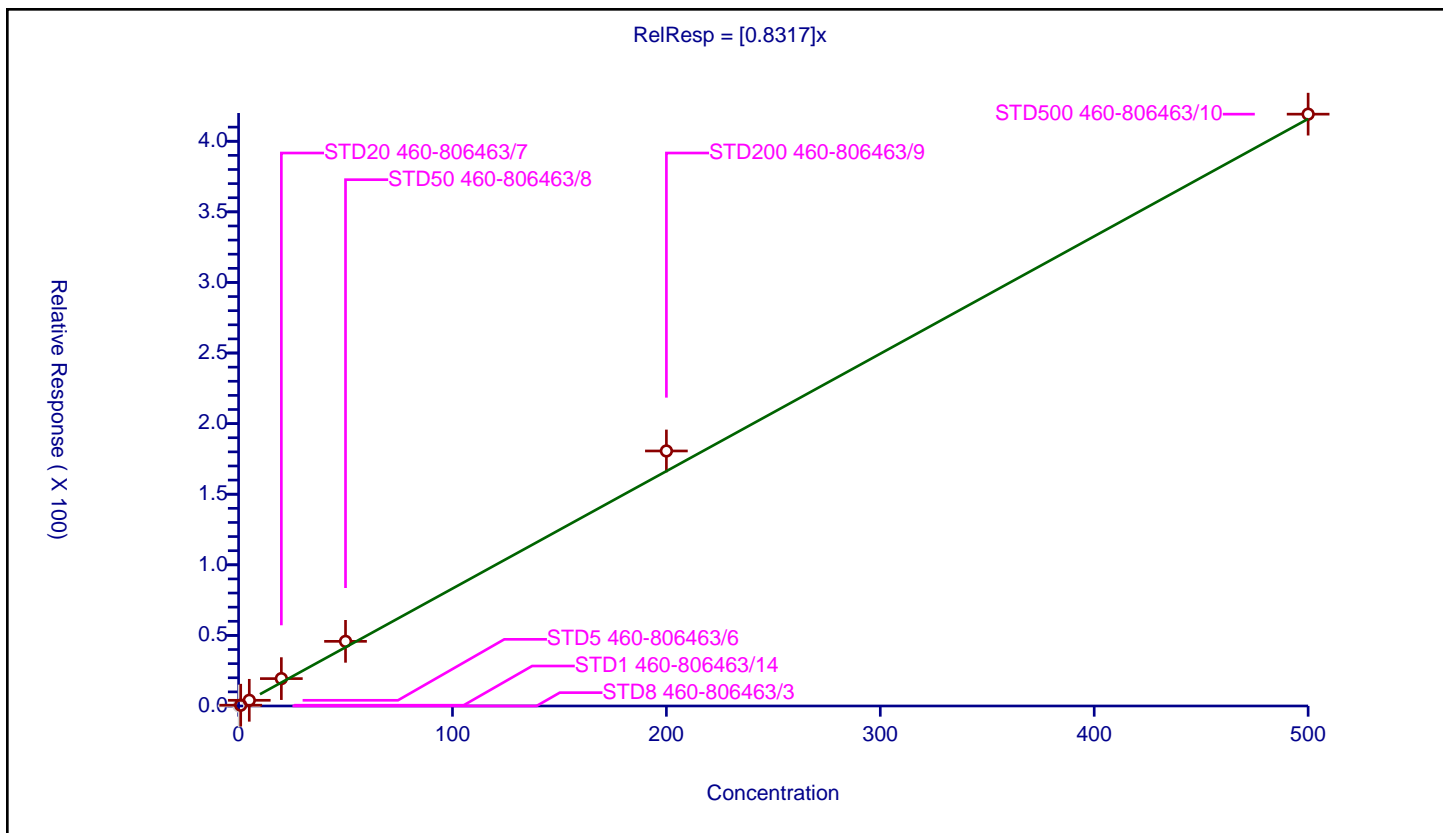
## Curve Coefficients

Intercept: 0  
 Slope: 0.8317

## Error Coefficients

Standard Error: 1710000  
 Relative Standard Error: 17.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.0	50.0	485329.0	0.0	N
2	STD1 460-806463/14	1.0	0.559016	50.0	536478.0	0.559016	Y
3	STD5 460-806463/6	5.0	4.023129	50.0	453540.0	0.804626	Y
4	STD20 460-806463/7	20.0	19.38667	50.0	426801.0	0.969333	Y
5	STD50 460-806463/8	50.0	45.784013	50.0	457129.0	0.91568	Y
6	STD200 460-806463/9	200.0	180.626915	50.0	389383.0	0.903135	Y
7	STD500 460-806463/10	500.0	419.193542	50.0	421423.0	0.838387	Y



# Calibration

/ Butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

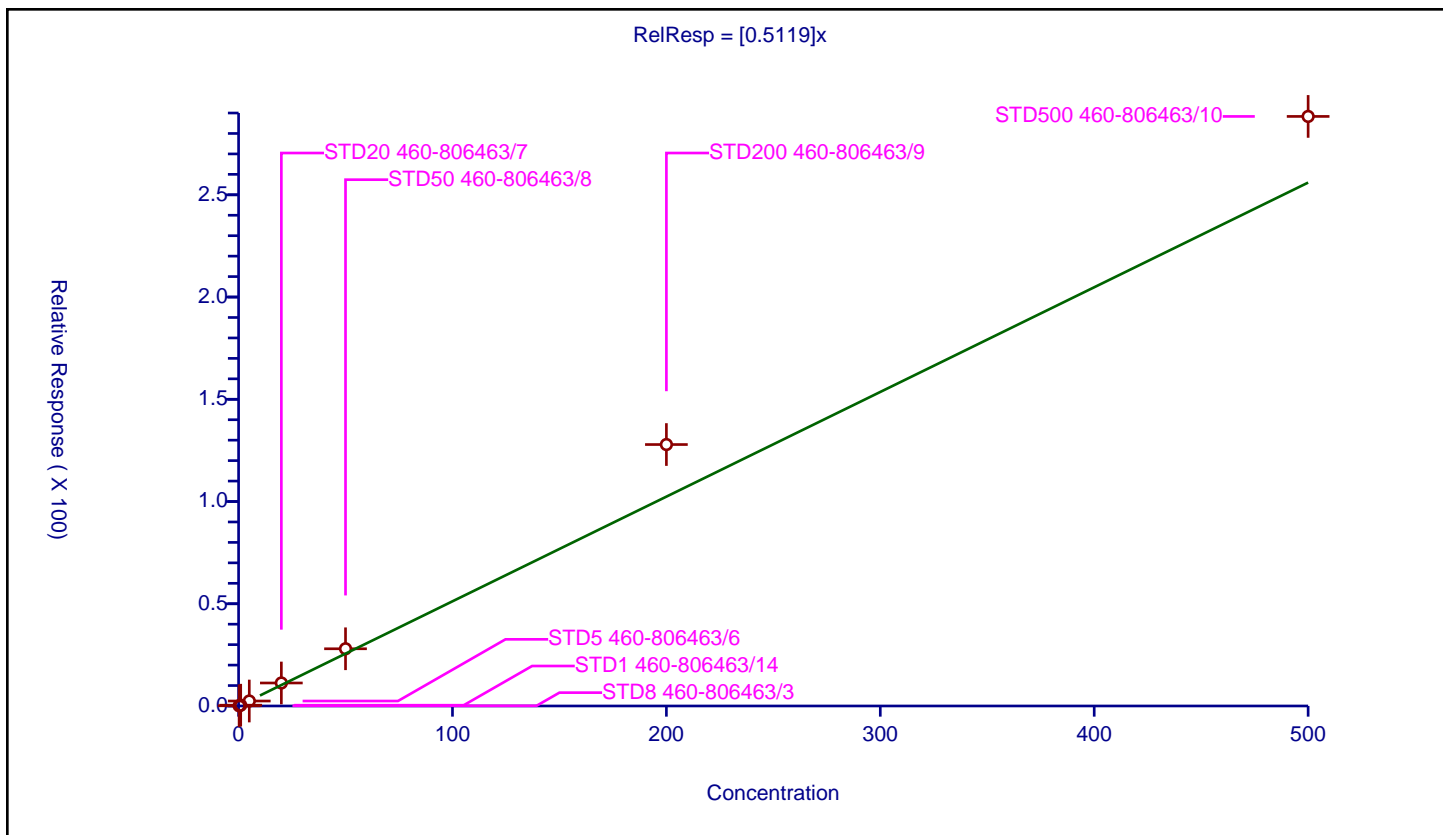
## Curve Coefficients

Intercept: 0  
 Slope: 0.5119

## Error Coefficients

Standard Error: 1080000  
 Relative Standard Error: 19.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.091999	50.0	485329.0	0.367998	Y
2	STD1 460-806463/14	1.0	0.39051	50.0	536478.0	0.39051	Y
3	STD5 460-806463/6	5.0	2.43672	50.0	453540.0	0.487344	Y
4	STD20 460-806463/7	20.0	11.24189	50.0	426801.0	0.562095	Y
5	STD50 460-806463/8	50.0	27.982036	50.0	457129.0	0.559641	Y
6	STD200 460-806463/9	200.0	127.86588	50.0	389383.0	0.639329	Y
7	STD500 460-806463/10	500.0	288.332388	50.0	421423.0	0.576665	Y





# Calibration

/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

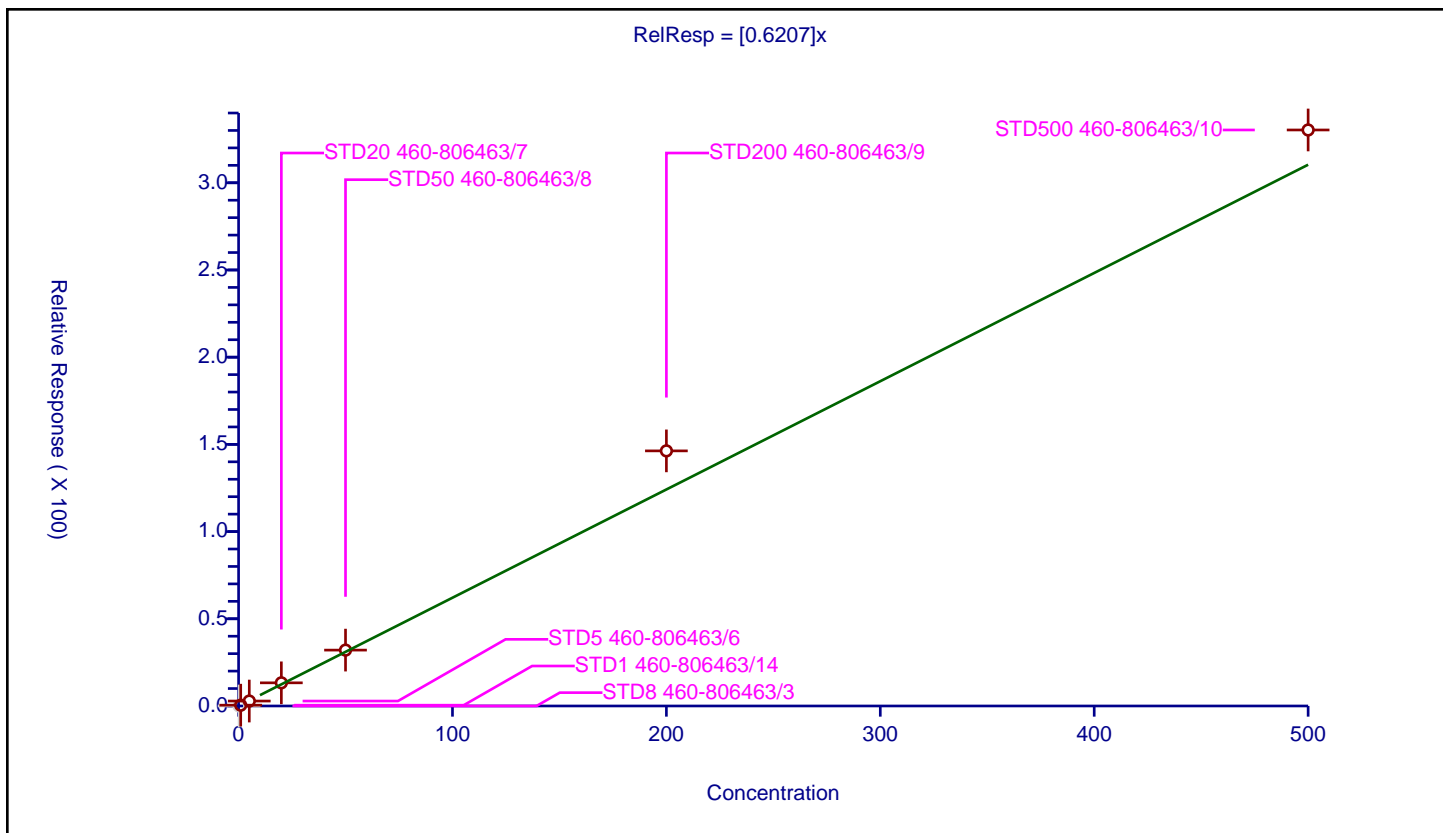
## Curve Coefficients

Intercept: 0  
 Slope: 0.6207

## Error Coefficients

Standard Error: 1350000  
 Relative Standard Error: 15.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.0	50.0	485329.0	0.0	N
2	STD1 460-806463/14	1.0	0.46041	50.0	536478.0	0.46041	Y
3	STD5 460-806463/6	5.0	2.835693	50.0	453540.0	0.567139	Y
4	STD20 460-806463/7	20.0	13.279608	50.0	426801.0	0.66398	Y
5	STD50 460-806463/8	50.0	32.03844	50.0	457129.0	0.640769	Y
6	STD200 460-806463/9	200.0	146.279755	50.0	389383.0	0.731399	Y
7	STD500 460-806463/10	500.0	330.270298	50.0	421423.0	0.660541	Y



# Calibration

/ Bromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

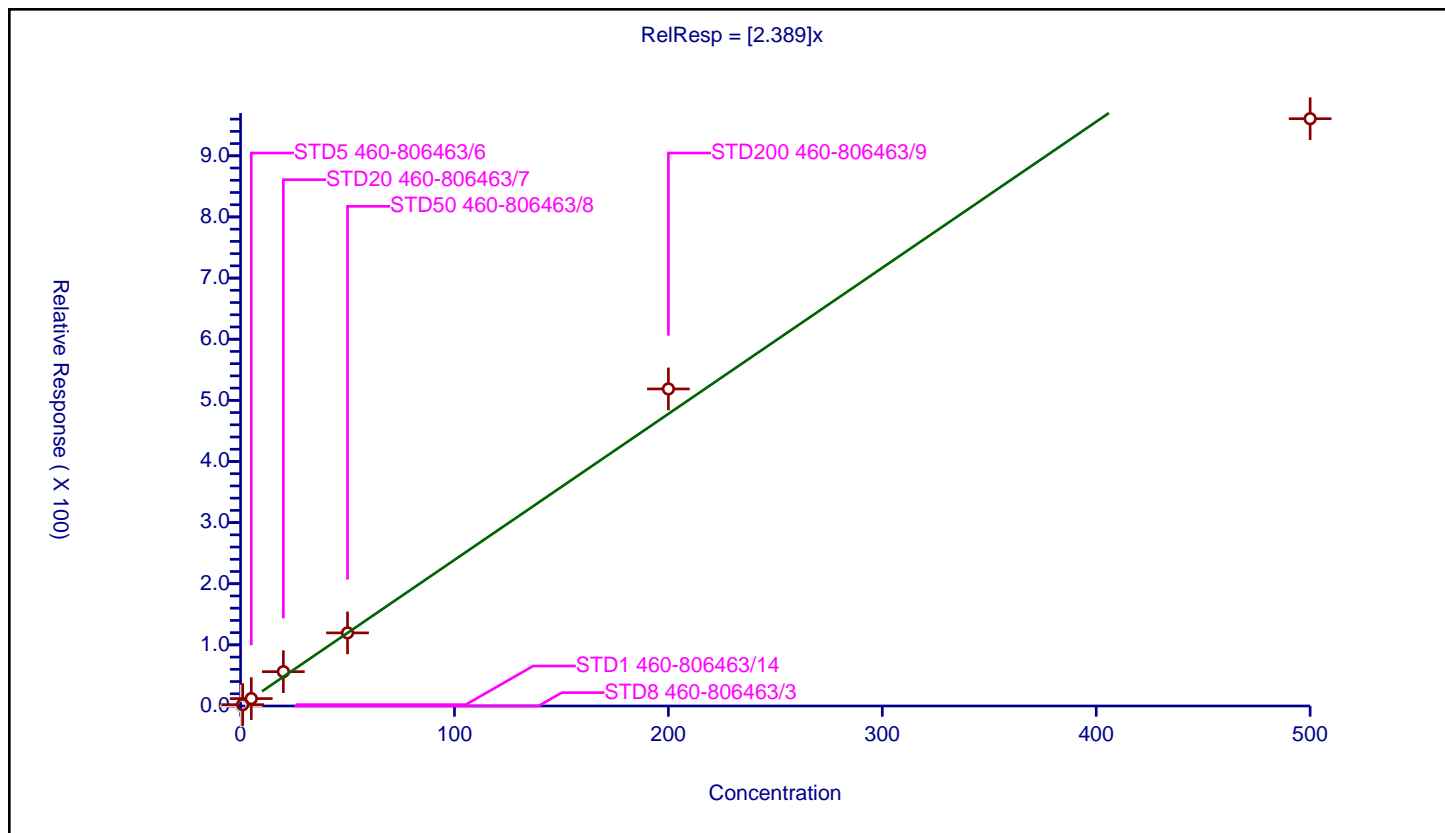
## Curve Coefficients

Intercept: 0  
 Slope: 2.389

## Error Coefficients

Standard Error: 738000  
 Relative Standard Error: 12.9  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.0	250.0	362112.0	0.0	N
2	STD1 460-806463/14	1.0	2.200019	250.0	423519.0	2.200019	Y
3	STD5 460-806463/6	5.0	12.116352	250.0	346639.0	2.42327	Y
4	STD20 460-806463/7	20.0	56.138137	250.0	332047.0	2.806907	Y
5	STD50 460-806463/8	50.0	119.585848	250.0	381454.0	2.391717	Y
6	STD200 460-806463/9	200.0	518.625909	250.0	336346.0	2.59313	Y
7	STD500 460-806463/10	500.0	960.714156	250.0	386246.0	1.921428	Y



# Calibration

/ Chloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

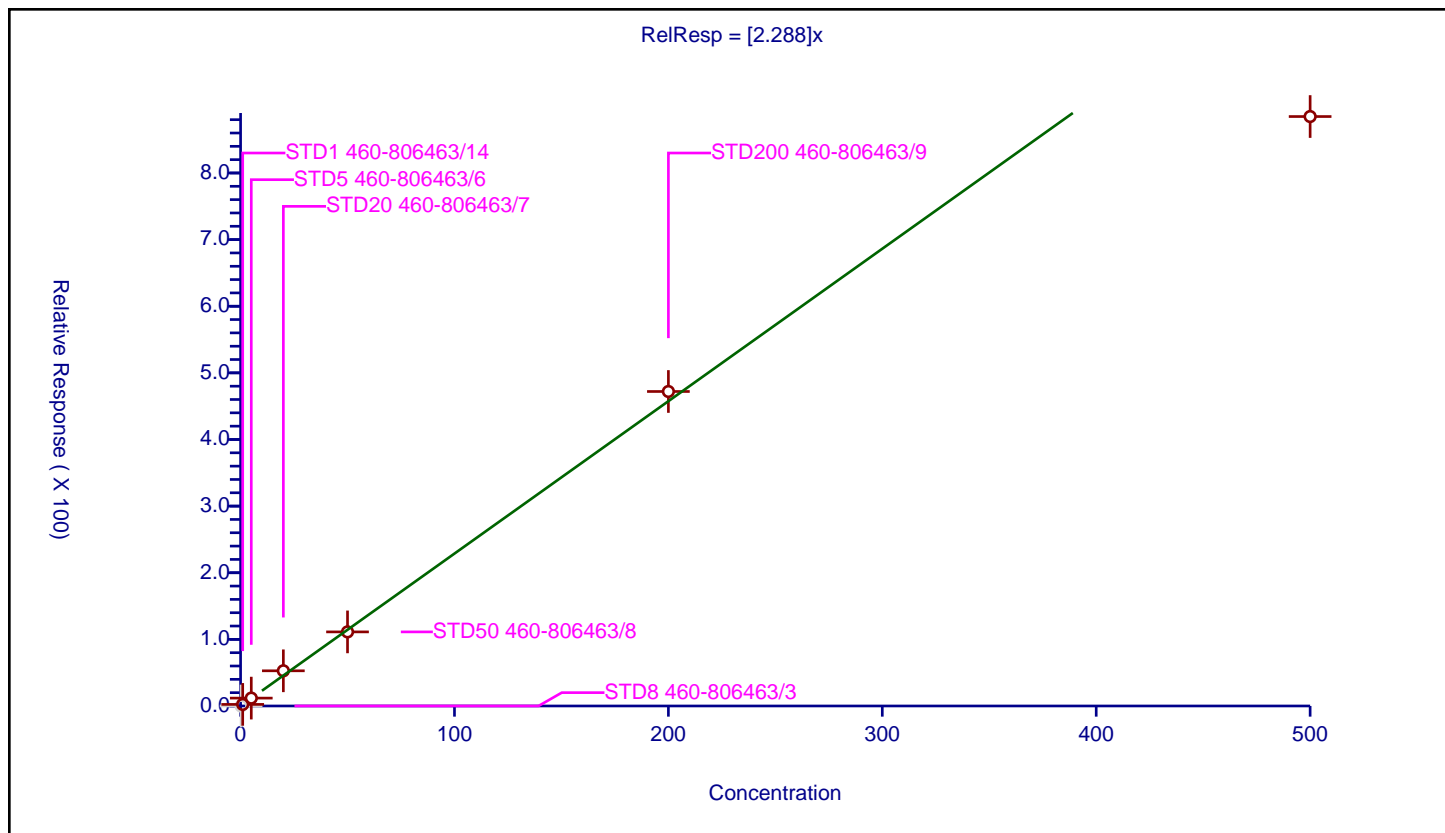
## Curve Coefficients

Intercept: 0  
 Slope: 2.288

## Error Coefficients

Standard Error: 679000  
 Relative Standard Error: 12.6  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.0	250.0	362112.0	0.0	N
2	STD1 460-806463/14	1.0	2.361759	250.0	423519.0	2.361759	Y
3	STD5 460-806463/6	5.0	11.843734	250.0	346639.0	2.368747	Y
4	STD20 460-806463/7	20.0	52.820836	250.0	332047.0	2.641042	Y
5	STD50 460-806463/8	50.0	111.205414	250.0	381454.0	2.224108	Y
6	STD200 460-806463/9	200.0	472.031777	250.0	336346.0	2.360159	Y
7	STD500 460-806463/10	500.0	884.71078	250.0	386246.0	1.769422	Y



# Calibration

/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

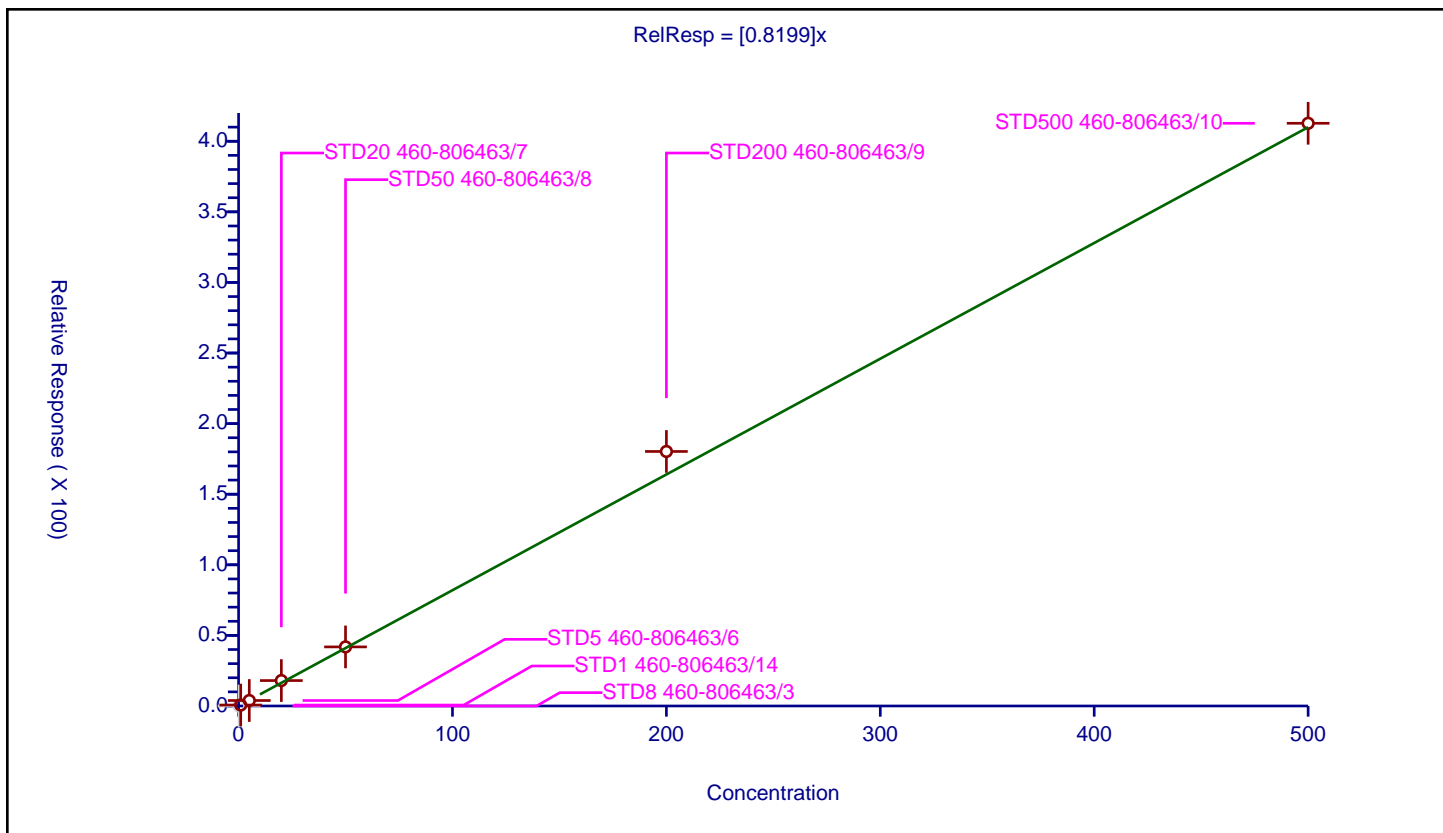
## Curve Coefficients

Intercept: 0  
 Slope: 0.8199

## Error Coefficients

Standard Error: 1690000  
 Relative Standard Error: 10.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.0	50.0	485329.0	0.0	N
2	STD1 460-806463/14	1.0	0.67794	50.0	536478.0	0.67794	Y
3	STD5 460-806463/6	5.0	3.883009	50.0	453540.0	0.776602	Y
4	STD20 460-806463/7	20.0	18.015305	50.0	426801.0	0.900765	Y
5	STD50 460-806463/8	50.0	41.853722	50.0	457129.0	0.837074	Y
6	STD200 460-806463/9	200.0	180.276103	50.0	389383.0	0.901381	Y
7	STD500 460-806463/10	500.0	412.724389	50.0	421423.0	0.825449	Y



# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

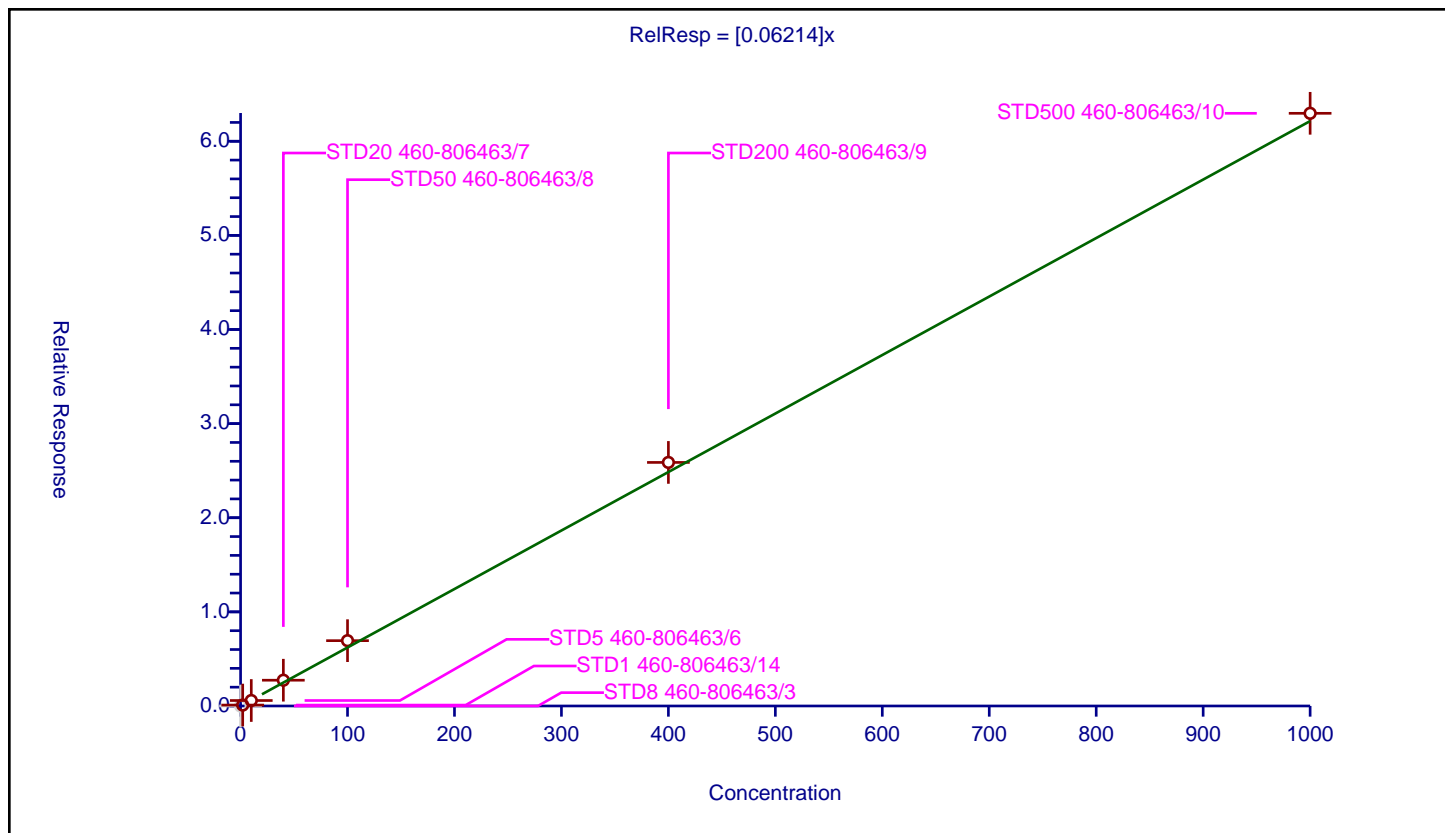
## Curve Coefficients

Intercept: 0  
 Slope: 0.06214

## Error Coefficients

Standard Error: 256000  
 Relative Standard Error: 12.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	2.0	0.098047	50.0	536478.0	0.049023	Y
3	STD5 460-806463/6	10.0	0.582859	50.0	453540.0	0.058286	Y
4	STD20 460-806463/7	40.0	2.73945	50.0	426801.0	0.068486	Y
5	STD50 460-806463/8	100.0	6.939945	50.0	457129.0	0.069399	Y
6	STD200 460-806463/9	400.0	25.876964	50.0	389383.0	0.064692	Y
7	STD500 460-806463/10	1000.0	62.96868	50.0	421423.0	0.062969	Y



# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

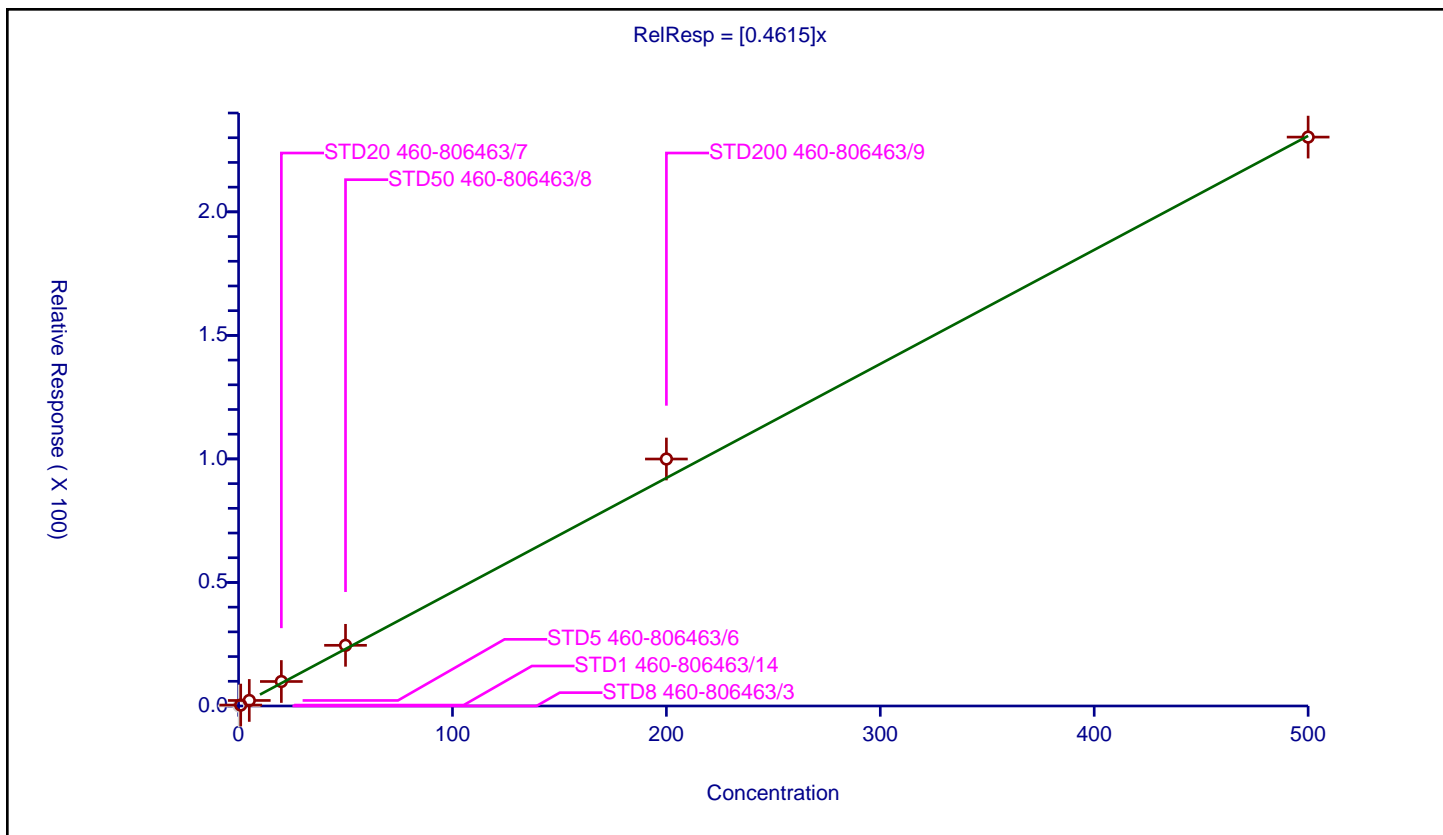
## Curve Coefficients

Intercept: 0  
 Slope: 0.4615

## Error Coefficients

Standard Error: 941000  
 Relative Standard Error: 10.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.25	0.0	50.0	485329.0	0.0	N
2	STD1 460-806463/14	1.0	0.373268	50.0	536478.0	0.373268	Y
3	STD5 460-806463/6	5.0	2.243463	50.0	453540.0	0.448693	Y
4	STD20 460-806463/7	20.0	9.911294	50.0	426801.0	0.495565	Y
5	STD50 460-806463/8	50.0	24.554666	50.0	457129.0	0.491093	Y
6	STD200 460-806463/9	200.0	99.959295	50.0	389383.0	0.499796	Y
7	STD500 460-806463/10	500.0	230.249417	50.0	421423.0	0.460499	Y



# Calibration

/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

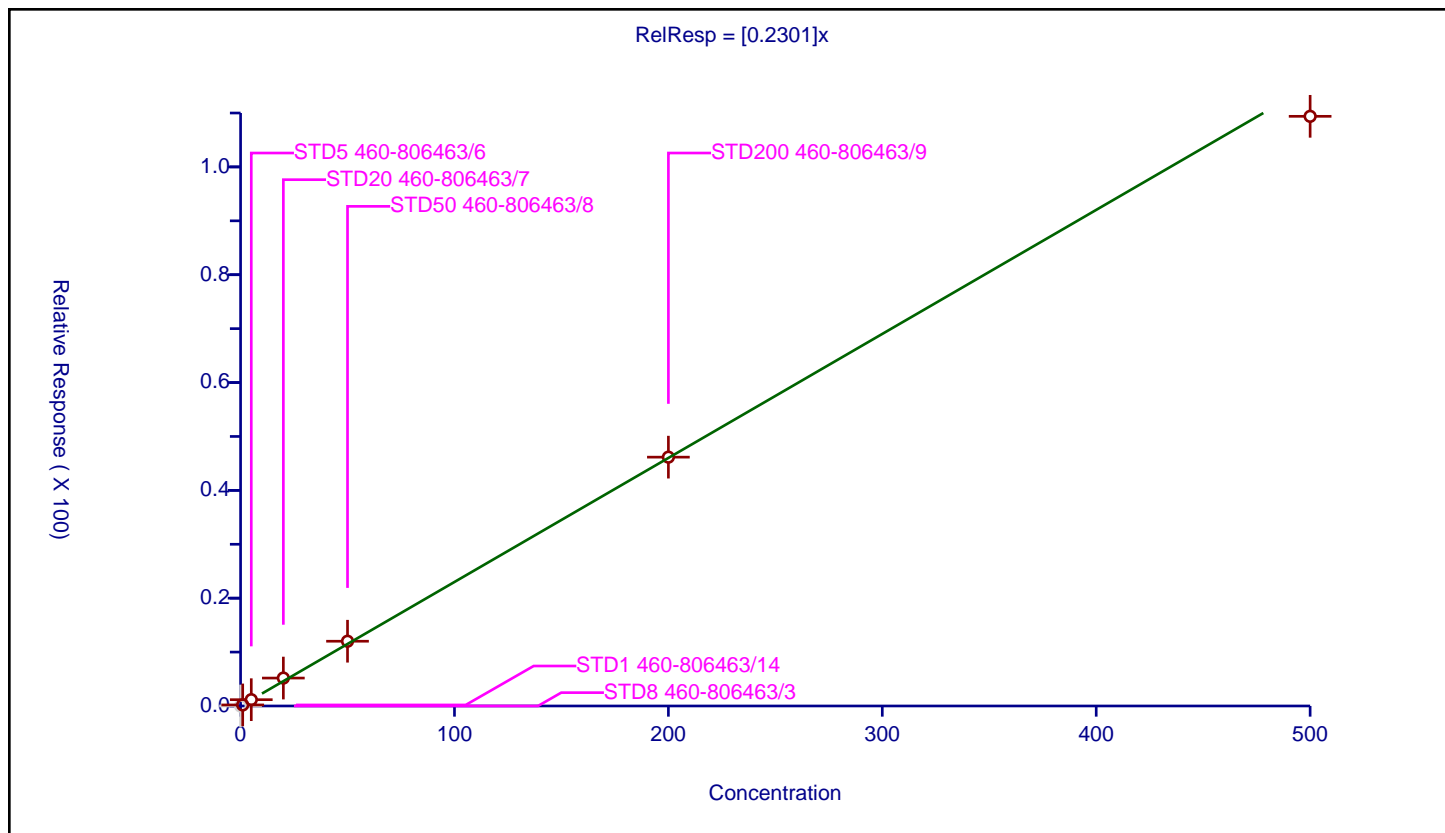
## Curve Coefficients

Intercept: 0  
 Slope: 0.2301

## Error Coefficients

Standard Error: 446000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.197399	50.0	536478.0	0.197399	Y
3	STD5 460-806463/6	5.0	1.17079	50.0	453540.0	0.234158	Y
4	STD20 460-806463/7	20.0	5.179463	50.0	426801.0	0.258973	Y
5	STD50 460-806463/8	50.0	12.014224	50.0	457129.0	0.240284	Y
6	STD200 460-806463/9	200.0	46.159565	50.0	389383.0	0.230798	Y
7	STD500 460-806463/10	500.0	109.38665	50.0	421423.0	0.218773	Y



# Calibration

/ Ethanol

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

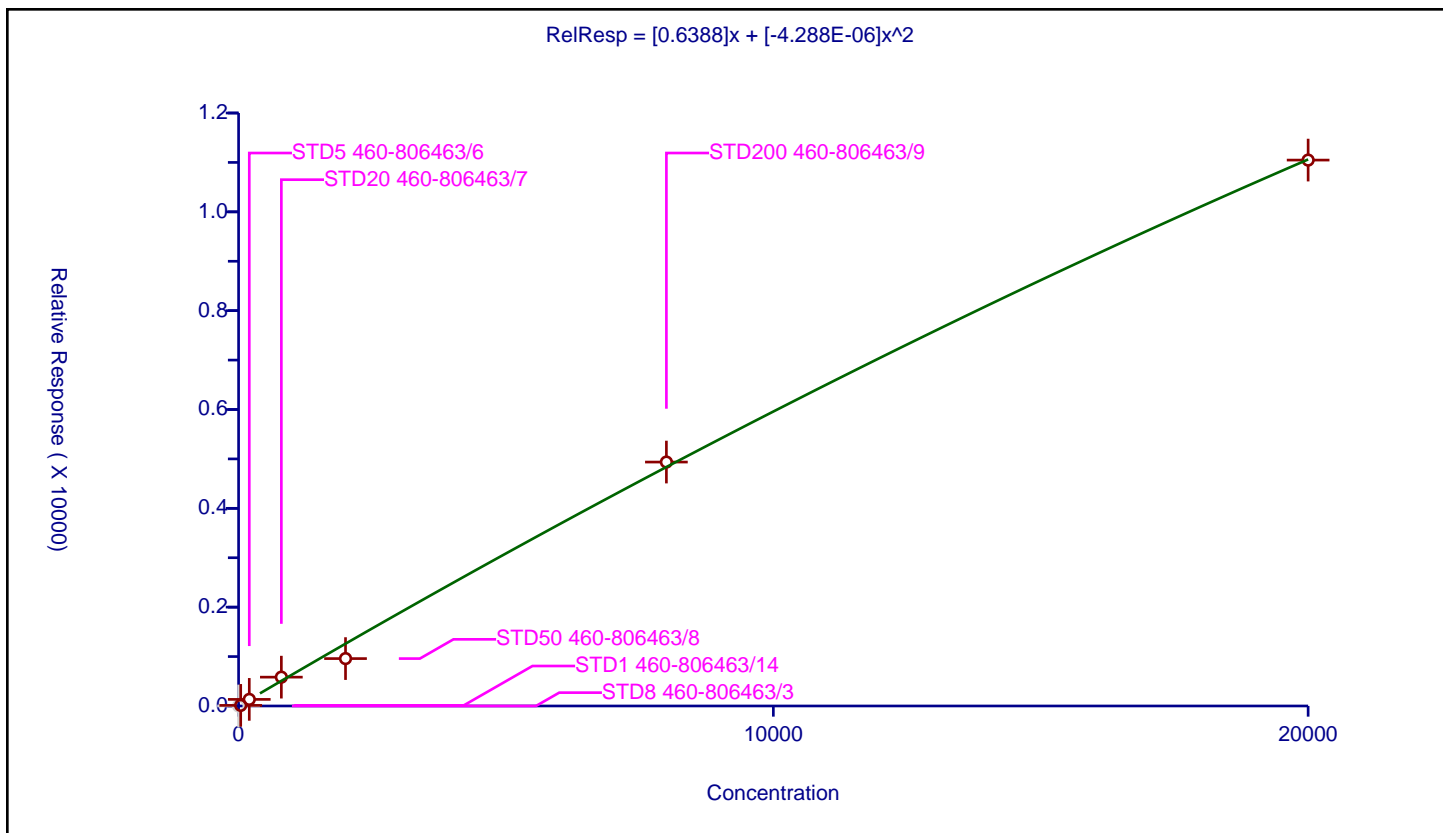
## Curve Coefficients

Intercept: 0  
 Slope: 0.6388  
 Second Order: -4.288E-06

## Error Coefficients

Standard Error: 258000  
 Relative Standard Error: 29.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	1000.0	44878.0	NaN	N
2	STD1 460-806463/14	40.0	12.168793	1000.0	40760.0	0.30422	Y
3	STD5 460-806463/6	200.0	133.511412	1000.0	41929.0	0.667557	Y
4	STD20 460-806463/7	800.0	583.828713	1000.0	38018.0	0.729786	Y
5	STD50 460-806463/8	2000.0	959.494154	1000.0	47129.0	0.479747	Y
6	STD200 460-806463/9	8000.0	4936.452282	1000.0	39073.0	0.617057	Y
7	STD500 460-806463/10	20000.0	11047.307067	1000.0	44264.0	0.552365	Y





# Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

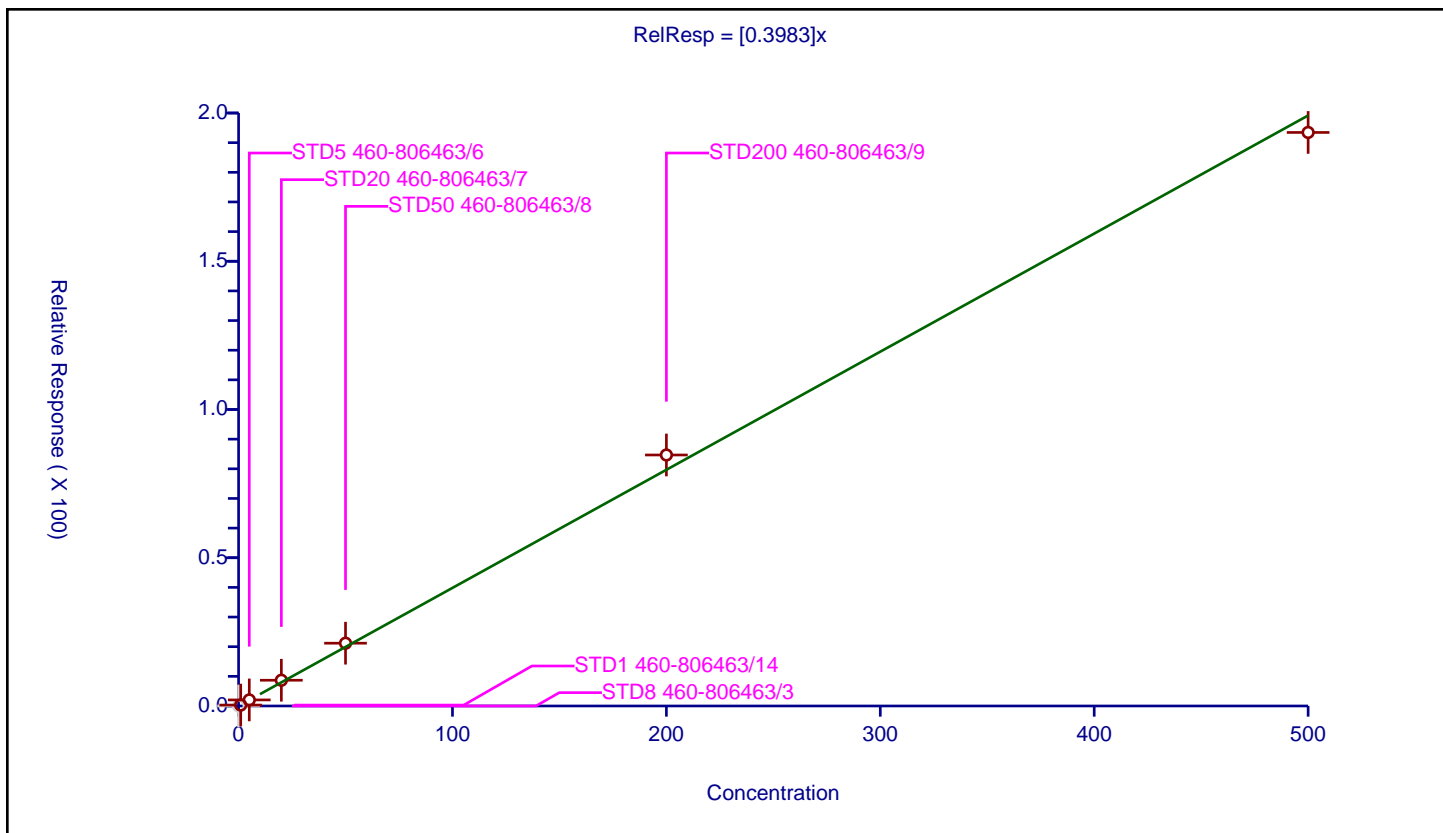
## Curve Coefficients

Intercept: 0  
 Slope: 0.3983

## Error Coefficients

Standard Error: 792000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.312594	50.0	536478.0	0.312594	Y
3	STD5 460-806463/6	5.0	2.048331	50.0	453540.0	0.409666	Y
4	STD20 460-806463/7	20.0	8.680041	50.0	426801.0	0.434002	Y
5	STD50 460-806463/8	50.0	21.17597	50.0	457129.0	0.423519	Y
6	STD200 460-806463/9	200.0	84.65932	50.0	389383.0	0.423297	Y
7	STD500 460-806463/10	500.0	193.443286	50.0	421423.0	0.386887	Y



# Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

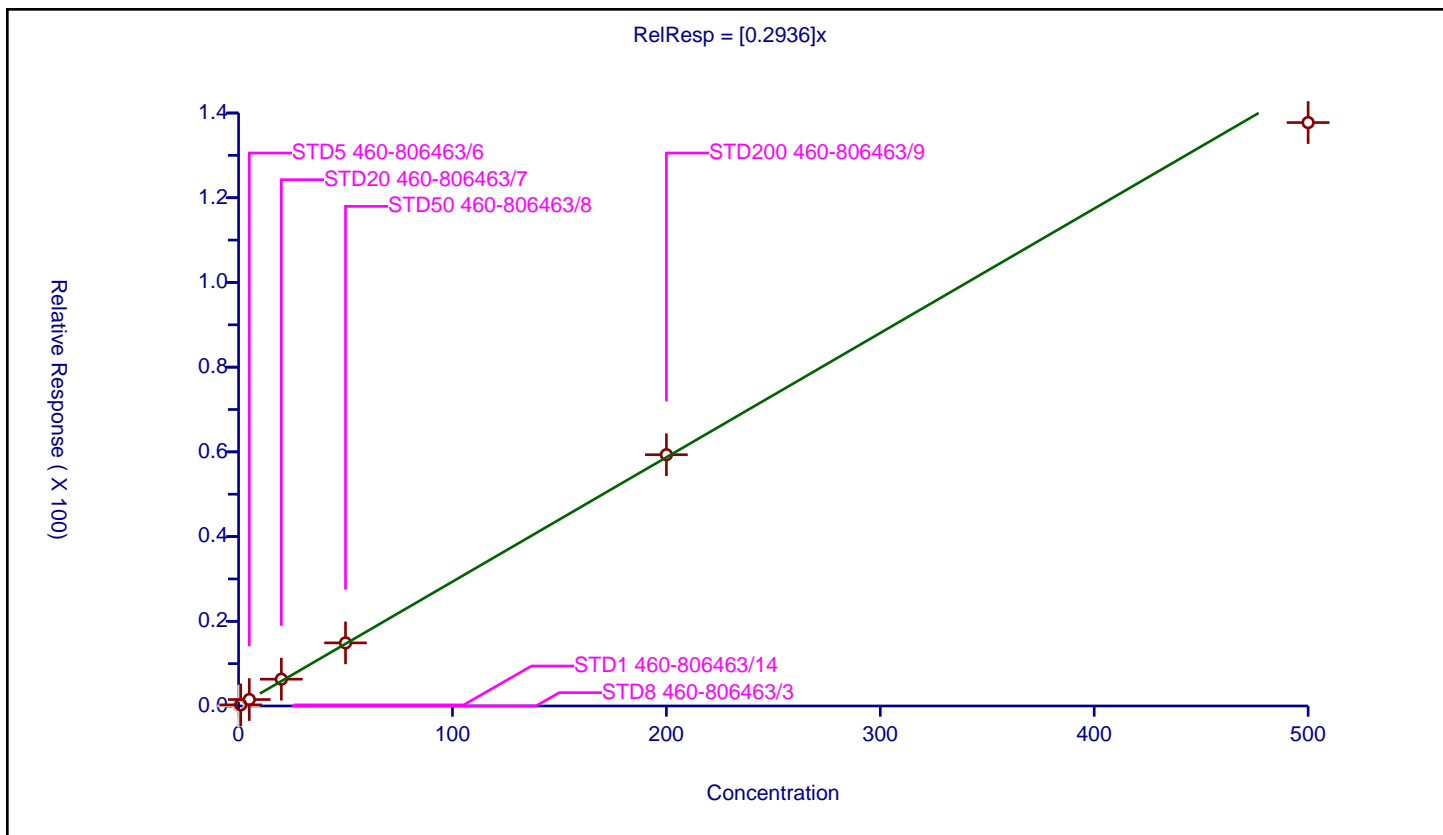
## Curve Coefficients

Intercept: 0  
 Slope: 0.2936

## Error Coefficients

Standard Error: 563000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.269722	50.0	536478.0	0.269722	Y
3	STD5 460-806463/6	5.0	1.525775	50.0	453540.0	0.305155	Y
4	STD20 460-806463/7	20.0	6.328945	50.0	426801.0	0.316447	Y
5	STD50 460-806463/8	50.0	14.90028	50.0	457129.0	0.298006	Y
6	STD200 460-806463/9	200.0	59.327192	50.0	389383.0	0.296636	Y
7	STD500 460-806463/10	500.0	137.744262	50.0	421423.0	0.275489	Y



# Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

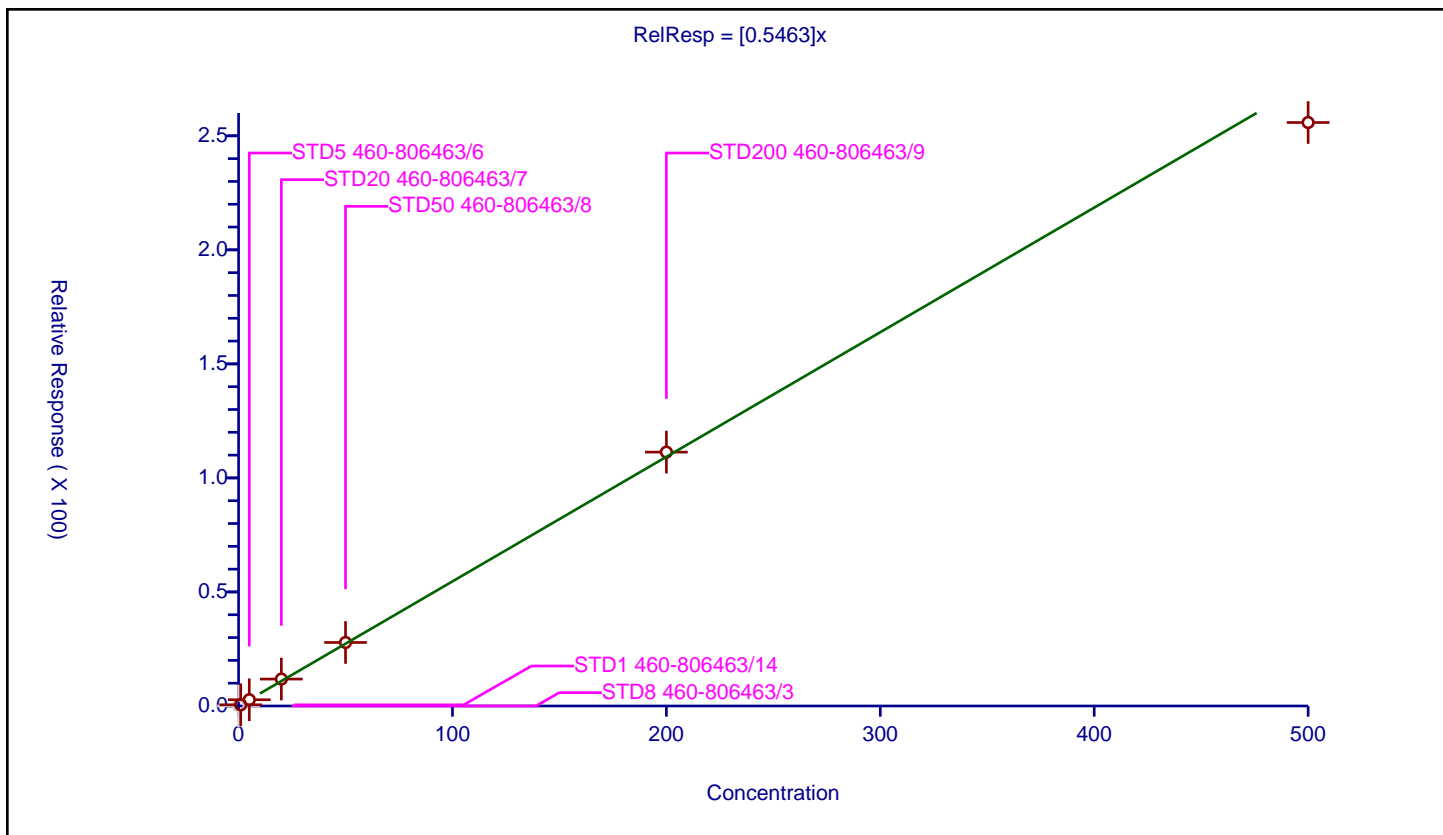
## Curve Coefficients

Intercept: 0  
 Slope: 0.5463

## Error Coefficients

Standard Error: 1050000  
 Relative Standard Error: 5.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.514373	50.0	536478.0	0.514373	Y
3	STD5 460-806463/6	5.0	2.73978	50.0	453540.0	0.547956	Y
4	STD20 460-806463/7	20.0	11.804448	50.0	426801.0	0.590222	Y
5	STD50 460-806463/8	50.0	27.847719	50.0	457129.0	0.556954	Y
6	STD200 460-806463/9	200.0	111.323684	50.0	389383.0	0.556618	Y
7	STD500 460-806463/10	500.0	255.833569	50.0	421423.0	0.511667	Y



# Calibration

/ Acrolein

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

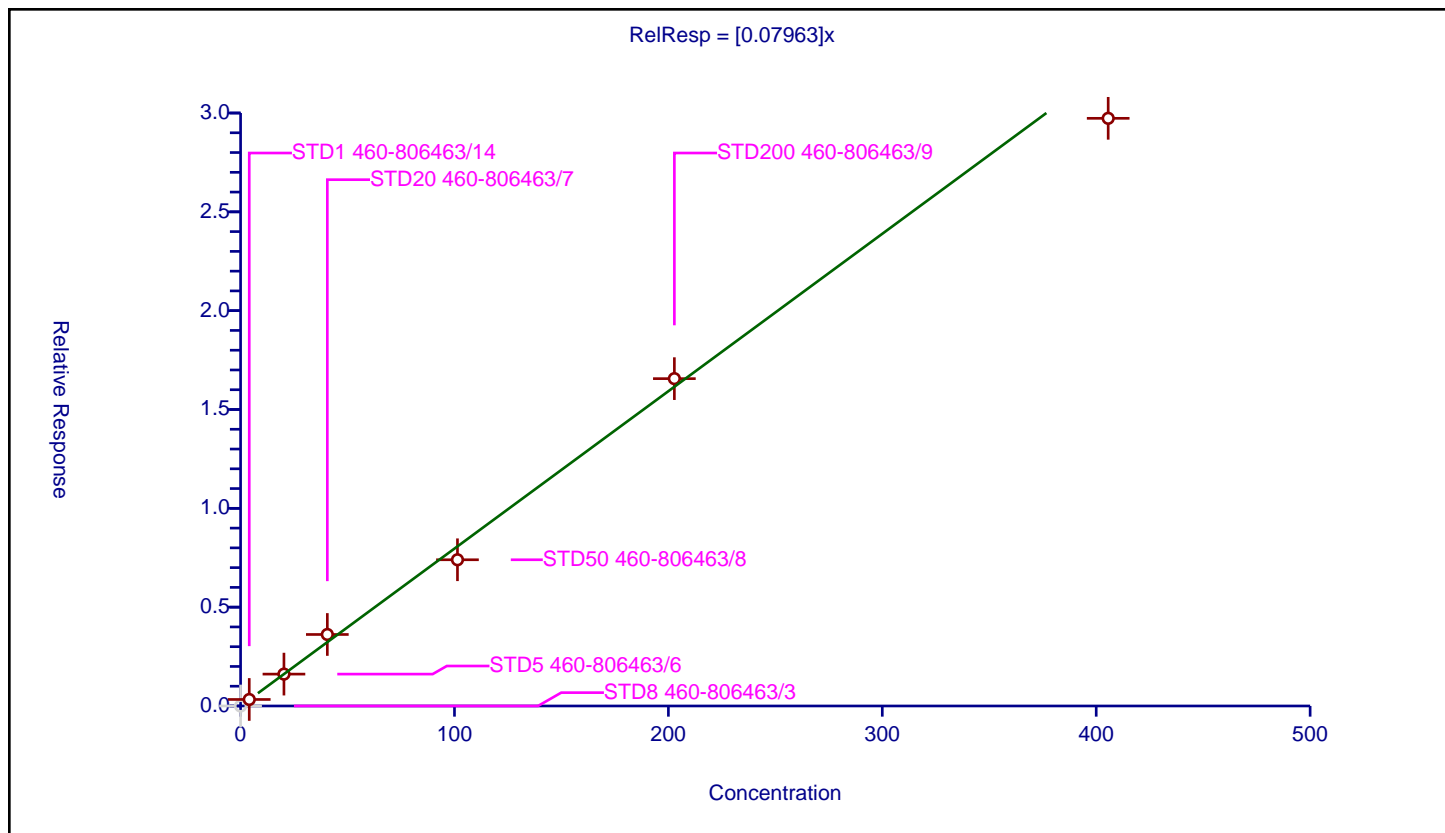
## Curve Coefficients

Intercept: 0  
 Slope: 0.07963

## Error Coefficients

Standard Error: 131000  
 Relative Standard Error: 7.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	4.056	0.329184	50.0	536478.0	0.08116	Y
3	STD5 460-806463/6	20.28	1.613198	50.0	453540.0	0.079546	Y
4	STD20 460-806463/7	40.56	3.617142	50.0	426801.0	0.08918	Y
5	STD50 460-806463/8	101.4	7.397693	50.0	457129.0	0.072956	Y
6	STD200 460-806463/9	202.8	16.561586	50.0	389383.0	0.081665	Y
7	STD500 460-806463/10	405.6	29.731766	50.0	421423.0	0.073303	Y



# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

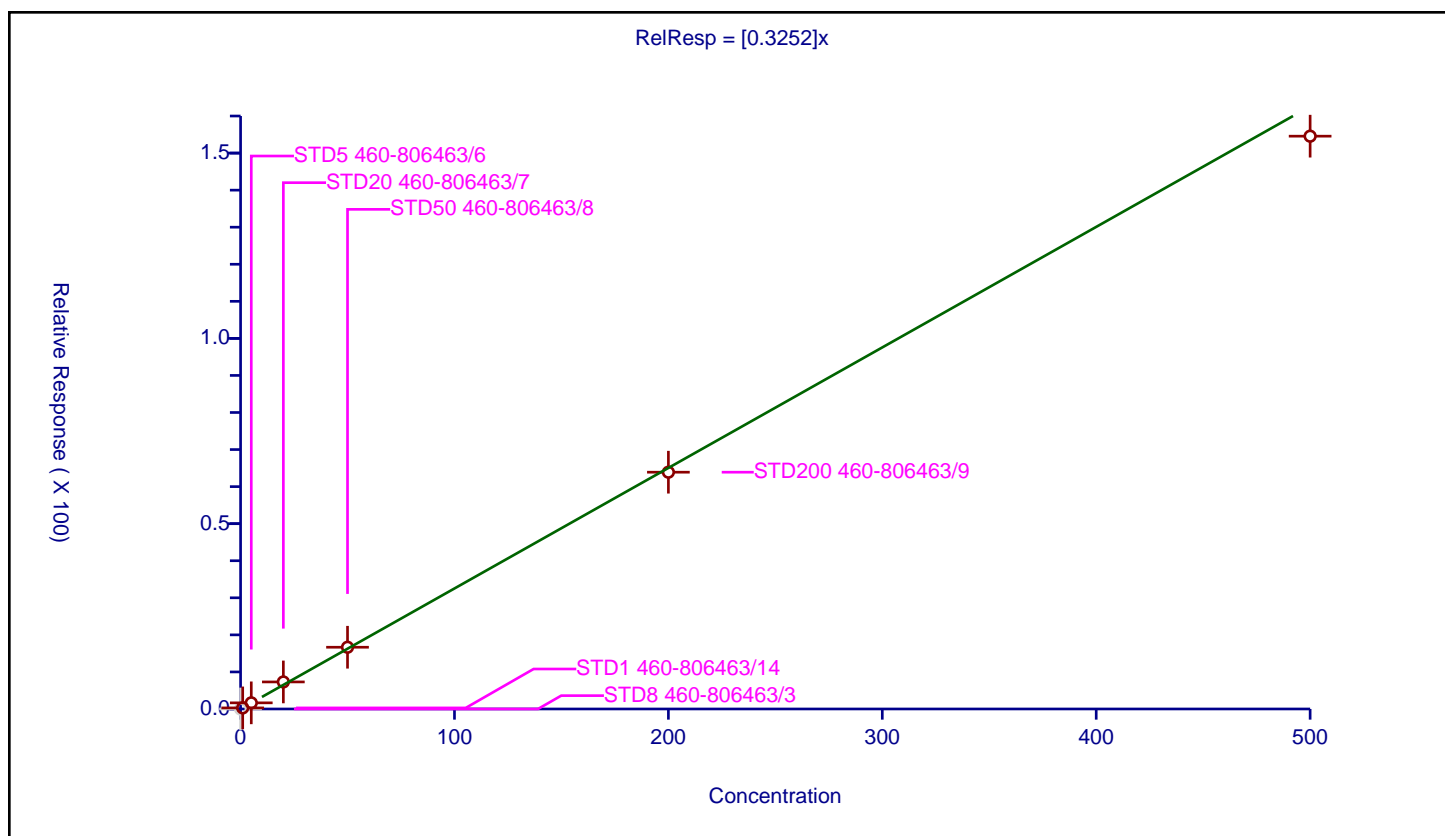
## Curve Coefficients

Intercept: 0  
 Slope: 0.3252

## Error Coefficients

Standard Error: 628000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.293302	50.0	536478.0	0.293302	Y
3	STD5 460-806463/6	5.0	1.656304	50.0	453540.0	0.331261	Y
4	STD20 460-806463/7	20.0	7.29778	50.0	426801.0	0.364889	Y
5	STD50 460-806463/8	50.0	16.657771	50.0	457129.0	0.333155	Y
6	STD200 460-806463/9	200.0	63.892877	50.0	389383.0	0.319464	Y
7	STD500 460-806463/10	500.0	154.559908	50.0	421423.0	0.30912	Y



# Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

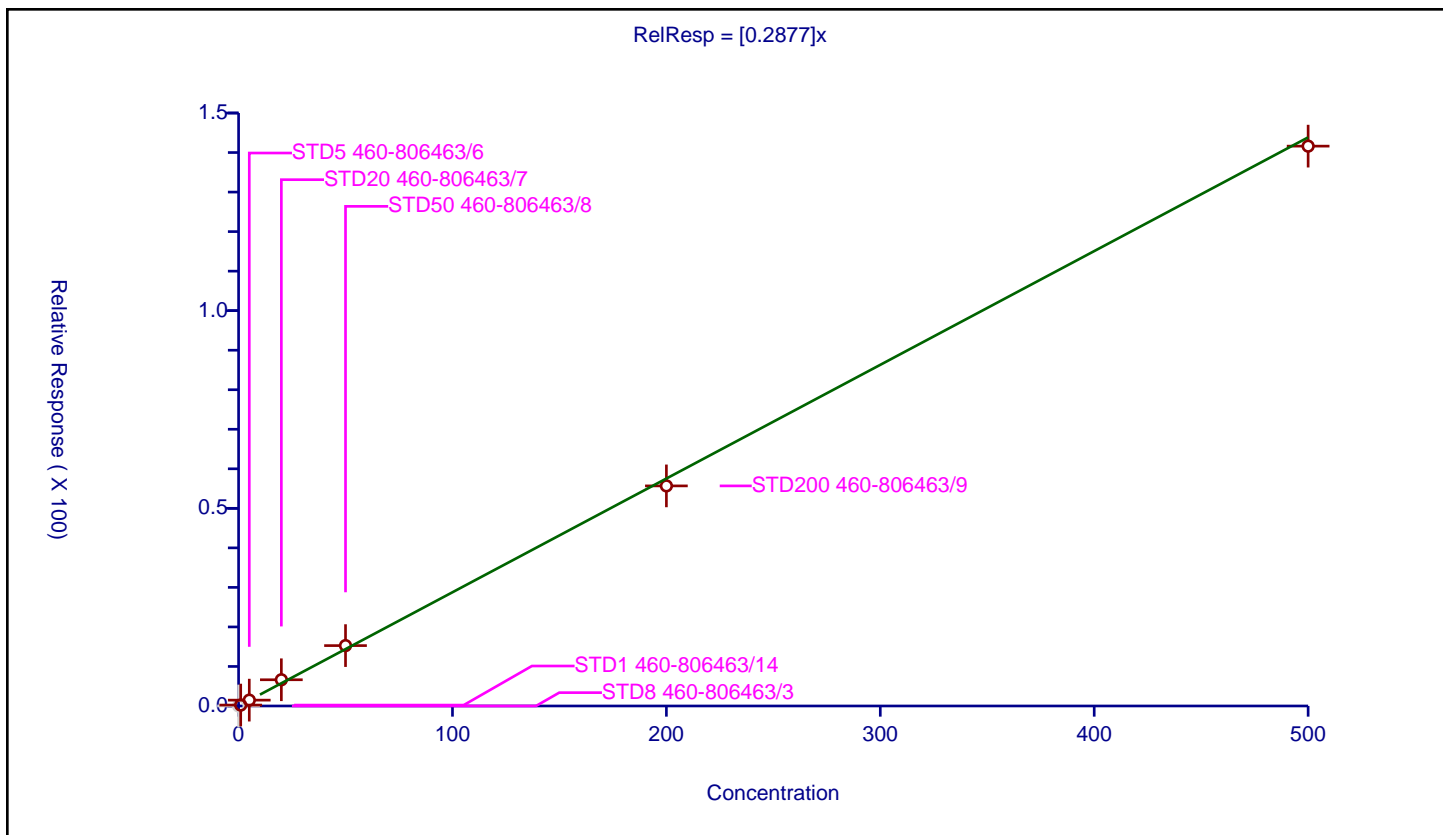
## Curve Coefficients

Intercept: 0  
 Slope: 0.2877

## Error Coefficients

Standard Error: 572000  
 Relative Standard Error: 11.7  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.230578	50.0	536478.0	0.230578	Y
3	STD5 460-806463/6	5.0	1.483772	50.0	453540.0	0.296754	Y
4	STD20 460-806463/7	20.0	6.632248	50.0	426801.0	0.331612	Y
5	STD50 460-806463/8	50.0	15.273807	50.0	457129.0	0.305476	Y
6	STD200 460-806463/9	200.0	55.673591	50.0	389383.0	0.278368	Y
7	STD500 460-806463/10	500.0	141.621838	50.0	421423.0	0.283244	Y



# Calibration

/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

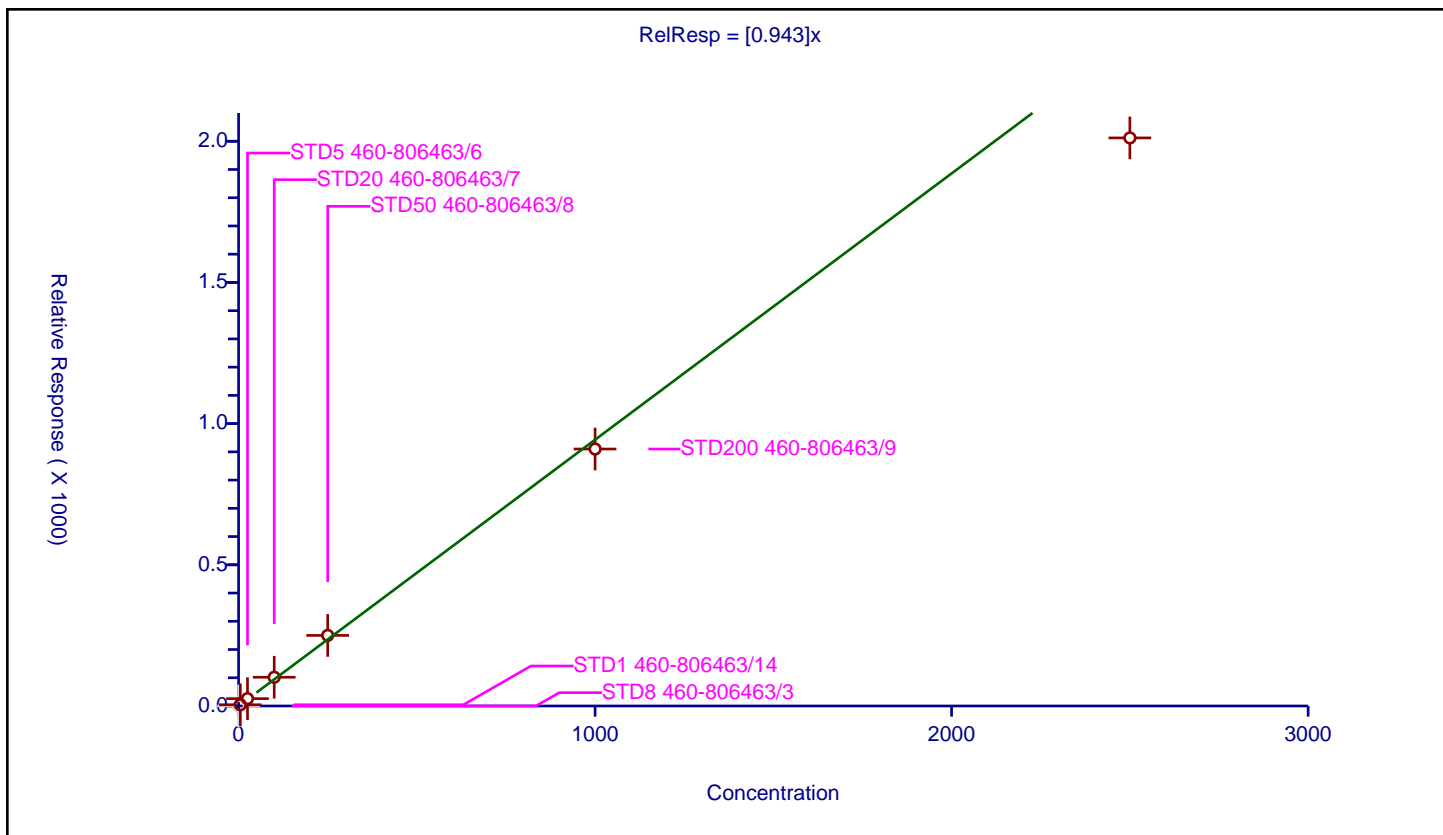
## Curve Coefficients

Intercept: 0  
 Slope: 0.943

## Error Coefficients

Standard Error: 1500000  
 Relative Standard Error: 9.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	5.0	4.431324	250.0	423519.0	0.886265	Y
3	STD5 460-806463/6	25.0	25.983083	250.0	346639.0	1.039323	Y
4	STD20 460-806463/7	100.0	101.779266	250.0	332047.0	1.017793	Y
5	STD50 460-806463/8	250.0	249.891206	250.0	381454.0	0.999565	Y
6	STD200 460-806463/9	1000.0	910.108935	250.0	336346.0	0.910109	Y
7	STD500 460-806463/10	2500.0	2011.792355	250.0	386246.0	0.804717	Y



# Calibration

/ Iodomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

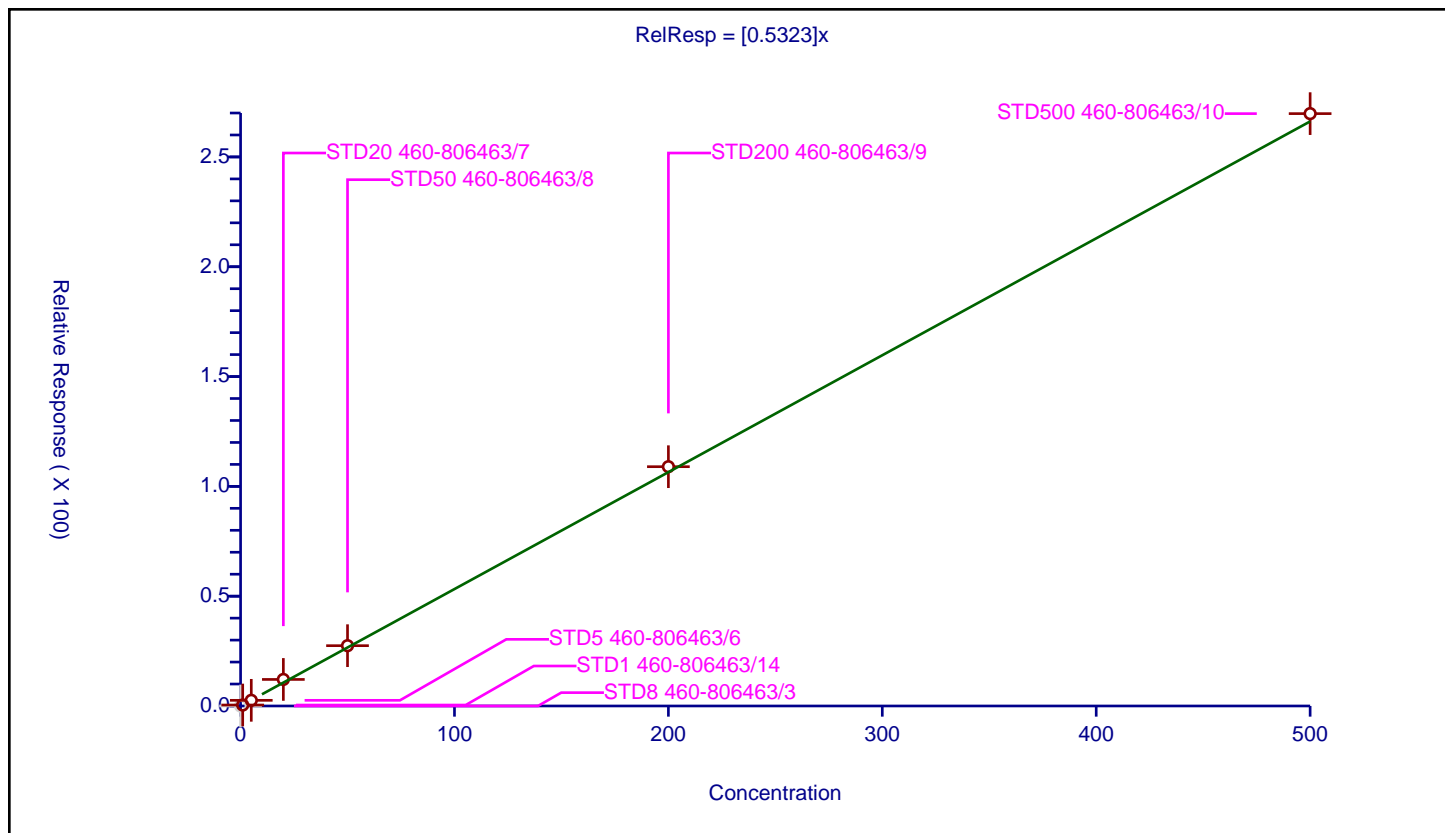
## Curve Coefficients

Intercept: 0  
 Slope: 0.5323

## Error Coefficients

Standard Error: 1090000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.440838	50.0	536478.0	0.440838	Y
3	STD5 460-806463/6	5.0	2.577501	50.0	453540.0	0.5155	Y
4	STD20 460-806463/7	20.0	12.084555	50.0	426801.0	0.604228	Y
5	STD50 460-806463/8	50.0	27.459317	50.0	457129.0	0.549186	Y
6	STD200 460-806463/9	200.0	108.957376	50.0	389383.0	0.544787	Y
7	STD500 460-806463/10	500.0	269.723532	50.0	421423.0	0.539447	Y





# Calibration

/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

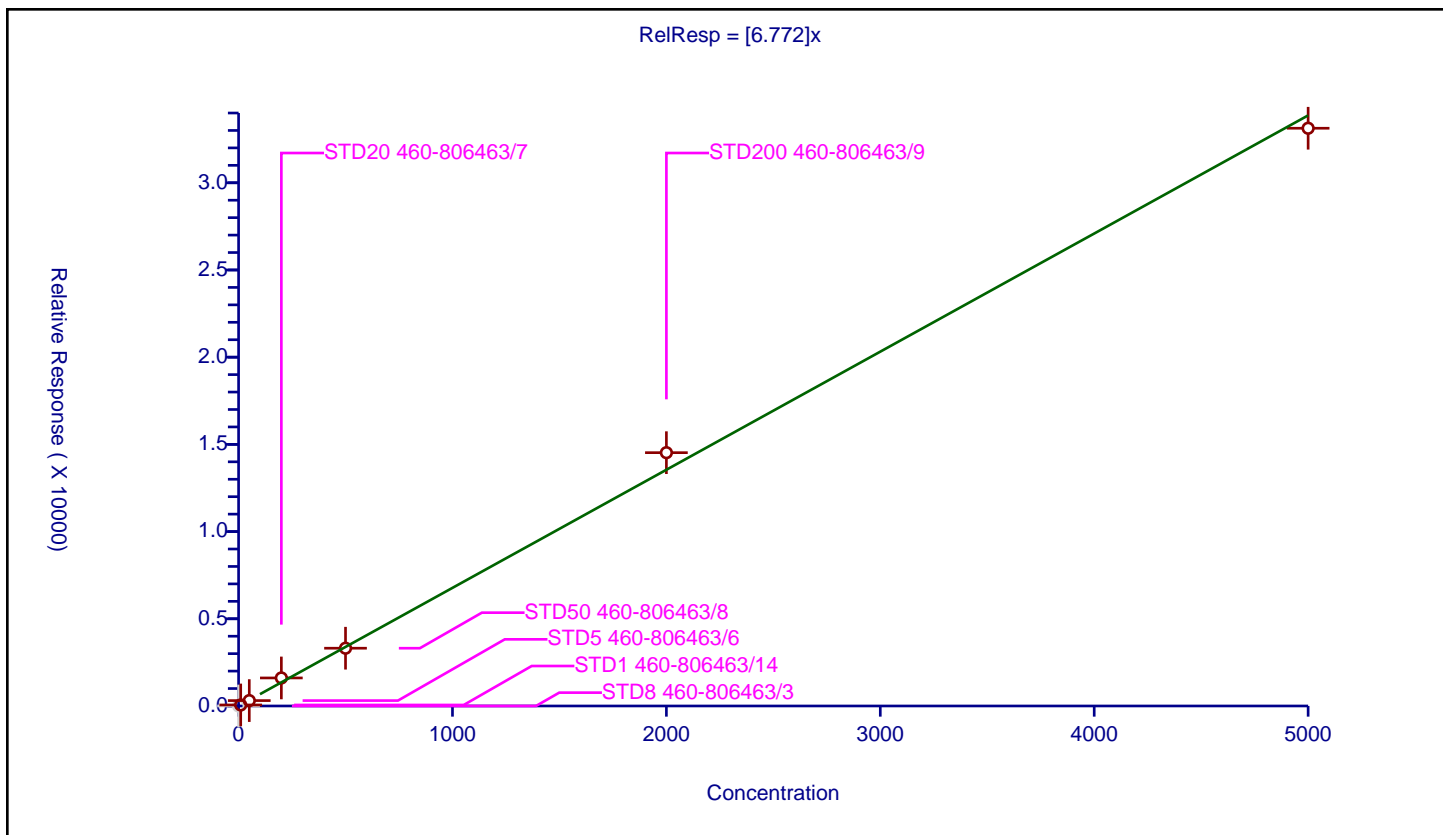
## Curve Coefficients

Intercept: 0  
 Slope: 6.772

## Error Coefficients

Standard Error: 691000  
 Relative Standard Error: 11.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	1000.0	44878.0	NaN	N
2	STD1 460-806463/14	10.0	59.028459	1000.0	40760.0	5.902846	Y
3	STD5 460-806463/6	50.0	309.022395	1000.0	41929.0	6.180448	Y
4	STD20 460-806463/7	200.0	1607.843653	1000.0	38018.0	8.039218	Y
5	STD50 460-806463/8	500.0	3311.888646	1000.0	47129.0	6.623777	Y
6	STD200 460-806463/9	2000.0	14525.324393	1000.0	39073.0	7.262662	Y
7	STD500 460-806463/10	5000.0	33127.033255	1000.0	44264.0	6.625407	Y



# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

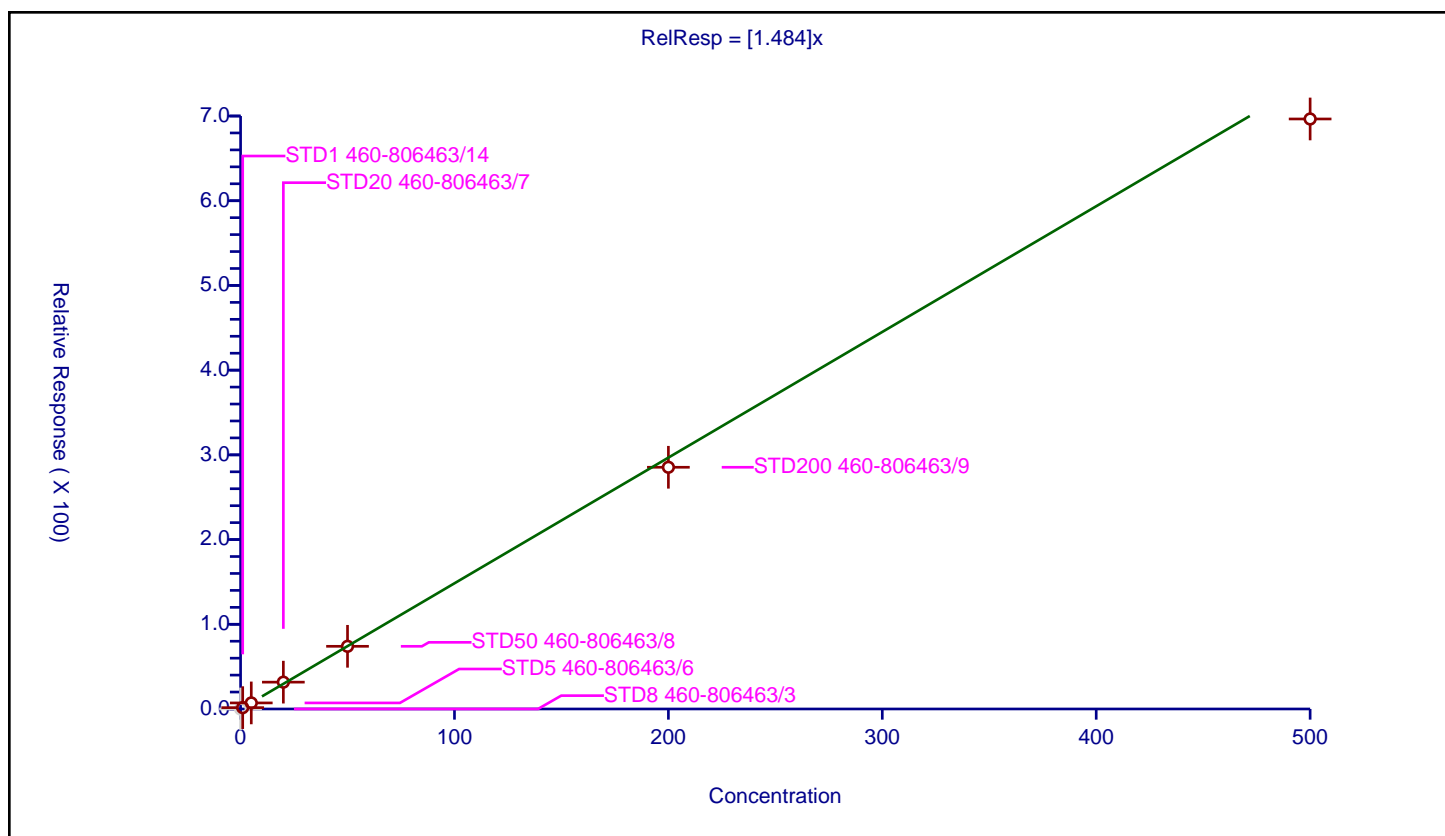
## Curve Coefficients

Intercept: 0  
 Slope: 1.484

## Error Coefficients

Standard Error: 2830000  
 Relative Standard Error: 5.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	1.587484	50.0	536478.0	1.587484	Y
3	STD5 460-806463/6	5.0	7.158024	50.0	453540.0	1.431605	Y
4	STD20 460-806463/7	20.0	31.674715	50.0	426801.0	1.583736	Y
5	STD50 460-806463/8	50.0	73.981524	50.0	457129.0	1.47963	Y
6	STD200 460-806463/9	200.0	285.3386	50.0	389383.0	1.426693	Y
7	STD500 460-806463/10	500.0	696.491174	50.0	421423.0	1.392982	Y



# Calibration

/ 3-Chloro-1-propene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

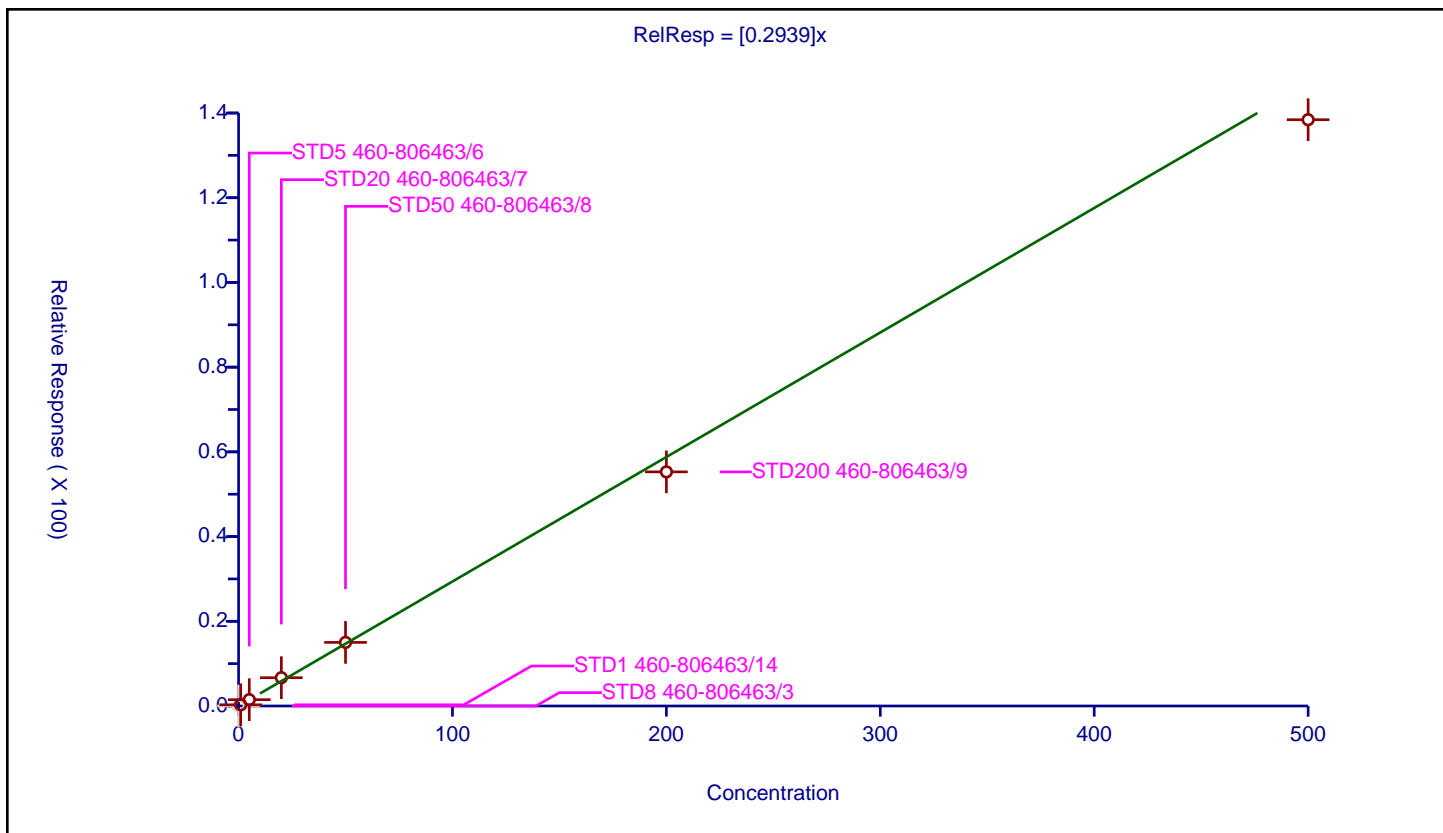
## Curve Coefficients

Intercept: 0  
 Slope: 0.2939

## Error Coefficients

Standard Error: 560000  
 Relative Standard Error: 7.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.27811	50.0	536478.0	0.27811	Y
3	STD5 460-806463/6	5.0	1.490828	50.0	453540.0	0.298166	Y
4	STD20 460-806463/7	20.0	6.675828	50.0	426801.0	0.333791	Y
5	STD50 460-806463/8	50.0	15.015674	50.0	457129.0	0.300313	Y
6	STD200 460-806463/9	200.0	55.275269	50.0	389383.0	0.276376	Y
7	STD500 460-806463/10	500.0	138.422203	50.0	421423.0	0.276844	Y



# Calibration

/ Methyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

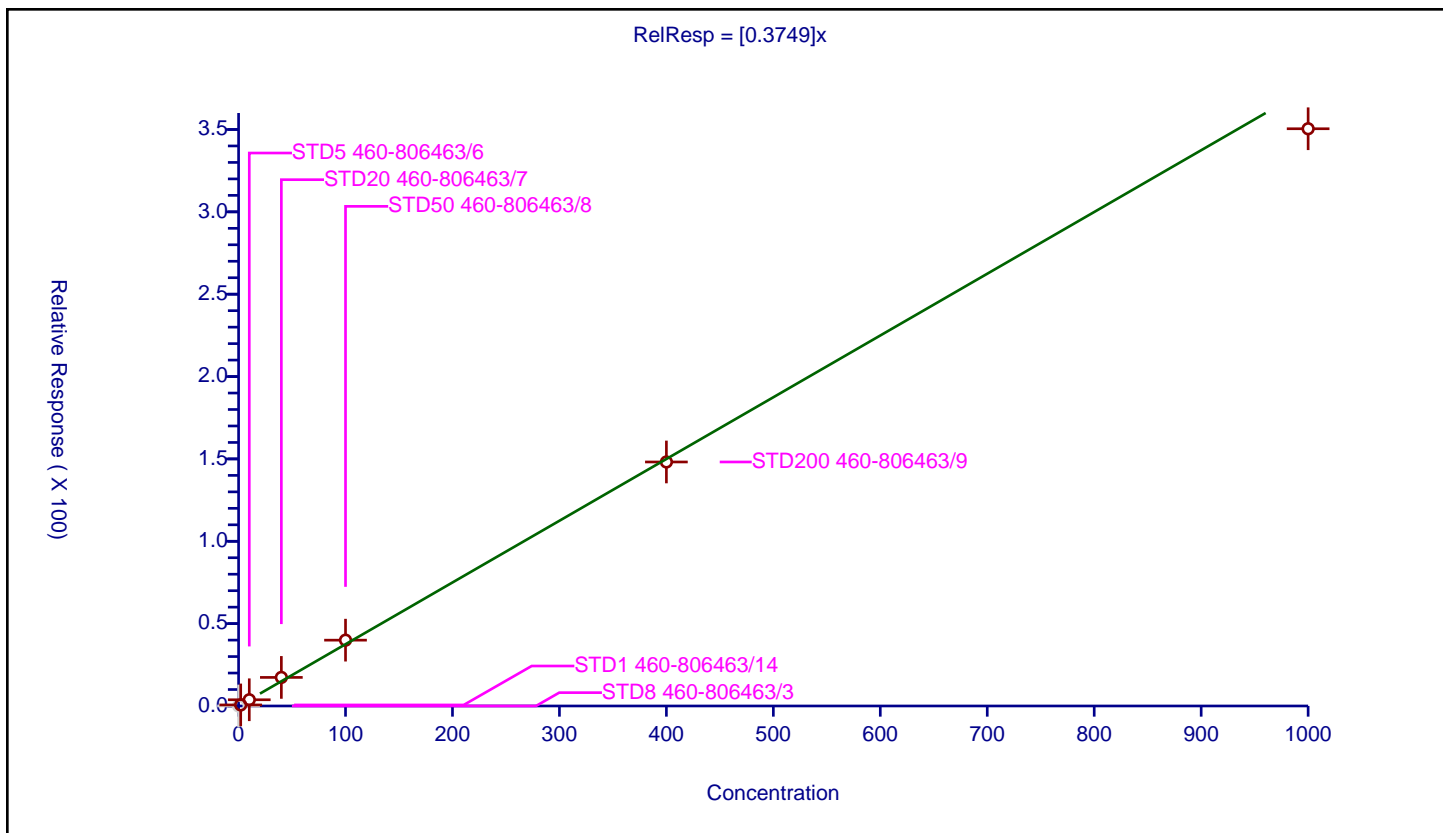
## Curve Coefficients

Intercept: 0  
 Slope: 0.3749

## Error Coefficients

Standard Error: 1430000  
 Relative Standard Error: 10.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	2.0	0.635907	50.0	536478.0	0.317953	Y
3	STD5 460-806463/6	10.0	3.773427	50.0	453540.0	0.377343	Y
4	STD20 460-806463/7	40.0	17.345789	50.0	426801.0	0.433645	Y
5	STD50 460-806463/8	100.0	39.957539	50.0	457129.0	0.399575	Y
6	STD200 460-806463/9	400.0	148.13564	50.0	389383.0	0.370339	Y
7	STD500 460-806463/10	1000.0	350.450379	50.0	421423.0	0.35045	Y



# Calibration

/ Cyclopentene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

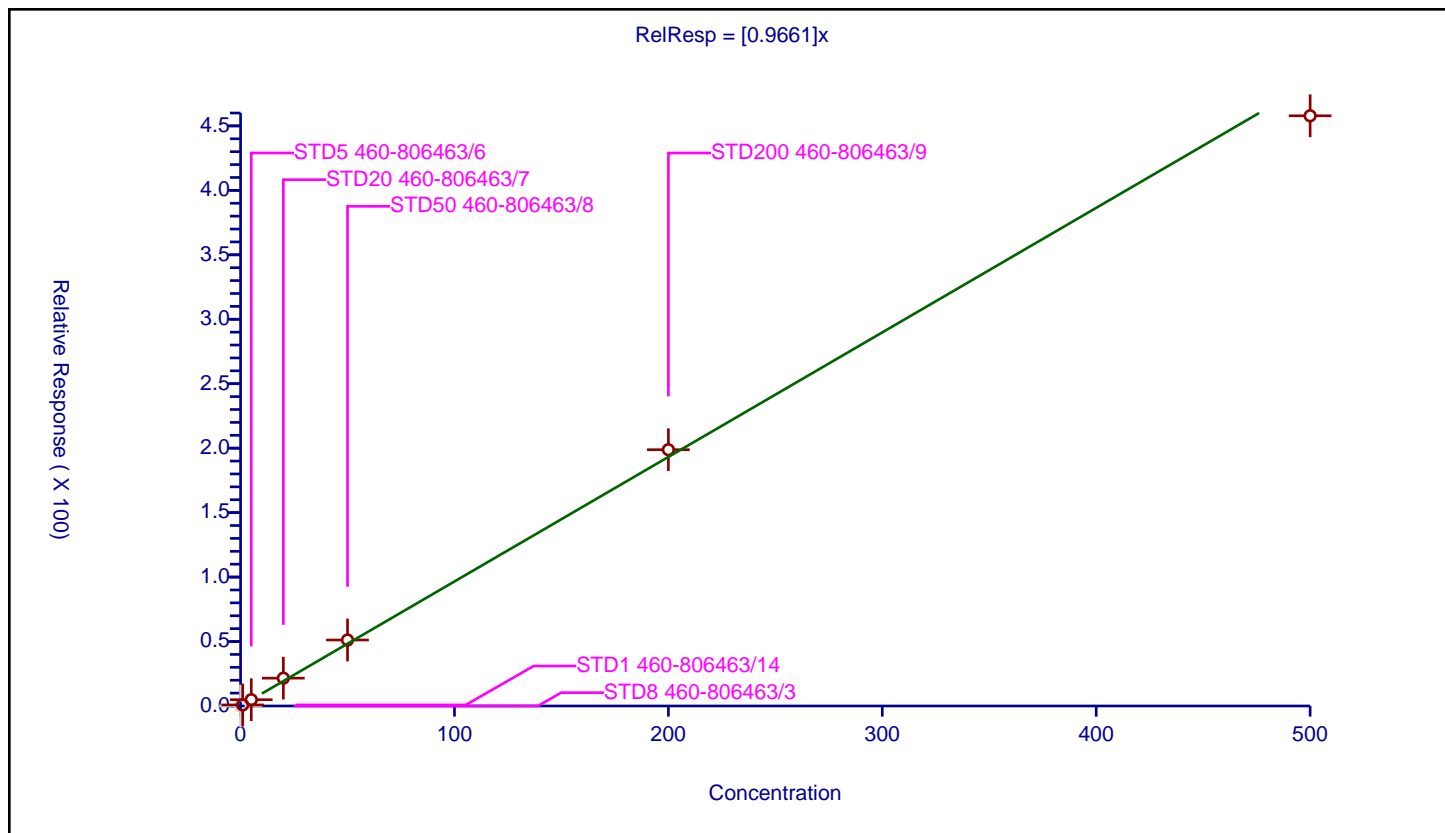
## Curve Coefficients

Intercept: 0  
 Slope: 0.9661

## Error Coefficients

Standard Error: 1870000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.808048	50.0	536478.0	0.808048	Y
3	STD5 460-806463/6	5.0	4.876968	50.0	453540.0	0.975394	Y
4	STD20 460-806463/7	20.0	21.589101	50.0	426801.0	1.079455	Y
5	STD50 460-806463/8	50.0	51.186208	50.0	457129.0	1.023724	Y
6	STD200 460-806463/9	200.0	198.800538	50.0	389383.0	0.994003	Y
7	STD500 460-806463/10	500.0	457.840697	50.0	421423.0	0.915681	Y



# Calibration

/ Acetonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

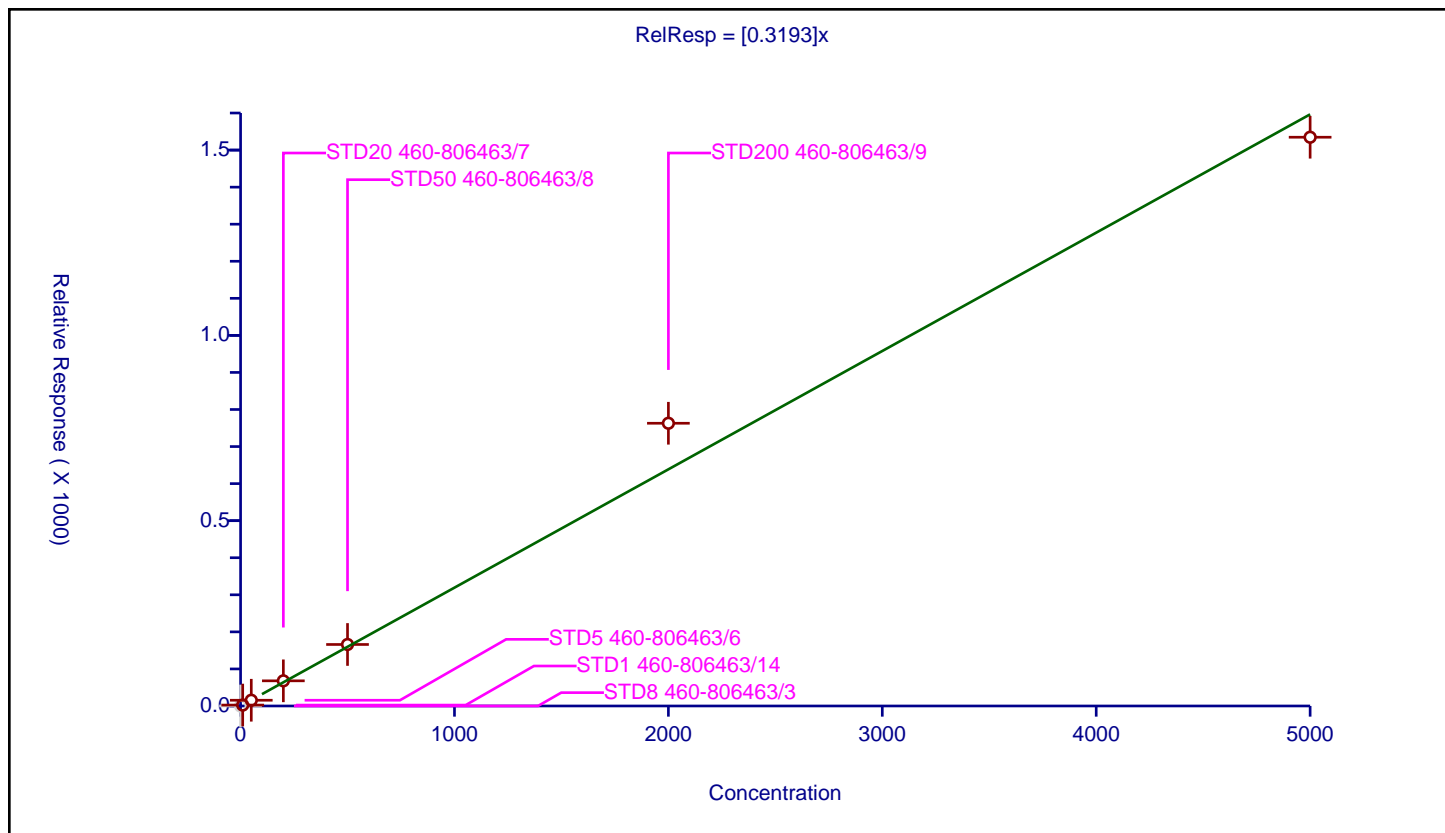
## Curve Coefficients

Intercept: 0  
 Slope: 0.3193

## Error Coefficients

Standard Error: 1160000  
 Relative Standard Error: 14.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	10.0	2.453255	250.0	423519.0	0.245325	Y
3	STD5 460-806463/6	50.0	15.529845	250.0	346639.0	0.310597	Y
4	STD20 460-806463/7	200.0	67.886474	250.0	332047.0	0.339432	Y
5	STD50 460-806463/8	500.0	165.972175	250.0	381454.0	0.331944	Y
6	STD200 460-806463/9	2000.0	762.863985	250.0	336346.0	0.381432	Y
7	STD500 460-806463/10	5000.0	1534.696152	250.0	386246.0	0.306939	Y



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

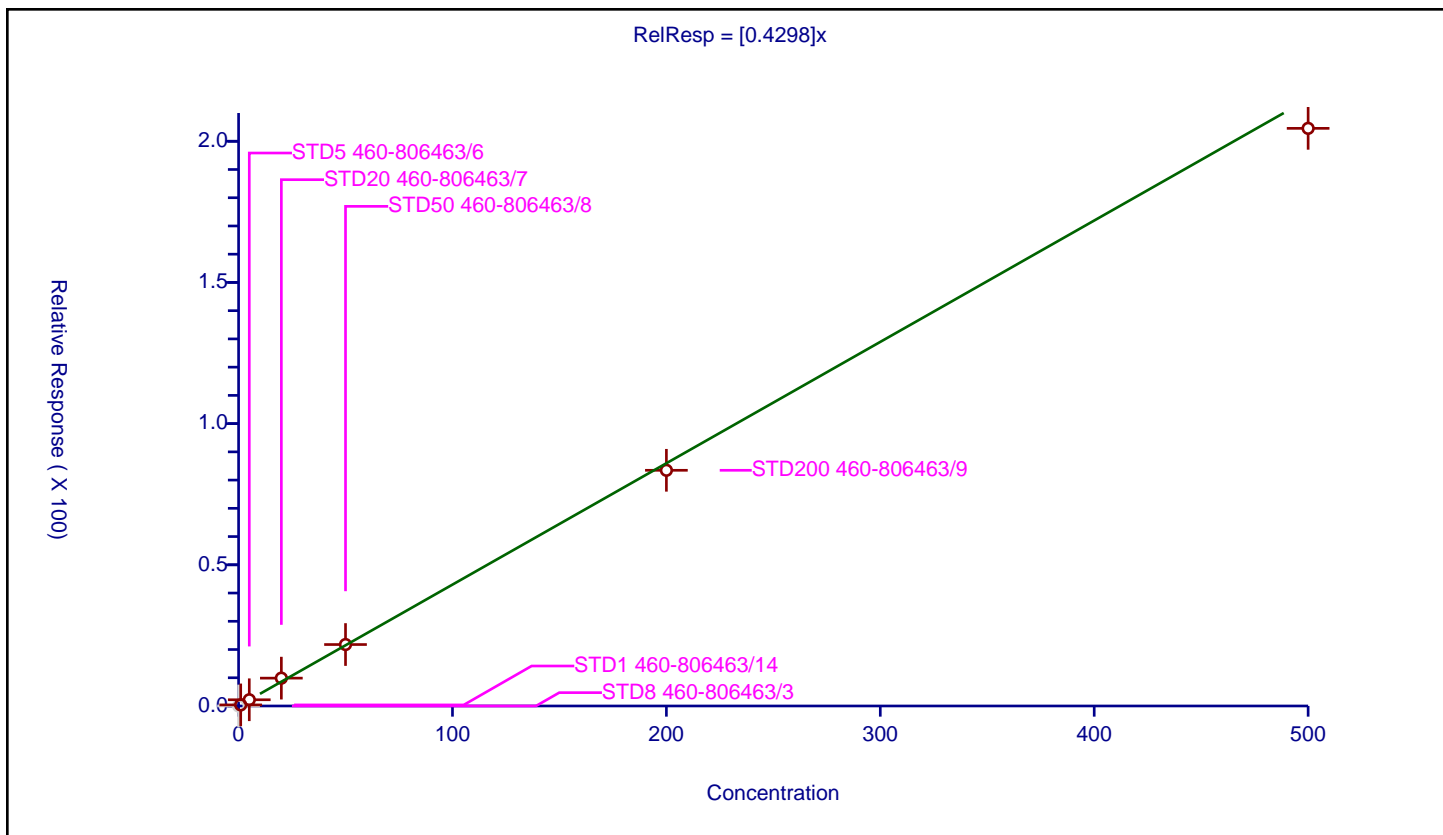
## Curve Coefficients

Intercept: 0  
 Slope: 0.4298

## Error Coefficients

Standard Error: 830000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.383427	50.0	536478.0	0.383427	Y
3	STD5 460-806463/6	5.0	2.202342	50.0	453540.0	0.440468	Y
4	STD20 460-806463/7	20.0	9.86373	50.0	426801.0	0.493187	Y
5	STD50 460-806463/8	50.0	21.76366	50.0	457129.0	0.435273	Y
6	STD200 460-806463/9	200.0	83.46615	50.0	389383.0	0.417331	Y
7	STD500 460-806463/10	500.0	204.567382	50.0	421423.0	0.409135	Y



# Calibration

/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

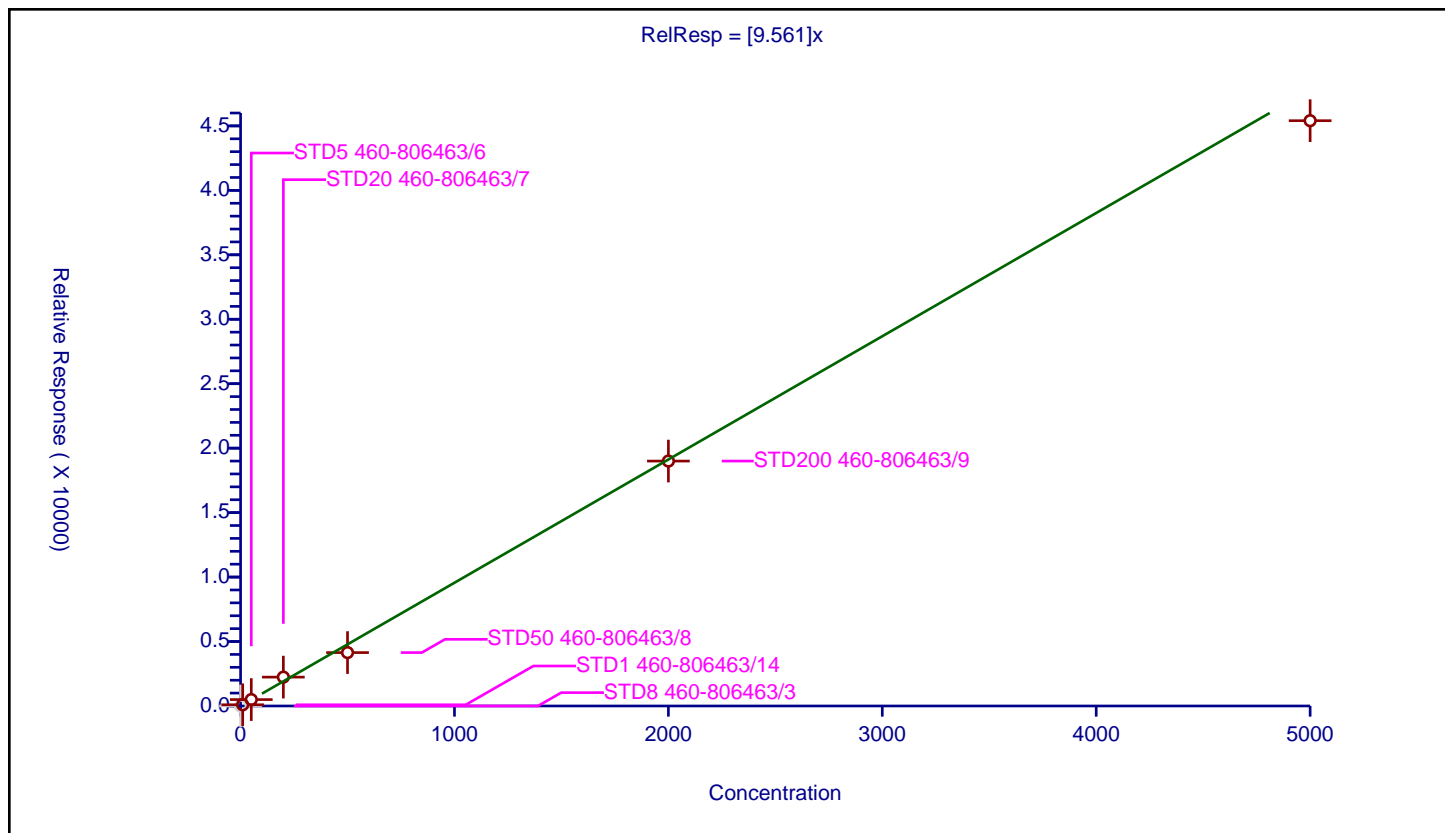
## Curve Coefficients

Intercept: 0  
 Slope: 9.561

## Error Coefficients

Standard Error: 940000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	1000.0	44878.0	NaN	N
2	STD1 460-806463/14	10.0	93.645731	1000.0	40760.0	9.364573	Y
3	STD5 460-806463/6	50.0	497.126094	1000.0	41929.0	9.942522	Y
4	STD20 460-806463/7	200.0	2238.650113	1000.0	38018.0	11.193251	Y
5	STD50 460-806463/8	500.0	4142.969297	1000.0	47129.0	8.285939	Y
6	STD200 460-806463/9	2000.0	19000.230338	1000.0	39073.0	9.500115	Y
7	STD500 460-806463/10	5000.0	45405.137358	1000.0	44264.0	9.081027	Y





# Calibration

/ Methyl tert-butyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

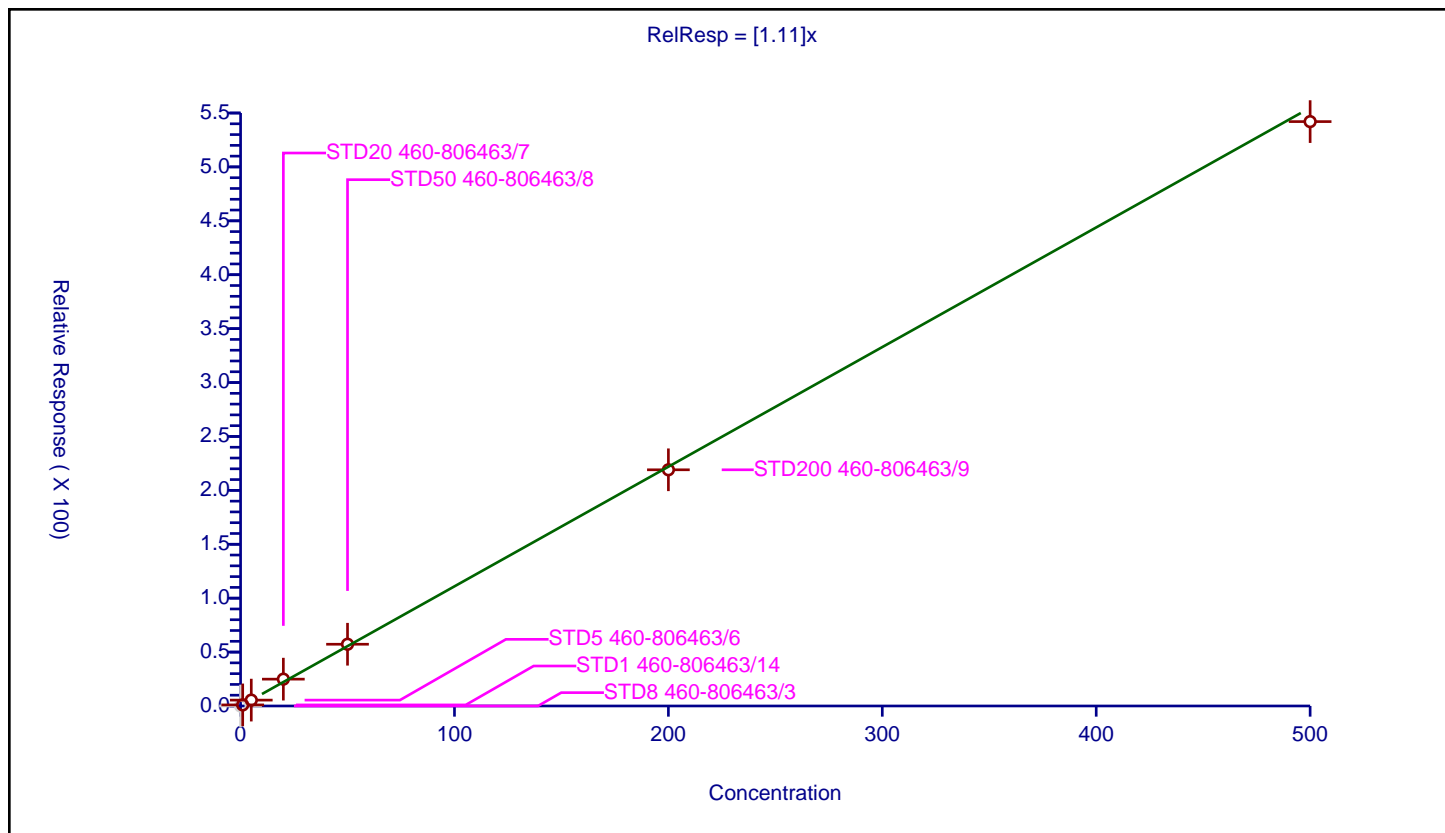
## Curve Coefficients

Intercept: 0  
 Slope: 1.11

## Error Coefficients

Standard Error: 2200000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.996499	50.0	536478.0	0.996499	Y
3	STD5 460-806463/6	5.0	5.461701	50.0	453540.0	1.09234	Y
4	STD20 460-806463/7	20.0	24.889703	50.0	426801.0	1.244485	Y
5	STD50 460-806463/8	50.0	57.259548	50.0	457129.0	1.145191	Y
6	STD200 460-806463/9	200.0	219.083139	50.0	389383.0	1.095416	Y
7	STD500 460-806463/10	500.0	542.031878	50.0	421423.0	1.084064	Y



# Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

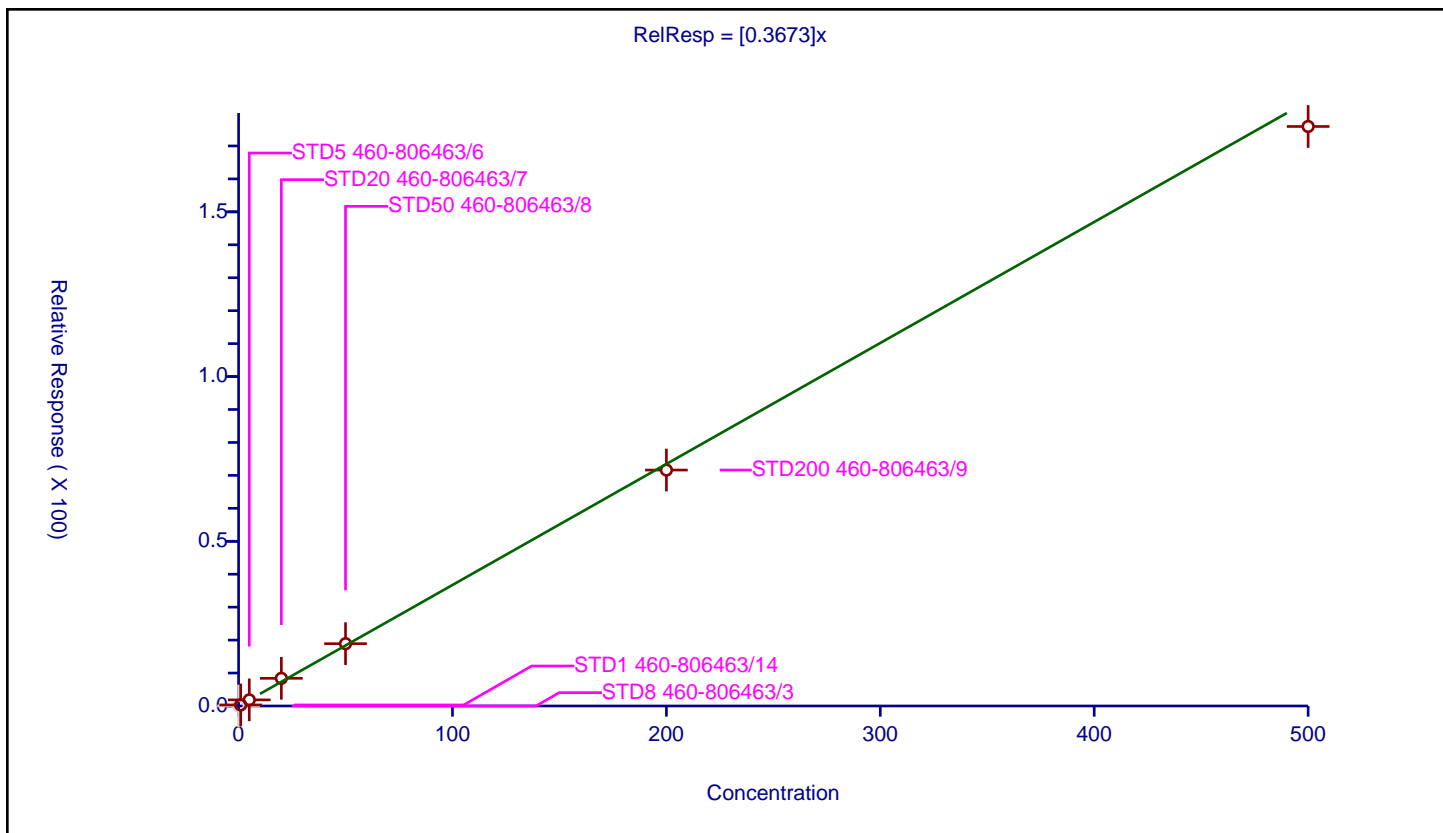
## Curve Coefficients

Intercept: 0  
 Slope: 0.3673

## Error Coefficients

Standard Error: 713000  
 Relative Standard Error: 8.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.323219	50.0	536478.0	0.323219	Y
3	STD5 460-806463/6	5.0	1.861468	50.0	453540.0	0.372294	Y
4	STD20 460-806463/7	20.0	8.402159	50.0	426801.0	0.420108	Y
5	STD50 460-806463/8	50.0	18.912714	50.0	457129.0	0.378254	Y
6	STD200 460-806463/9	200.0	71.620358	50.0	389383.0	0.358102	Y
7	STD500 460-806463/10	500.0	175.911258	50.0	421423.0	0.351823	Y



# Calibration

/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

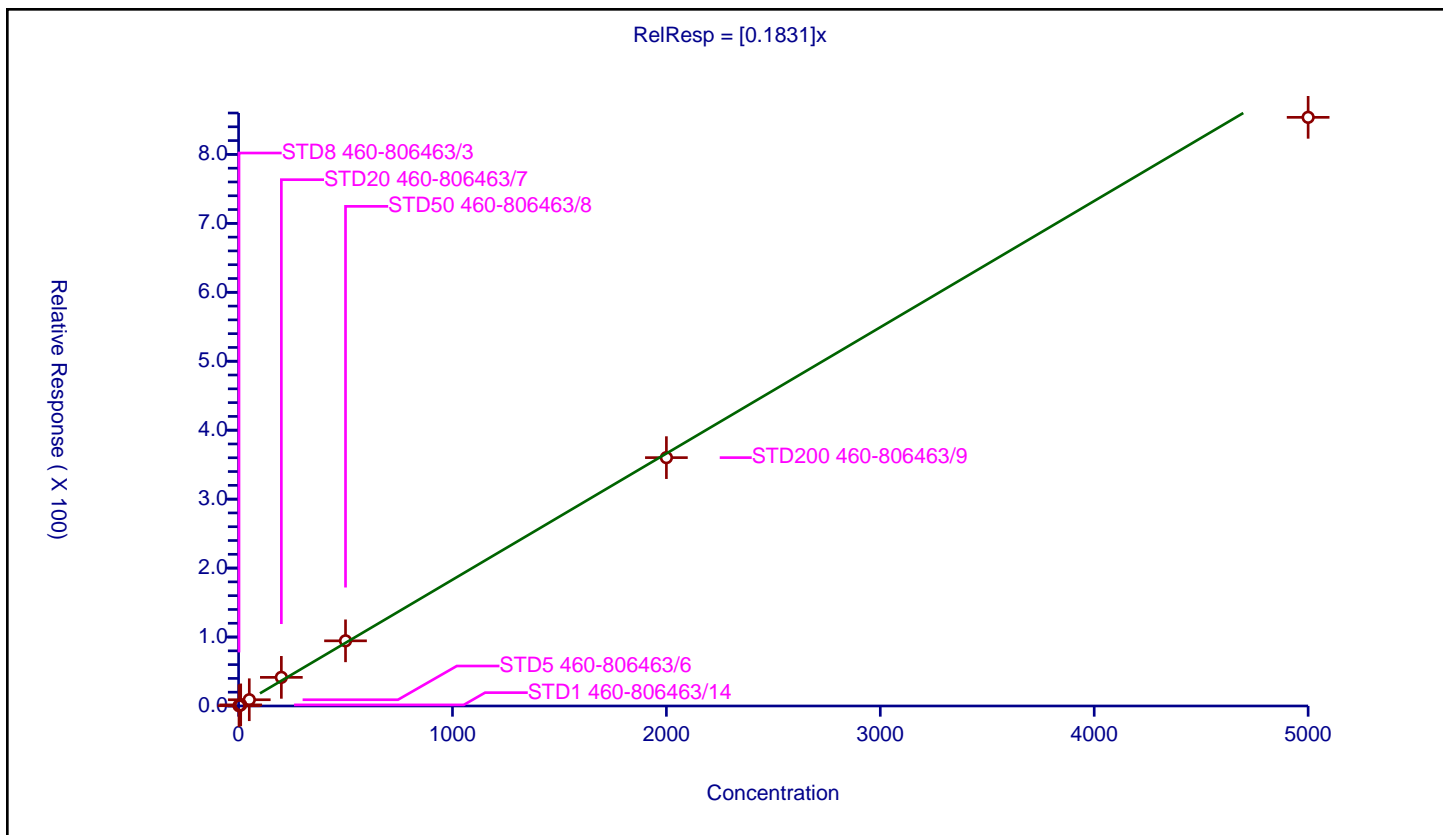
## Curve Coefficients

Intercept: 0  
 Slope: 0.1831

## Error Coefficients

Standard Error: 3180000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	2.0	0.382936	50.0	485329.0	0.191468	Y
2	STD1 460-806463/14	10.0	1.613673	50.0	536478.0	0.161367	Y
3	STD5 460-806463/6	50.0	9.067227	50.0	453540.0	0.181345	Y
4	STD20 460-806463/7	200.0	41.527785	50.0	426801.0	0.207639	Y
5	STD50 460-806463/8	500.0	94.51424	50.0	457129.0	0.189028	Y
6	STD200 460-806463/9	2000.0	360.185858	50.0	389383.0	0.180093	Y
7	STD500 460-806463/10	5000.0	853.736151	50.0	421423.0	0.170747	Y



# Calibration

/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

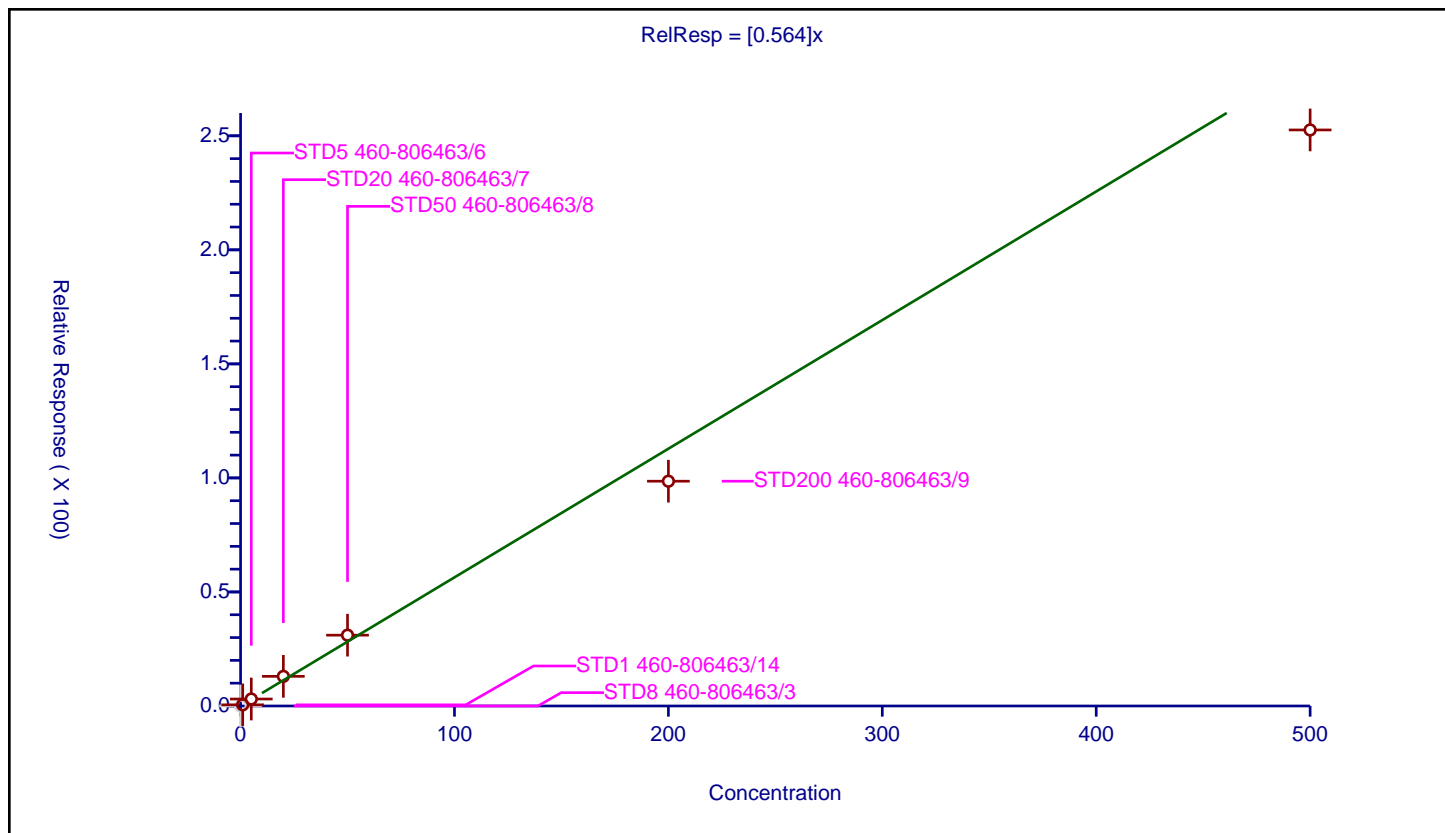
## Curve Coefficients

Intercept: 0  
 Slope: 0.564

## Error Coefficients

Standard Error: 1020000  
 Relative Standard Error: 12.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.504028	50.0	536478.0	0.504028	Y
3	STD5 460-806463/6	5.0	3.056952	50.0	453540.0	0.61139	Y
4	STD20 460-806463/7	20.0	12.990715	50.0	426801.0	0.649536	Y
5	STD50 460-806463/8	50.0	31.052832	50.0	457129.0	0.621057	Y
6	STD200 460-806463/9	200.0	98.560672	50.0	389383.0	0.492803	Y
7	STD500 460-806463/10	500.0	252.574966	50.0	421423.0	0.50515	Y



# Calibration

/ Isopropyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

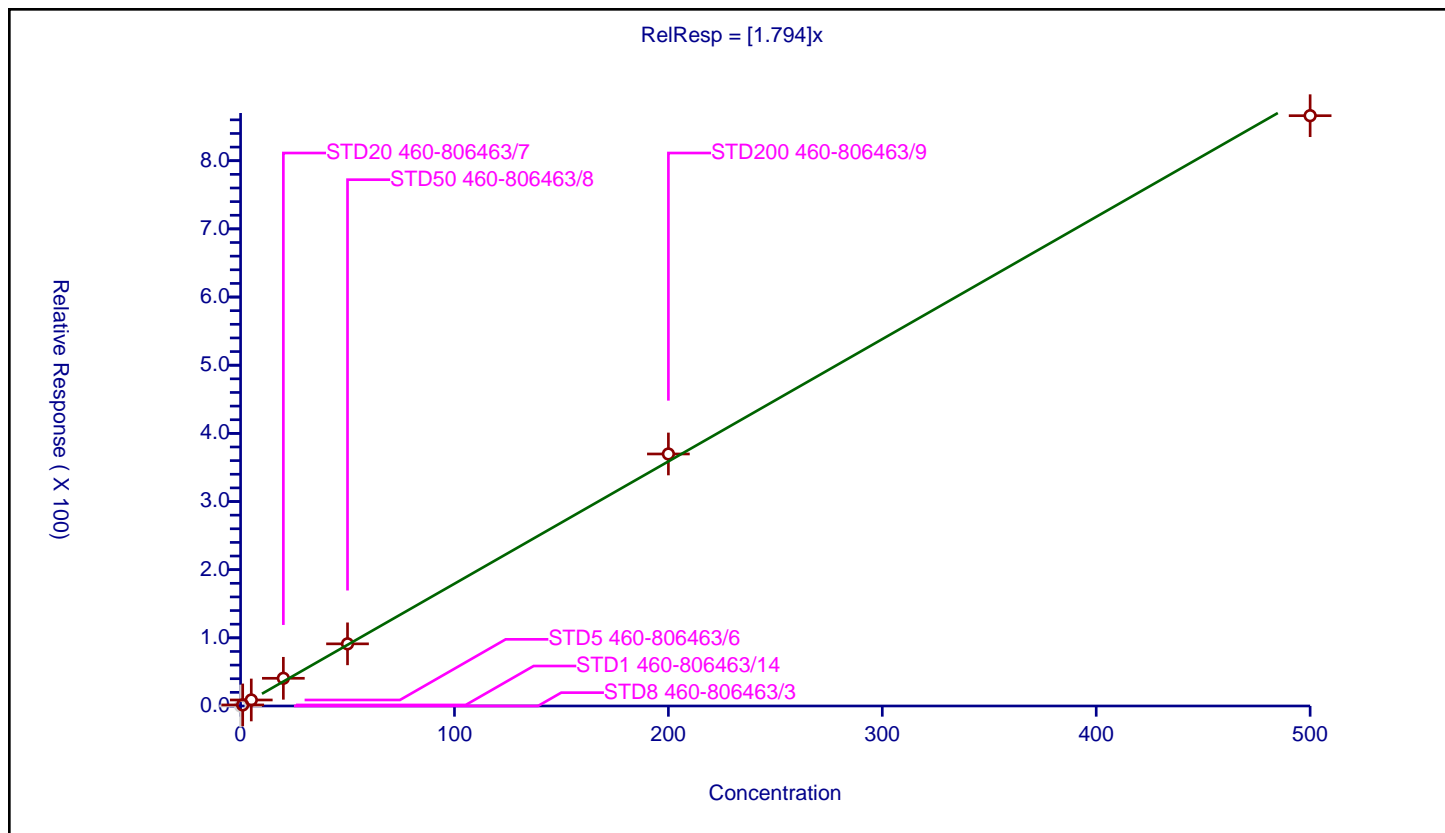
## Curve Coefficients

Intercept: 0  
 Slope: 1.794

## Error Coefficients

Standard Error: 3530000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	1.56437	50.0	536478.0	1.56437	Y
3	STD5 460-806463/6	5.0	8.821383	50.0	453540.0	1.764277	Y
4	STD20 460-806463/7	20.0	40.630997	50.0	426801.0	2.03155	Y
5	STD50 460-806463/8	50.0	91.198327	50.0	457129.0	1.823967	Y
6	STD200 460-806463/9	200.0	369.744442	50.0	389383.0	1.848722	Y
7	STD500 460-806463/10	500.0	866.082653	50.0	421423.0	1.732165	Y



# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

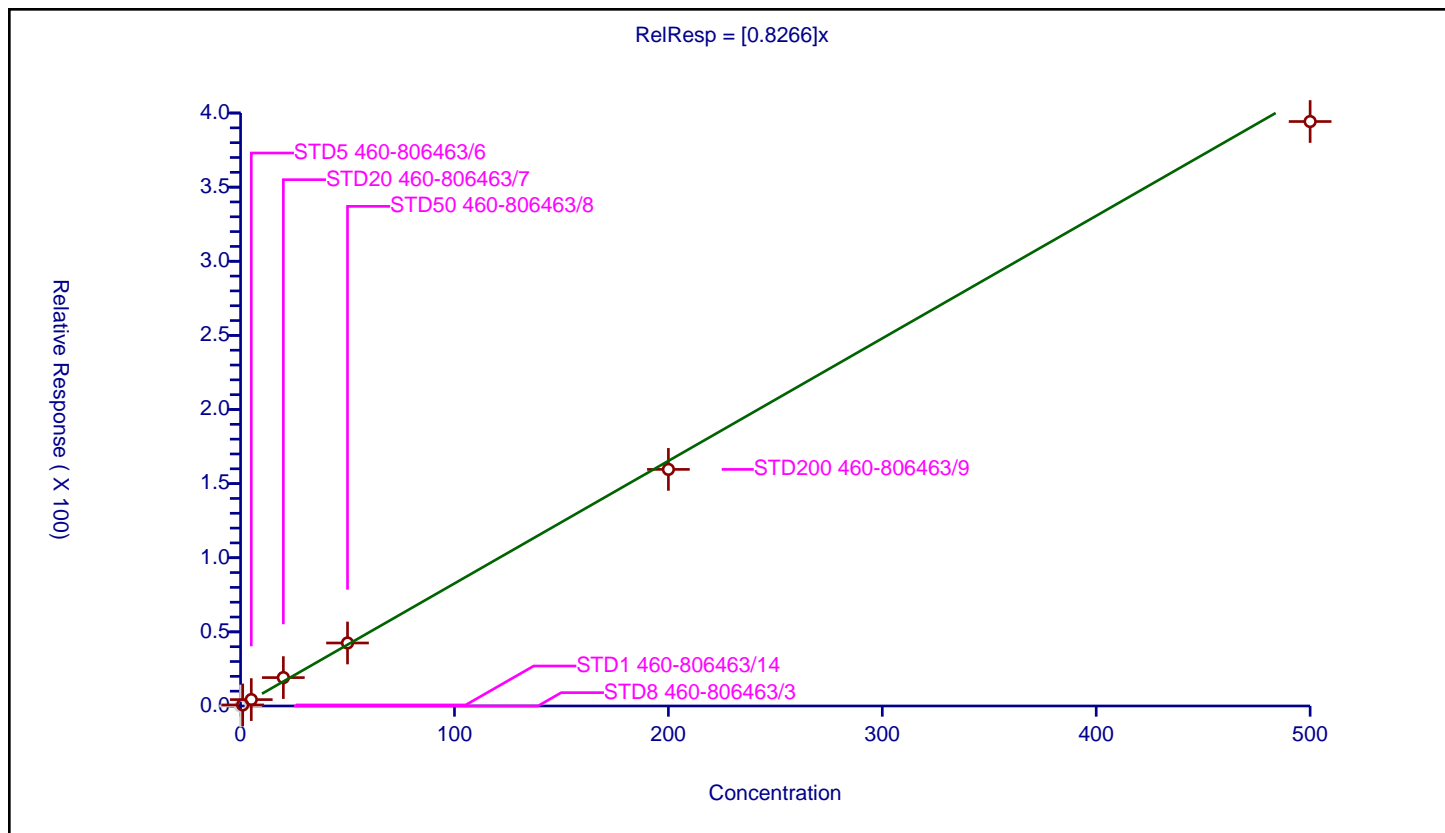
## Curve Coefficients

Intercept: 0  
 Slope: 0.8266

## Error Coefficients

Standard Error: 1600000  
 Relative Standard Error: 10.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.704502	50.0	536478.0	0.704502	Y
3	STD5 460-806463/6	5.0	4.307007	50.0	453540.0	0.861401	Y
4	STD20 460-806463/7	20.0	19.144051	50.0	426801.0	0.957203	Y
5	STD50 460-806463/8	50.0	42.502663	50.0	457129.0	0.850053	Y
6	STD200 460-806463/9	200.0	159.596849	50.0	389383.0	0.797984	Y
7	STD500 460-806463/10	500.0	394.26645	50.0	421423.0	0.788533	Y



# Calibration

/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

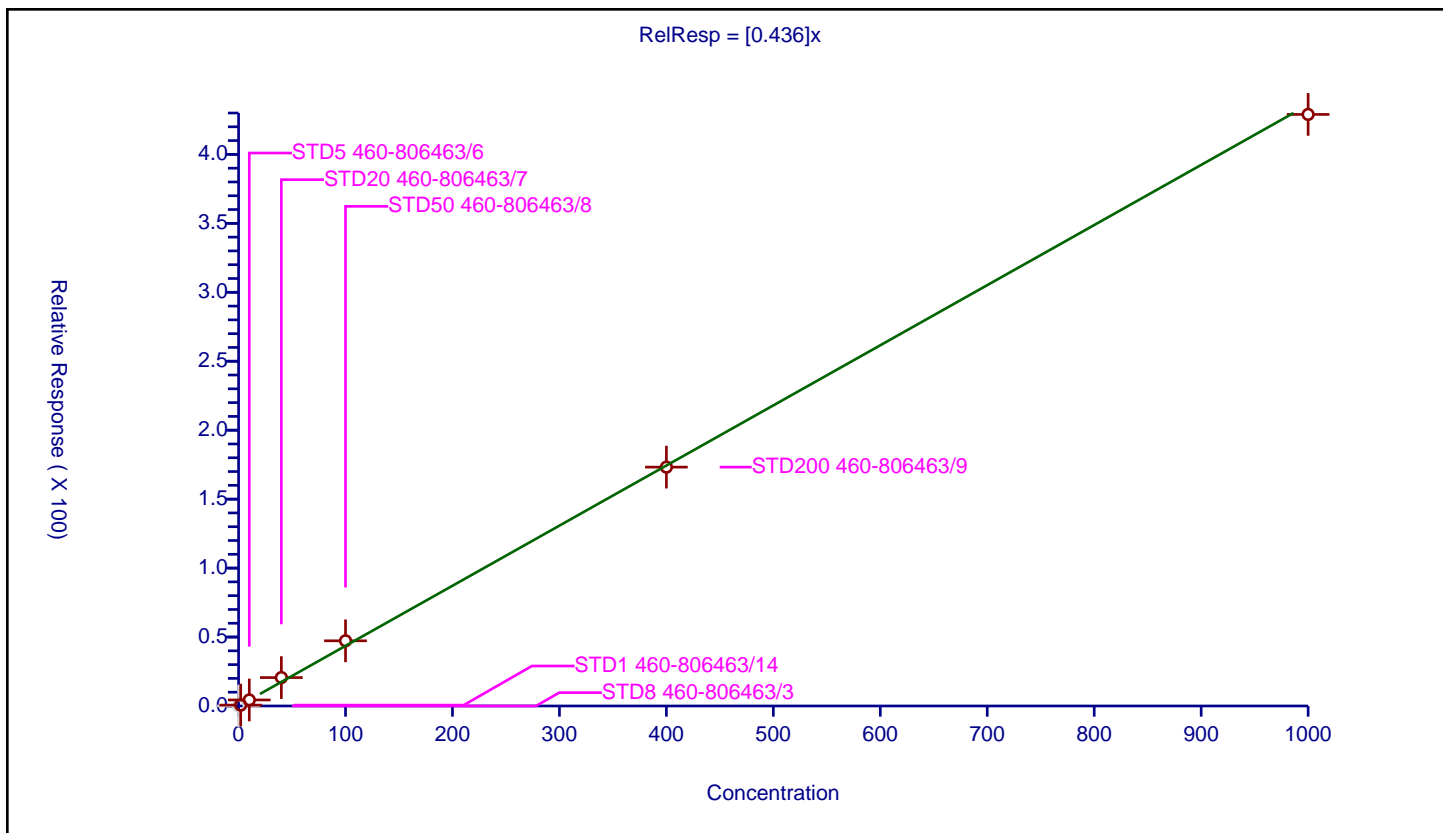
## Curve Coefficients

Intercept: 0  
 Slope: 0.436

## Error Coefficients

Standard Error: 316000  
 Relative Standard Error: 14.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	2.0	0.656995	250.0	423519.0	0.328498	Y
3	STD5 460-806463/6	10.0	4.372705	250.0	346639.0	0.43727	Y
4	STD20 460-806463/7	40.0	20.61154	250.0	332047.0	0.515288	Y
5	STD50 460-806463/8	100.0	47.267823	250.0	381454.0	0.472678	Y
6	STD200 460-806463/9	400.0	173.213744	250.0	336346.0	0.433034	Y
7	STD500 460-806463/10	1000.0	428.973374	250.0	386246.0	0.428973	Y



# Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

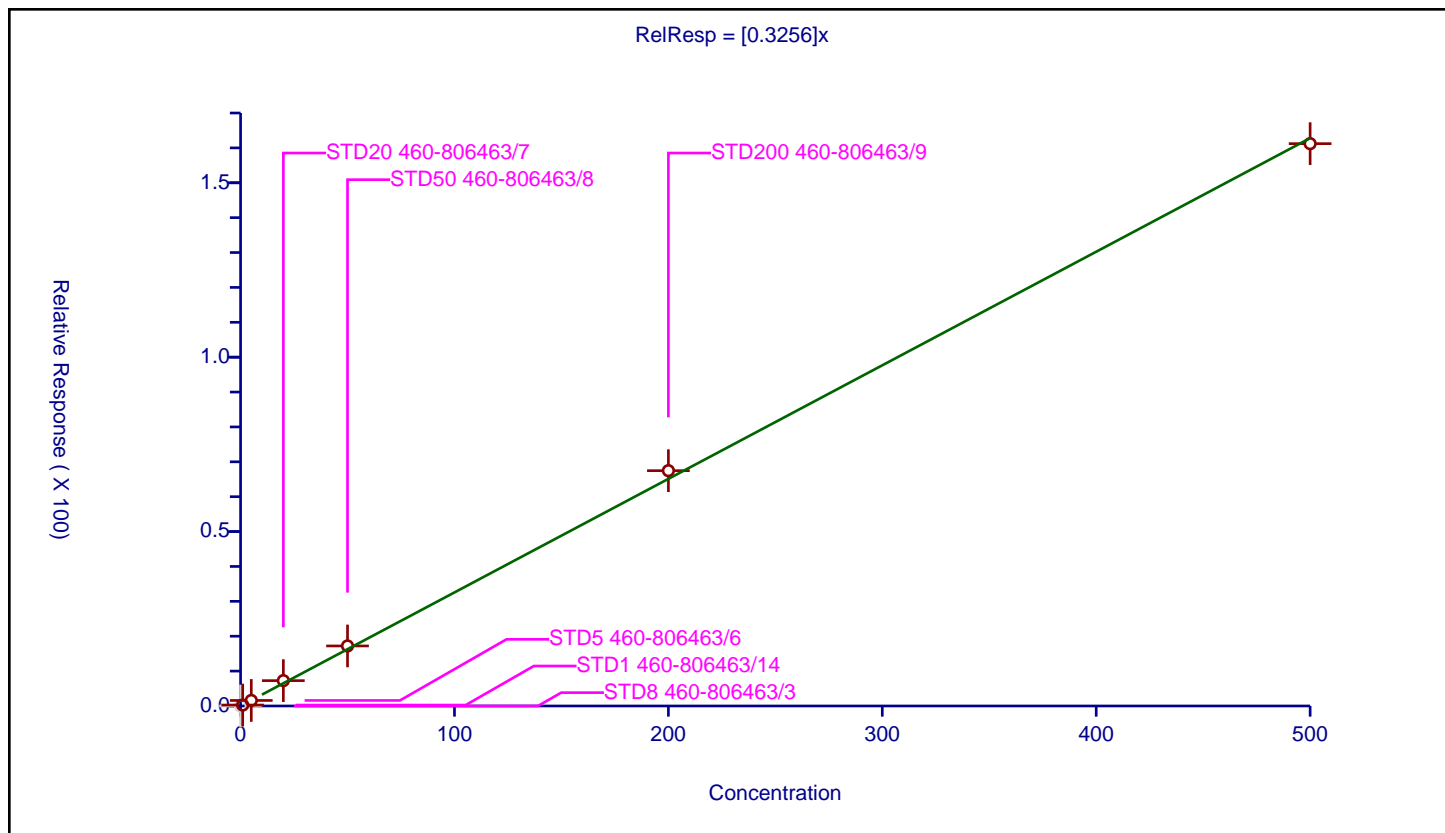
## Curve Coefficients

Intercept: 0  
 Slope: 0.3256

## Error Coefficients

Standard Error: 656000  
 Relative Standard Error: 9.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.268604	50.0	536478.0	0.268604	Y
3	STD5 460-806463/6	5.0	1.587401	50.0	453540.0	0.31748	Y
4	STD20 460-806463/7	20.0	7.267321	50.0	426801.0	0.363366	Y
5	STD50 460-806463/8	50.0	17.2121	50.0	457129.0	0.344242	Y
6	STD200 460-806463/9	200.0	67.465837	50.0	389383.0	0.337329	Y
7	STD500 460-806463/10	500.0	161.214979	50.0	421423.0	0.32243	Y





# Calibration

/ Tert-butyl ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

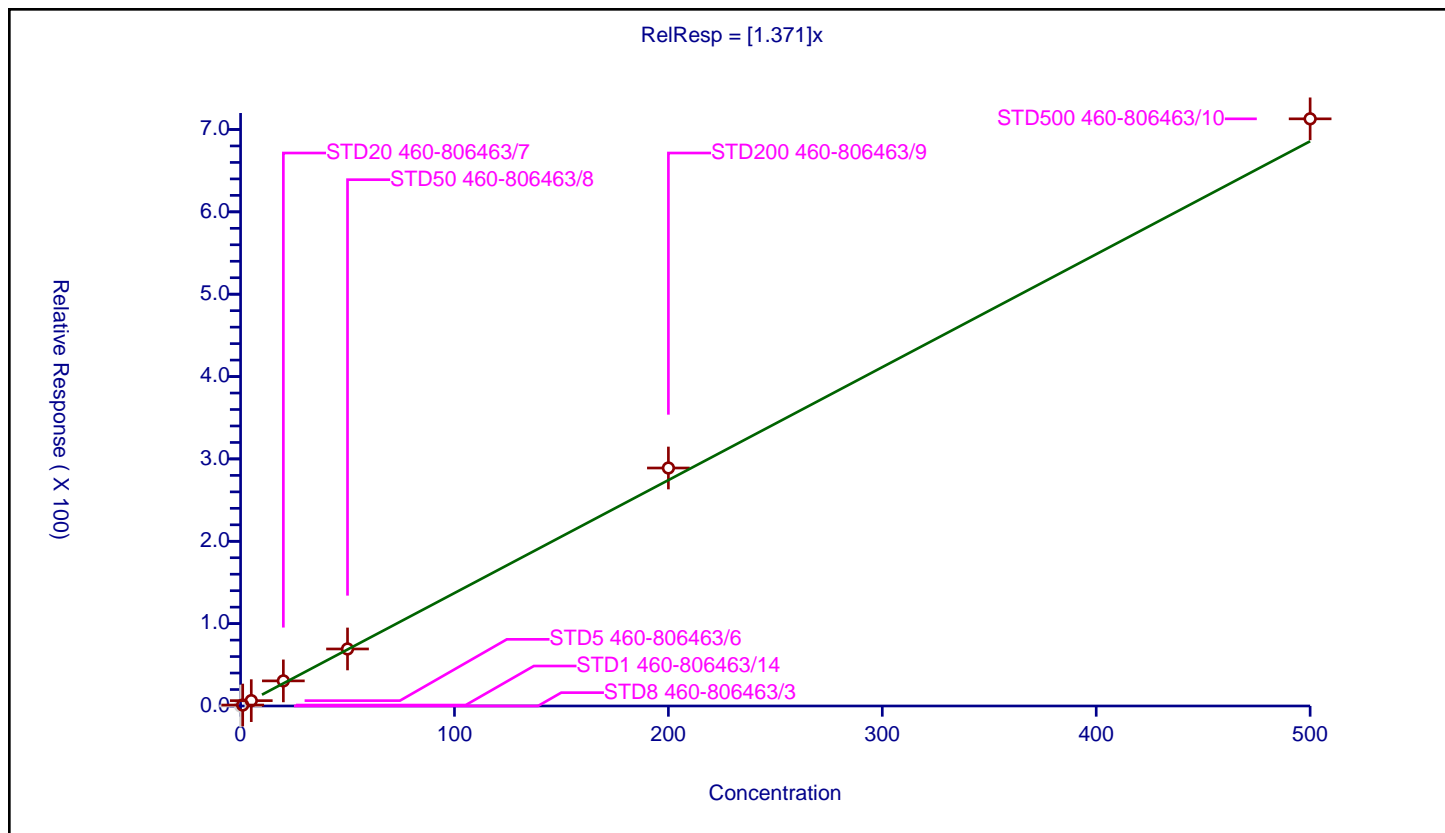
## Curve Coefficients

Intercept: 0  
 Slope: 1.371

## Error Coefficients

Standard Error: 2890000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	1.149721	50.0	536478.0	1.149721	Y
3	STD5 460-806463/6	5.0	6.493694	50.0	453540.0	1.298739	Y
4	STD20 460-806463/7	20.0	30.485285	50.0	426801.0	1.524264	Y
5	STD50 460-806463/8	50.0	69.245115	50.0	457129.0	1.384902	Y
6	STD200 460-806463/9	200.0	288.979231	50.0	389383.0	1.444896	Y
7	STD500 460-806463/10	500.0	712.935222	50.0	421423.0	1.42587	Y



# Calibration

/ 2,2-Dichloropropane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

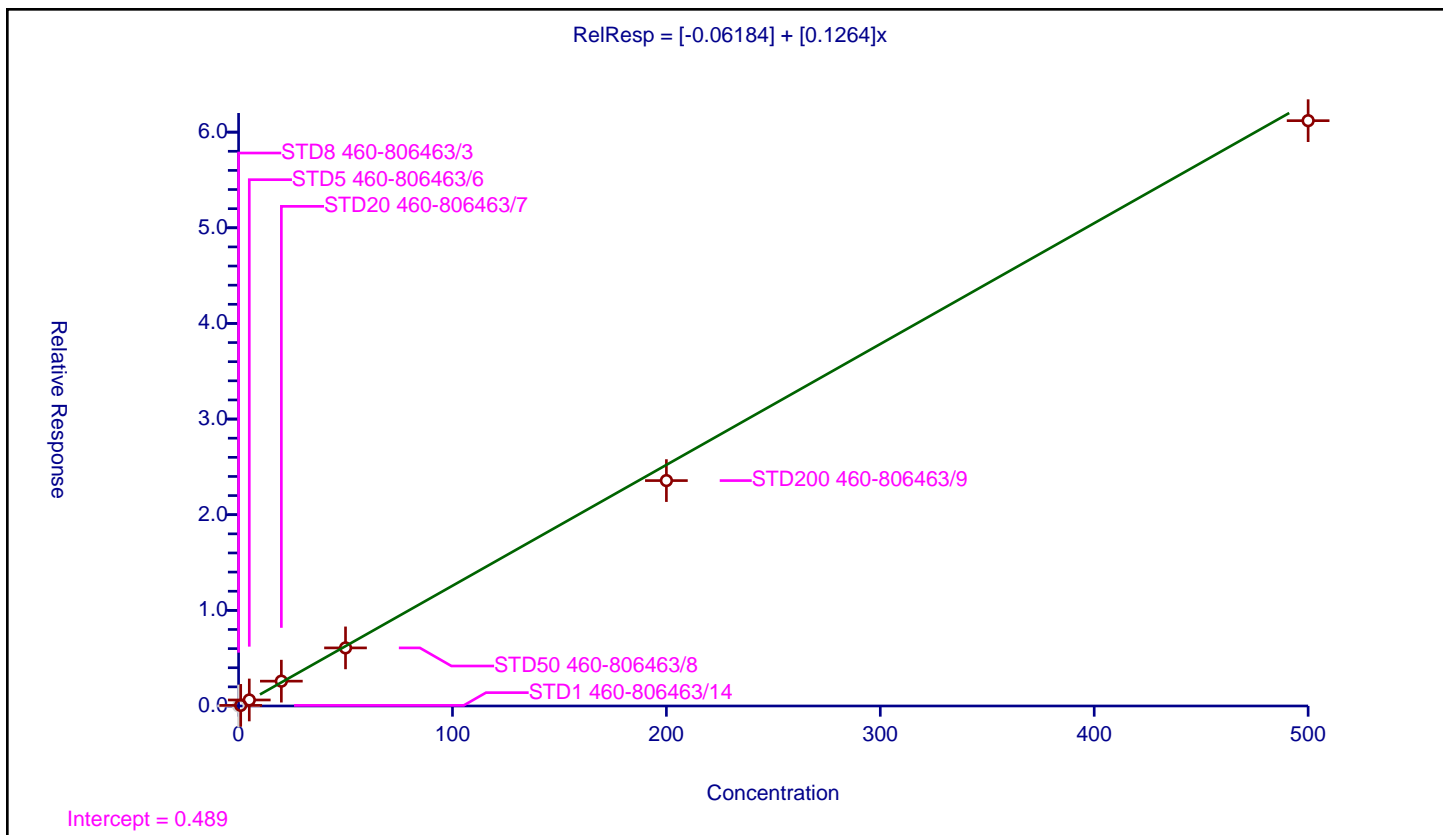
## Curve Coefficients

Intercept: -0.06184  
 Slope: 0.1264

## Error Coefficients

Standard Error: 275000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.061978	50.0	536478.0	0.061978	Y
3	STD5 460-806463/6	5.0	0.62828	50.0	453540.0	0.125656	Y
4	STD20 460-806463/7	20.0	2.596409	50.0	426801.0	0.12982	Y
5	STD50 460-806463/8	50.0	6.073559	50.0	457129.0	0.121471	Y
6	STD200 460-806463/9	200.0	23.568697	50.0	389383.0	0.117843	Y
7	STD500 460-806463/10	500.0	61.199911	50.0	421423.0	0.1224	Y



# Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

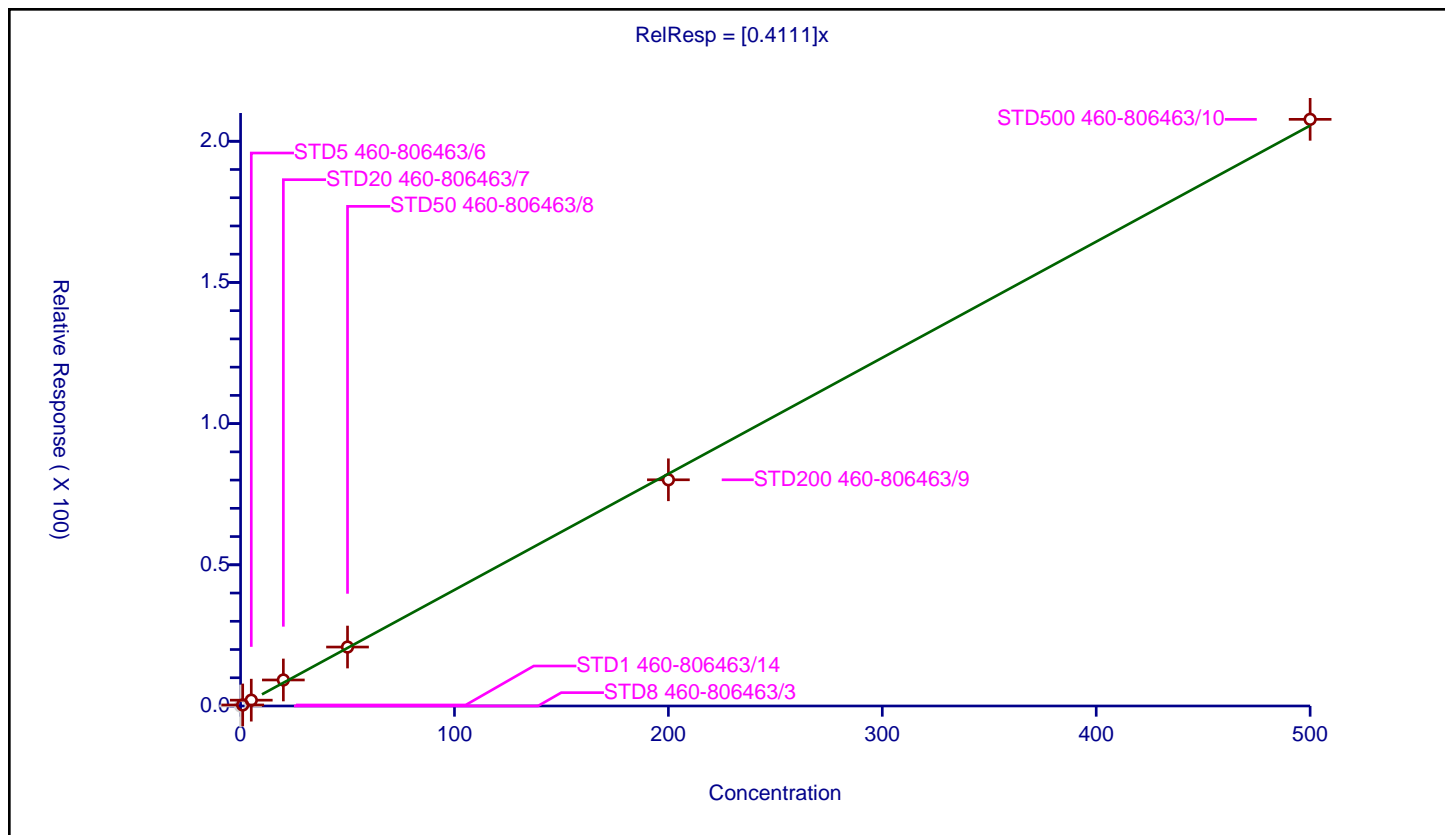
## Curve Coefficients

Intercept: 0  
 Slope: 0.4111

## Error Coefficients

Standard Error: 836000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.359567	50.0	536478.0	0.359567	Y
3	STD5 460-806463/6	5.0	2.062773	50.0	453540.0	0.412555	Y
4	STD20 460-806463/7	20.0	9.215653	50.0	426801.0	0.460783	Y
5	STD50 460-806463/8	50.0	20.878023	50.0	457129.0	0.41756	Y
6	STD200 460-806463/9	200.0	80.106348	50.0	389383.0	0.400532	Y
7	STD500 460-806463/10	500.0	207.760848	50.0	421423.0	0.415522	Y



## Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

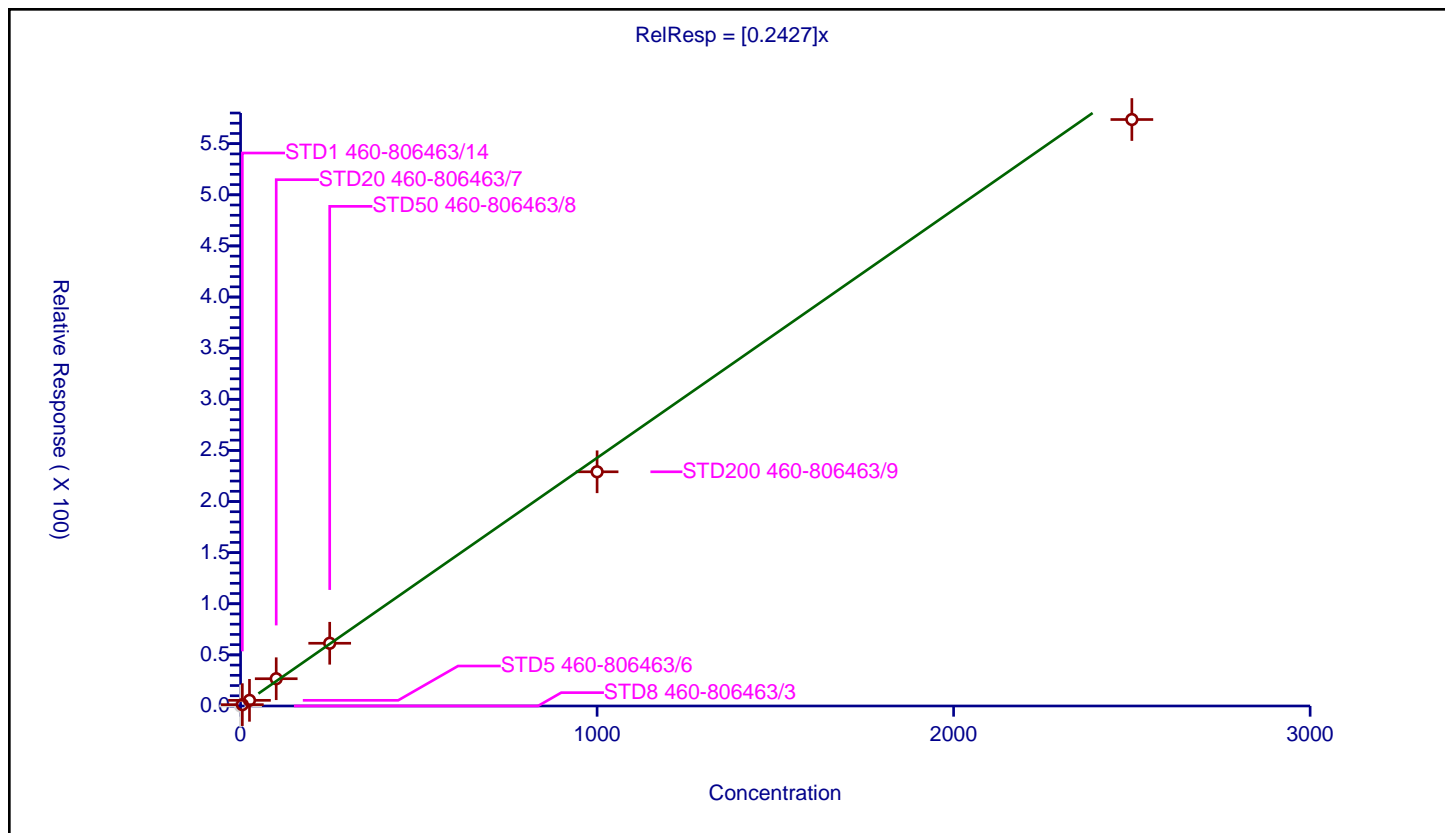
### Curve Coefficients

Intercept: 0  
 Slope: 0.2427

### Error Coefficients

Standard Error: 422000  
 Relative Standard Error: 7.8  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	5.0	1.316942	250.0	423519.0	0.263388	Y
3	STD5 460-806463/6	25.0	5.551885	250.0	346639.0	0.222075	Y
4	STD20 460-806463/7	100.0	26.672429	250.0	332047.0	0.266724	Y
5	STD50 460-806463/8	250.0	61.348157	250.0	381454.0	0.245393	Y
6	STD200 460-806463/9	1000.0	229.065456	250.0	336346.0	0.229065	Y
7	STD500 460-806463/10	2500.0	573.633125	250.0	386246.0	0.229453	Y



# Calibration

/ Ethyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

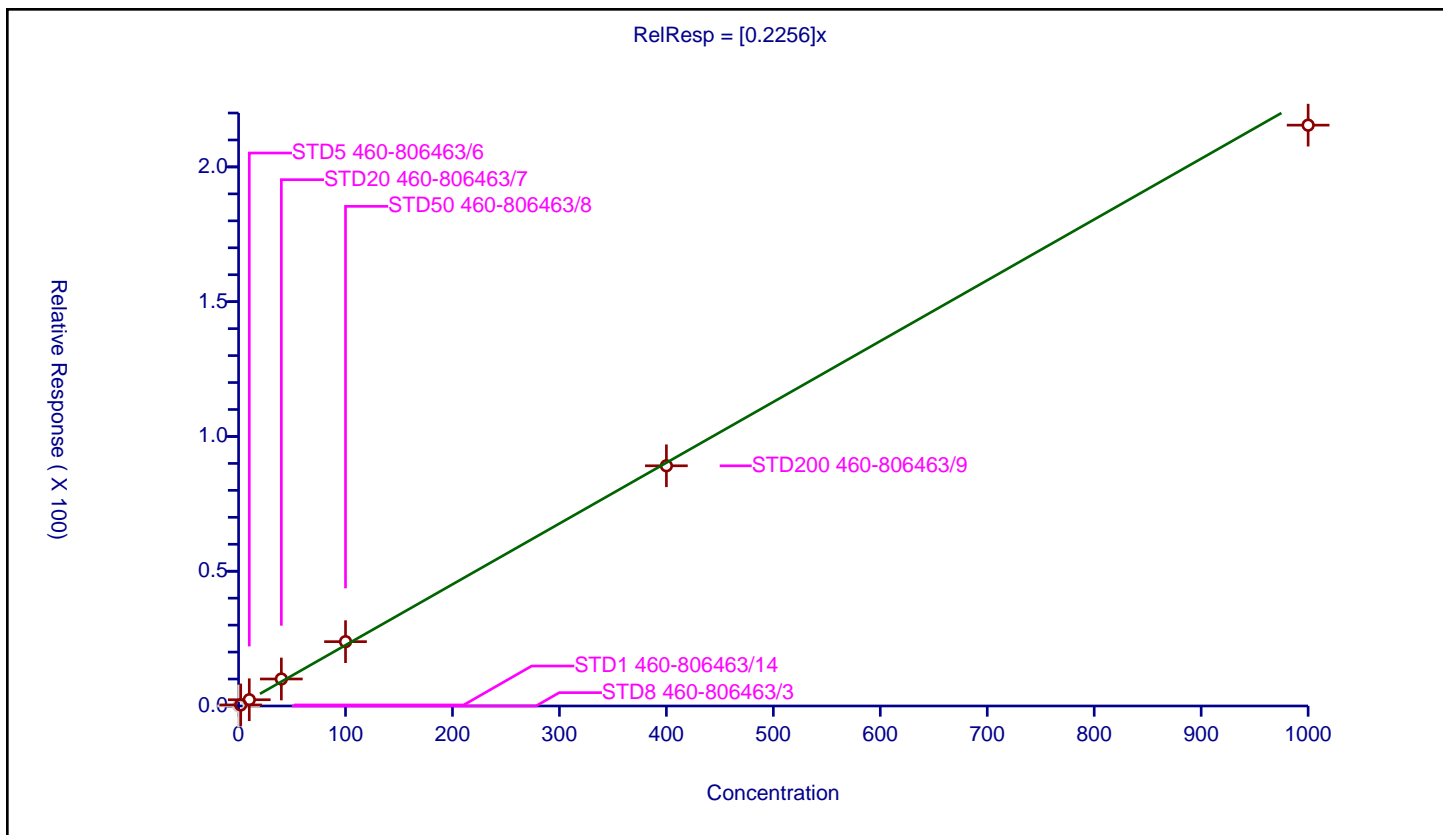
## Curve Coefficients

Intercept: 0  
 Slope: 0.2256

## Error Coefficients

Standard Error: 159000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	2.0	0.389003	250.0	423519.0	0.194501	Y
3	STD5 460-806463/6	10.0	2.319416	250.0	346639.0	0.231942	Y
4	STD20 460-806463/7	40.0	10.015901	250.0	332047.0	0.250398	Y
5	STD50 460-806463/8	100.0	23.864608	250.0	381454.0	0.238646	Y
6	STD200 460-806463/9	400.0	89.116564	250.0	336346.0	0.222791	Y
7	STD500 460-806463/10	1000.0	215.494141	250.0	386246.0	0.215494	Y



# Calibration

/ Methyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

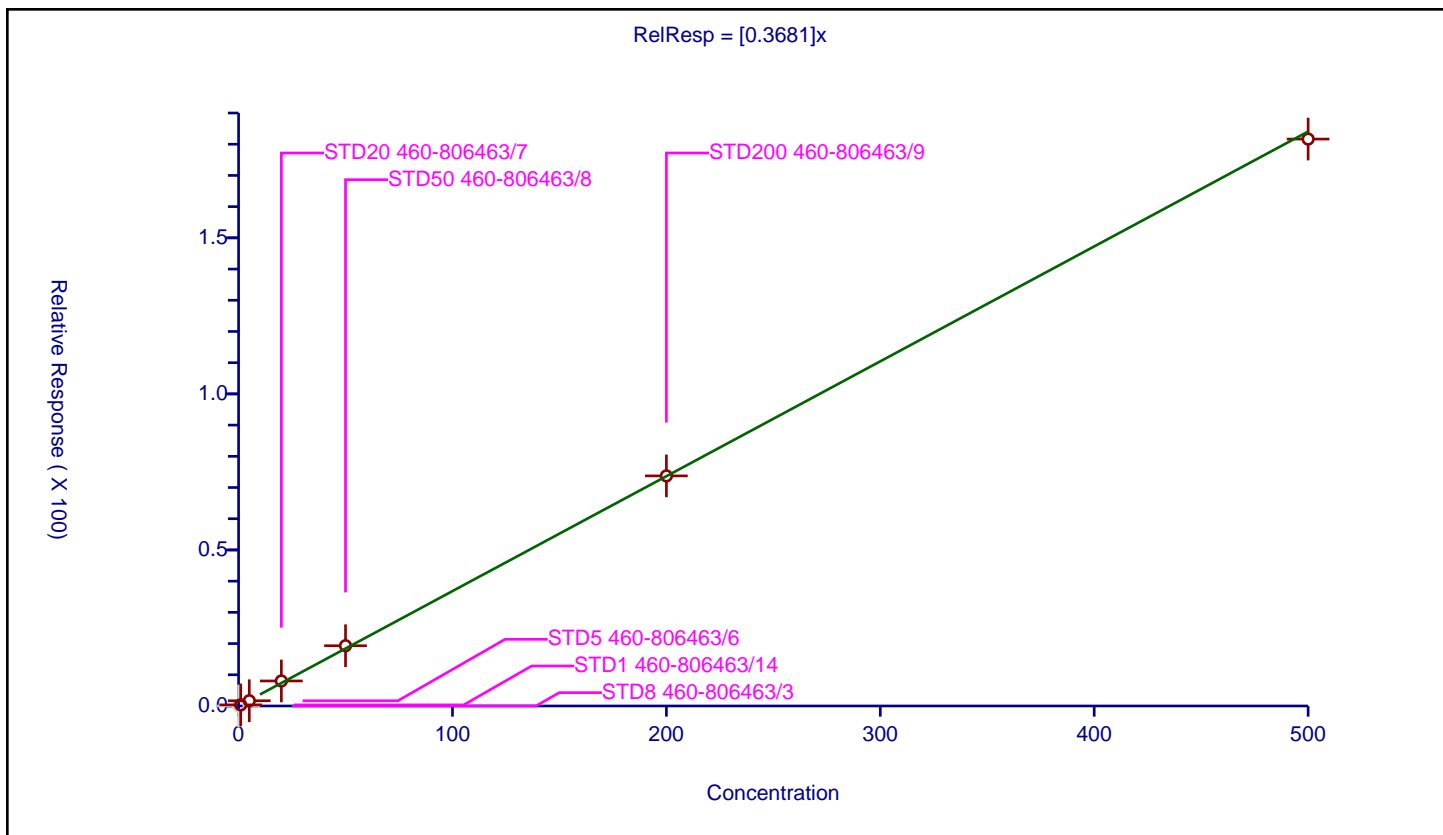
## Curve Coefficients

Intercept: 0  
 Slope: 0.3681

## Error Coefficients

Standard Error: 736000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.35323	50.0	536478.0	0.35323	Y
3	STD5 460-806463/6	5.0	1.682101	50.0	453540.0	0.33642	Y
4	STD20 460-806463/7	20.0	8.022123	50.0	426801.0	0.401106	Y
5	STD50 460-806463/8	50.0	19.302429	50.0	457129.0	0.386049	Y
6	STD200 460-806463/9	200.0	73.727025	50.0	389383.0	0.368635	Y
7	STD500 460-806463/10	500.0	181.652402	50.0	421423.0	0.363305	Y



# Calibration

/ Propionitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

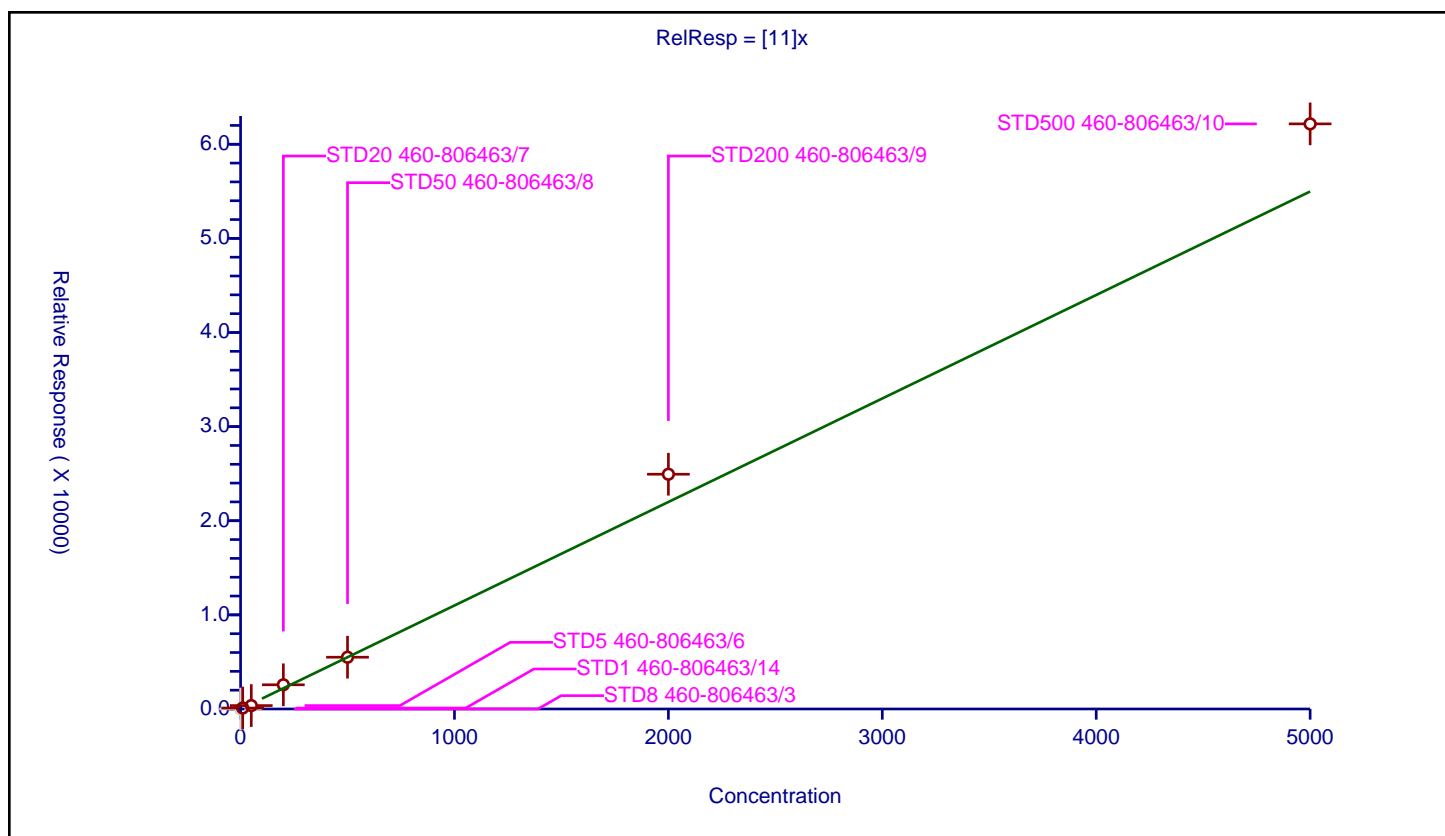
## Curve Coefficients

Intercept: 0  
 Slope: 11

## Error Coefficients

Standard Error: 1280000  
 Relative Standard Error: 19.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	1000.0	44878.0	NaN	N
2	STD1 460-806463/14	10.0	99.68106	1000.0	40760.0	9.968106	Y
3	STD5 460-806463/6	50.0	362.183691	1000.0	41929.0	7.243674	Y
4	STD20 460-806463/7	200.0	2572.386764	1000.0	38018.0	12.861934	Y
5	STD50 460-806463/8	500.0	5499.289185	1000.0	47129.0	10.998578	Y
6	STD200 460-806463/9	2000.0	24940.70074	1000.0	39073.0	12.47035	Y
7	STD500 460-806463/10	5000.0	62163.021869	1000.0	44264.0	12.432604	Y



# Calibration

/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

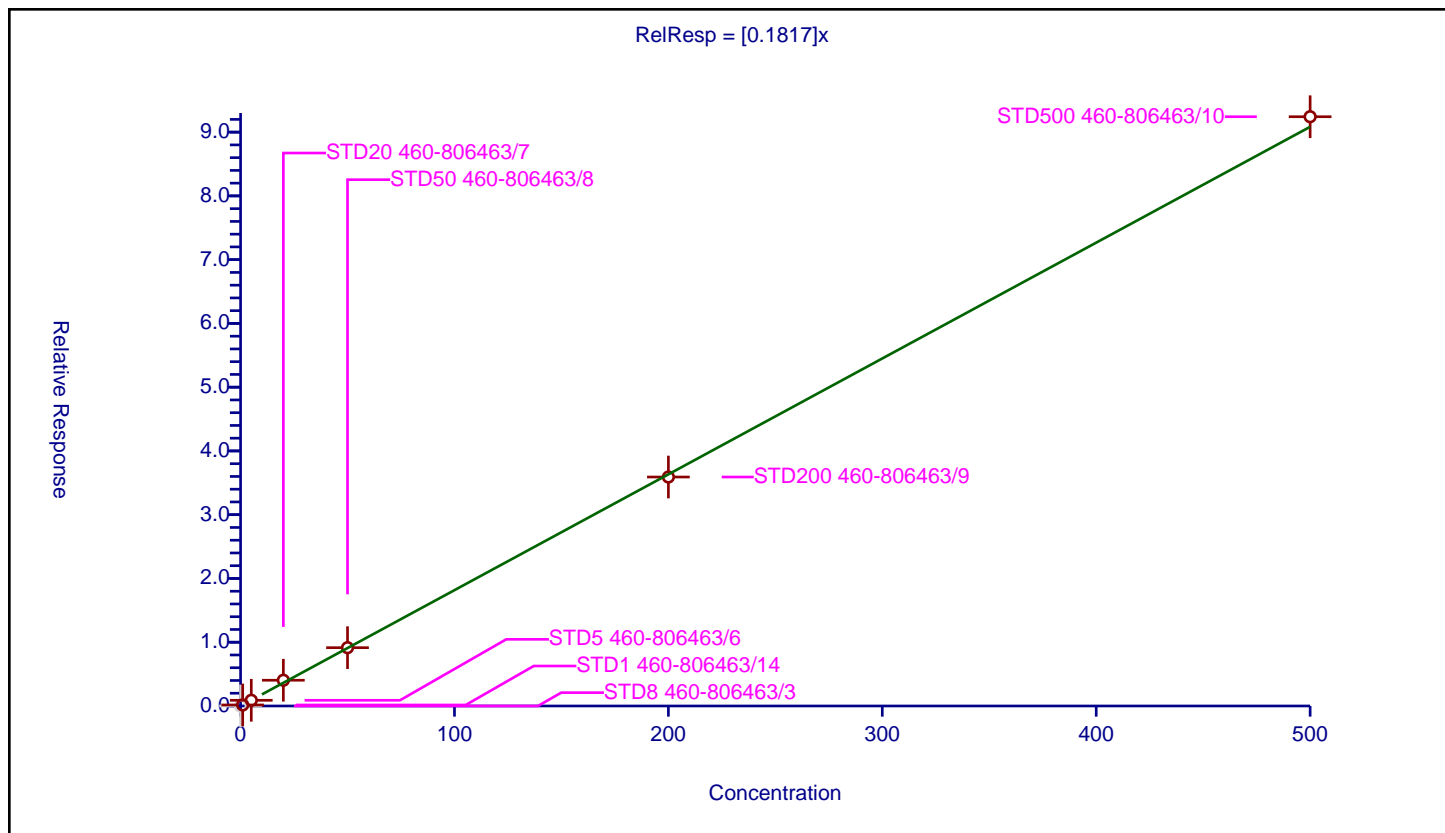
## Curve Coefficients

Intercept: 0  
 Slope: 0.1817

## Error Coefficients

Standard Error: 372000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.162076	50.0	536478.0	0.162076	Y
3	STD5 460-806463/6	5.0	0.893637	50.0	453540.0	0.178727	Y
4	STD20 460-806463/7	20.0	4.039353	50.0	426801.0	0.201968	Y
5	STD50 460-806463/8	50.0	9.143043	50.0	457129.0	0.182861	Y
6	STD200 460-806463/9	200.0	35.911686	50.0	389383.0	0.179558	Y
7	STD500 460-806463/10	500.0	92.417001	50.0	421423.0	0.184834	Y





# Calibration

/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

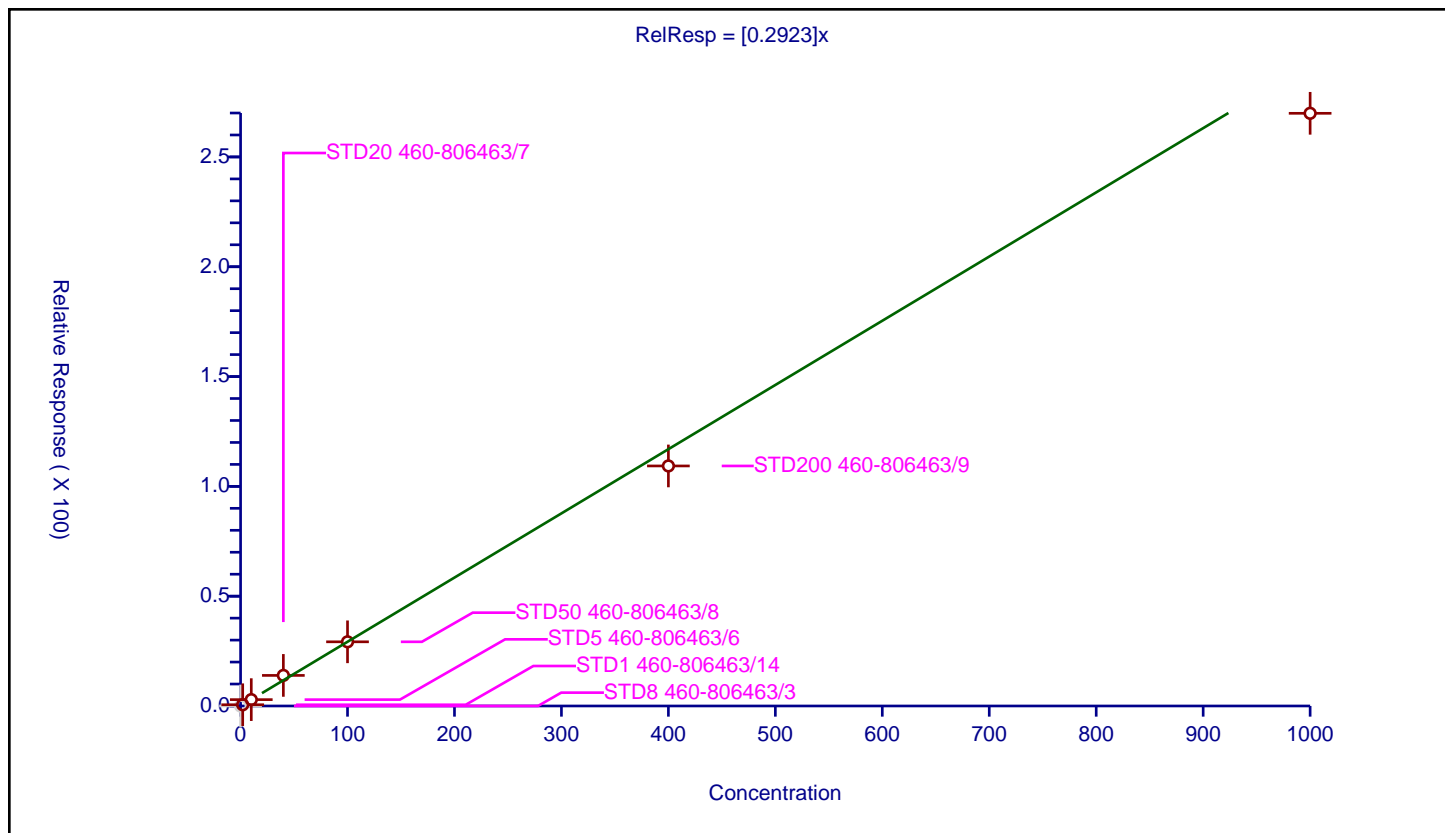
## Curve Coefficients

Intercept: 0  
 Slope: 0.2923

## Error Coefficients

Standard Error: 199000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	2.0	0.561958	250.0	423519.0	0.280979	Y
3	STD5 460-806463/6	10.0	2.897106	250.0	346639.0	0.289711	Y
4	STD20 460-806463/7	40.0	13.922728	250.0	332047.0	0.348068	Y
5	STD50 460-806463/8	100.0	29.216498	250.0	381454.0	0.292165	Y
6	STD200 460-806463/9	400.0	109.295933	250.0	336346.0	0.27324	Y
7	STD500 460-806463/10	1000.0	269.866872	250.0	386246.0	0.269867	Y



# Calibration

/ Methacrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

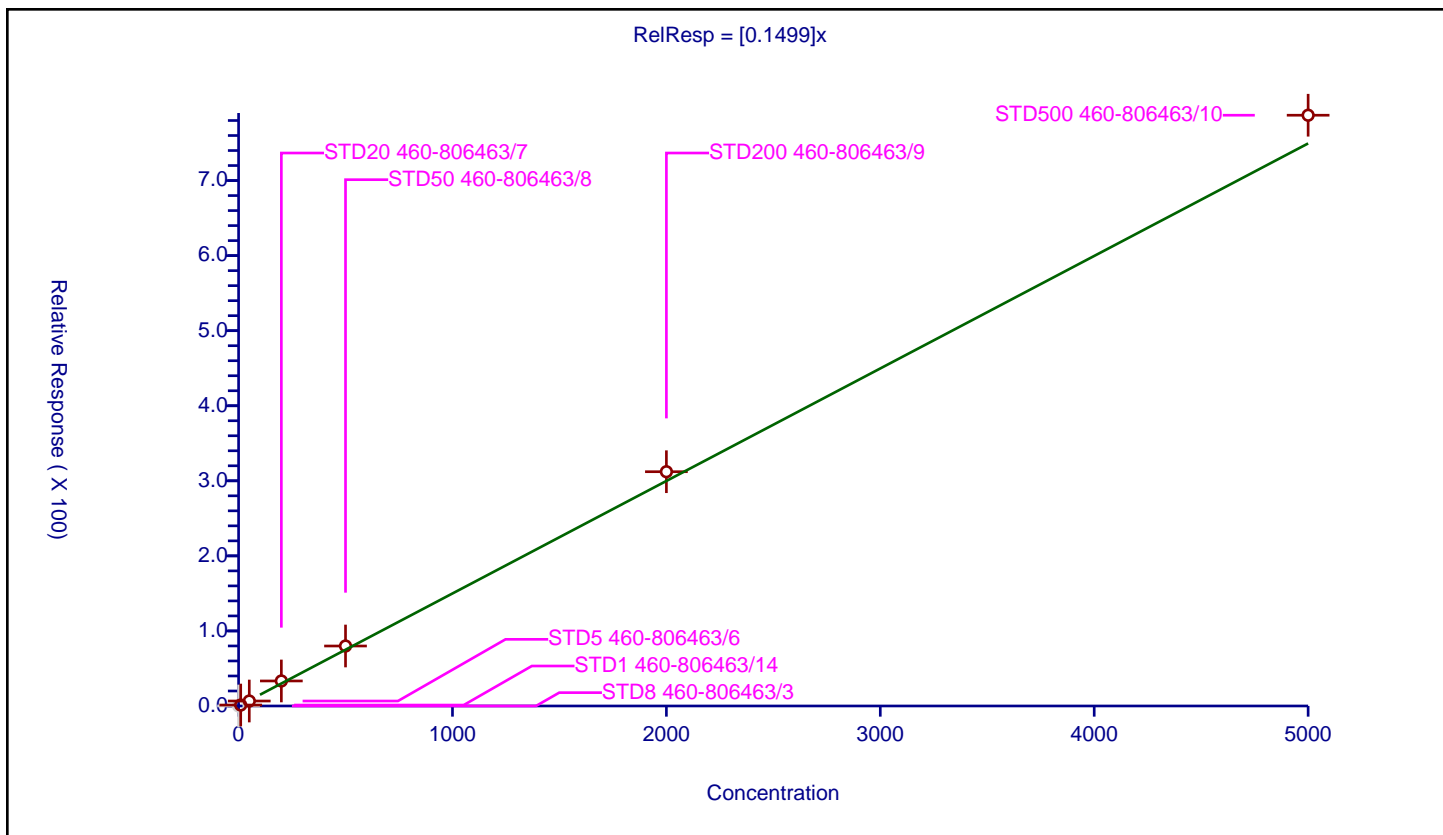
## Curve Coefficients

Intercept: 0  
 Slope: 0.1499

## Error Coefficients

Standard Error: 3180000  
 Relative Standard Error: 10.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	10.0	1.270602	50.0	536478.0	0.12706	Y
3	STD5 460-806463/6	50.0	6.616285	50.0	453540.0	0.132326	Y
4	STD20 460-806463/7	200.0	33.337434	50.0	426801.0	0.166687	Y
5	STD50 460-806463/8	500.0	79.904141	50.0	457129.0	0.159808	Y
6	STD200 460-806463/9	2000.0	312.117504	50.0	389383.0	0.156059	Y
7	STD500 460-806463/10	5000.0	787.051134	50.0	421423.0	0.15741	Y



# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

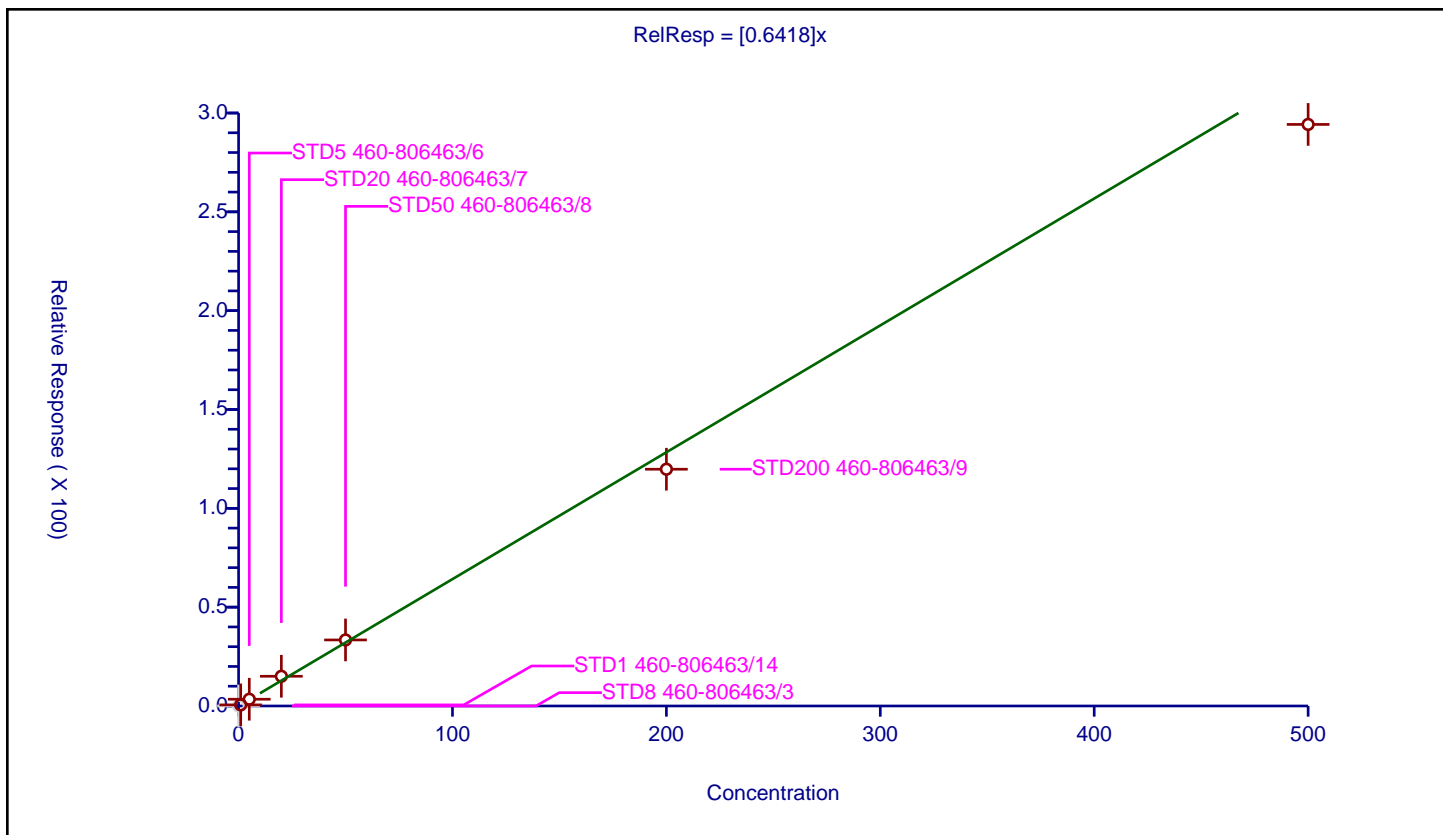
## Curve Coefficients

Intercept: 0  
 Slope: 0.6418

## Error Coefficients

Standard Error: 1190000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.55883	50.0	536478.0	0.55883	Y
3	STD5 460-806463/6	5.0	3.424285	50.0	453540.0	0.684857	Y
4	STD20 460-806463/7	20.0	15.033939	50.0	426801.0	0.751697	Y
5	STD50 460-806463/8	50.0	33.408075	50.0	457129.0	0.668162	Y
6	STD200 460-806463/9	200.0	119.782579	50.0	389383.0	0.598913	Y
7	STD500 460-806463/10	500.0	294.225636	50.0	421423.0	0.588451	Y



## Calibration

/ Cyclohexane

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

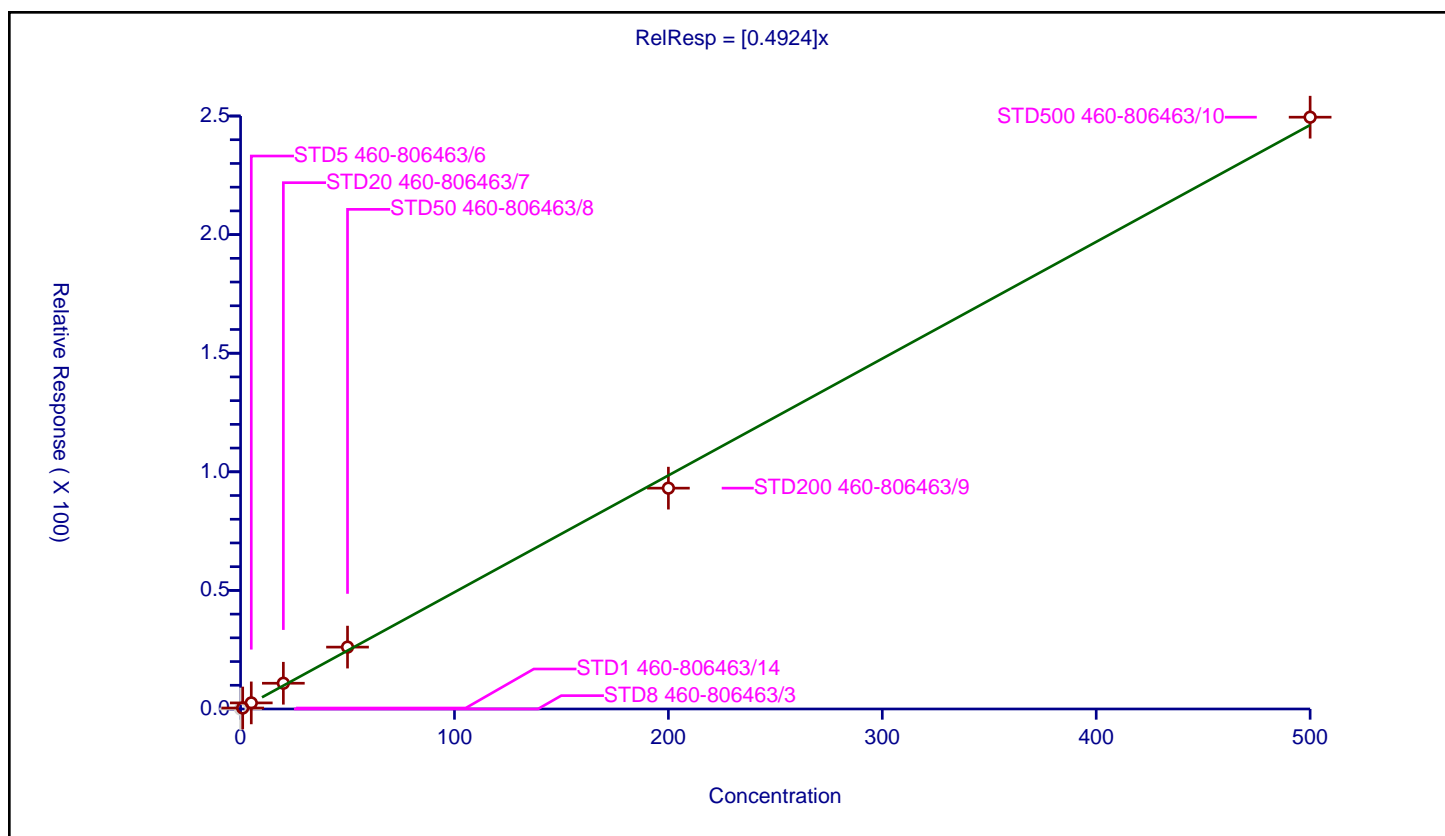
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.4924

## Error Coefficients

**Standard Error:** 1000000  
**Relative Standard Error:** 9.6  
**Correlation Coefficient:** 0.996  
**Coefficient of Determination (Adjusted):** 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.411666	50.0	536478.0	0.411666	Y
3	STD5 460-806463/6	5.0	2.566146	50.0	453540.0	0.513229	Y
4	STD20 460-806463/7	20.0	10.858456	50.0	426801.0	0.542923	Y
5	STD50 460-806463/8	50.0	26.09001	50.0	457129.0	0.5218	Y
6	STD200 460-806463/9	200.0	93.111538	50.0	389383.0	0.465558	Y
7	STD500 460-806463/10	500.0	249.506909	50.0	421423.0	0.499014	Y



# Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

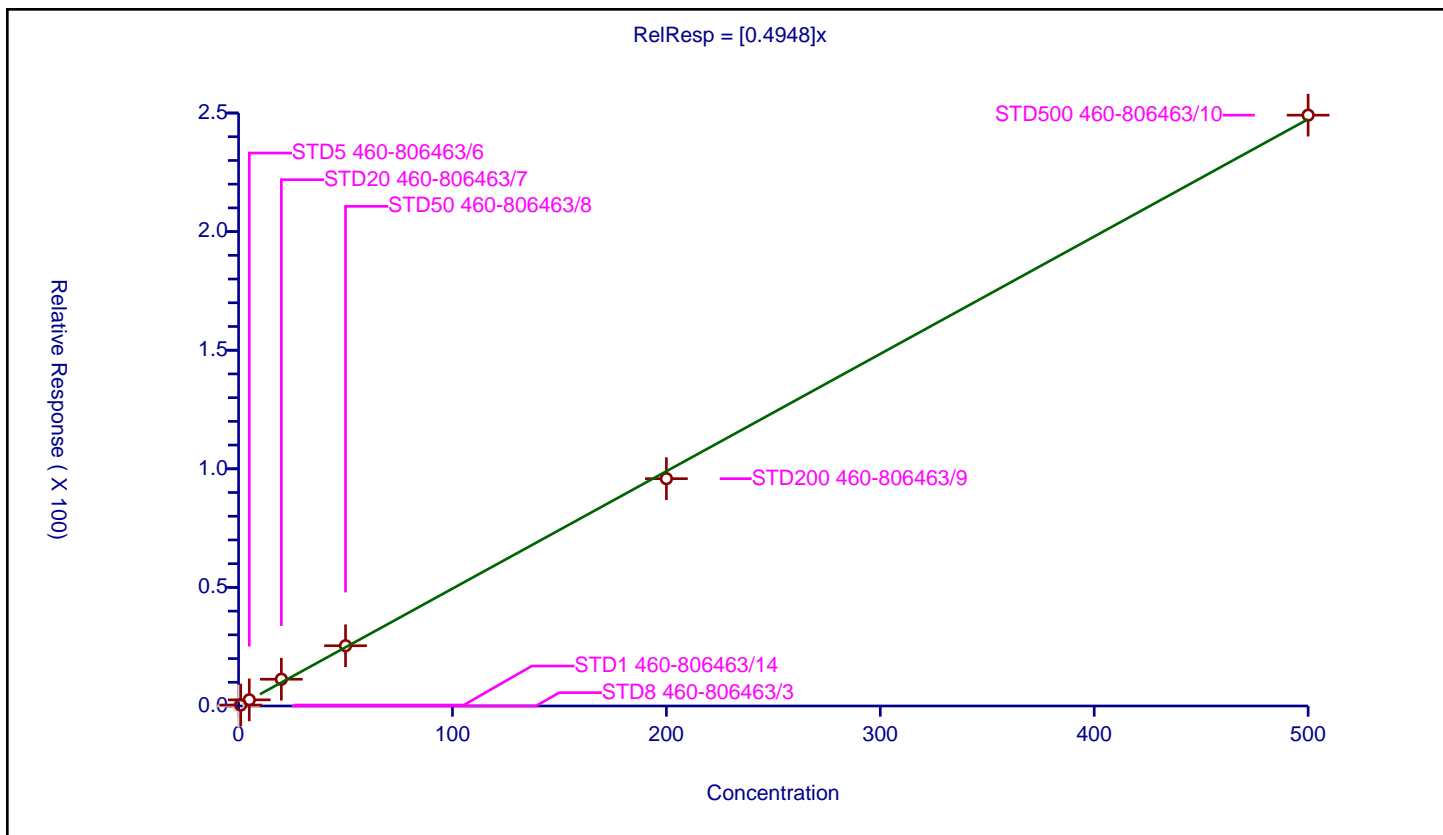
## Curve Coefficients

Intercept: 0  
 Slope: 0.4948

## Error Coefficients

Standard Error: 1000000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.399737	50.0	536478.0	0.399737	Y
3	STD5 460-806463/6	5.0	2.596684	50.0	453540.0	0.519337	Y
4	STD20 460-806463/7	20.0	11.286173	50.0	426801.0	0.564309	Y
5	STD50 460-806463/8	50.0	25.403879	50.0	457129.0	0.508078	Y
6	STD200 460-806463/9	200.0	95.837004	50.0	389383.0	0.479185	Y
7	STD500 460-806463/10	500.0	249.096869	50.0	421423.0	0.498194	Y



# Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

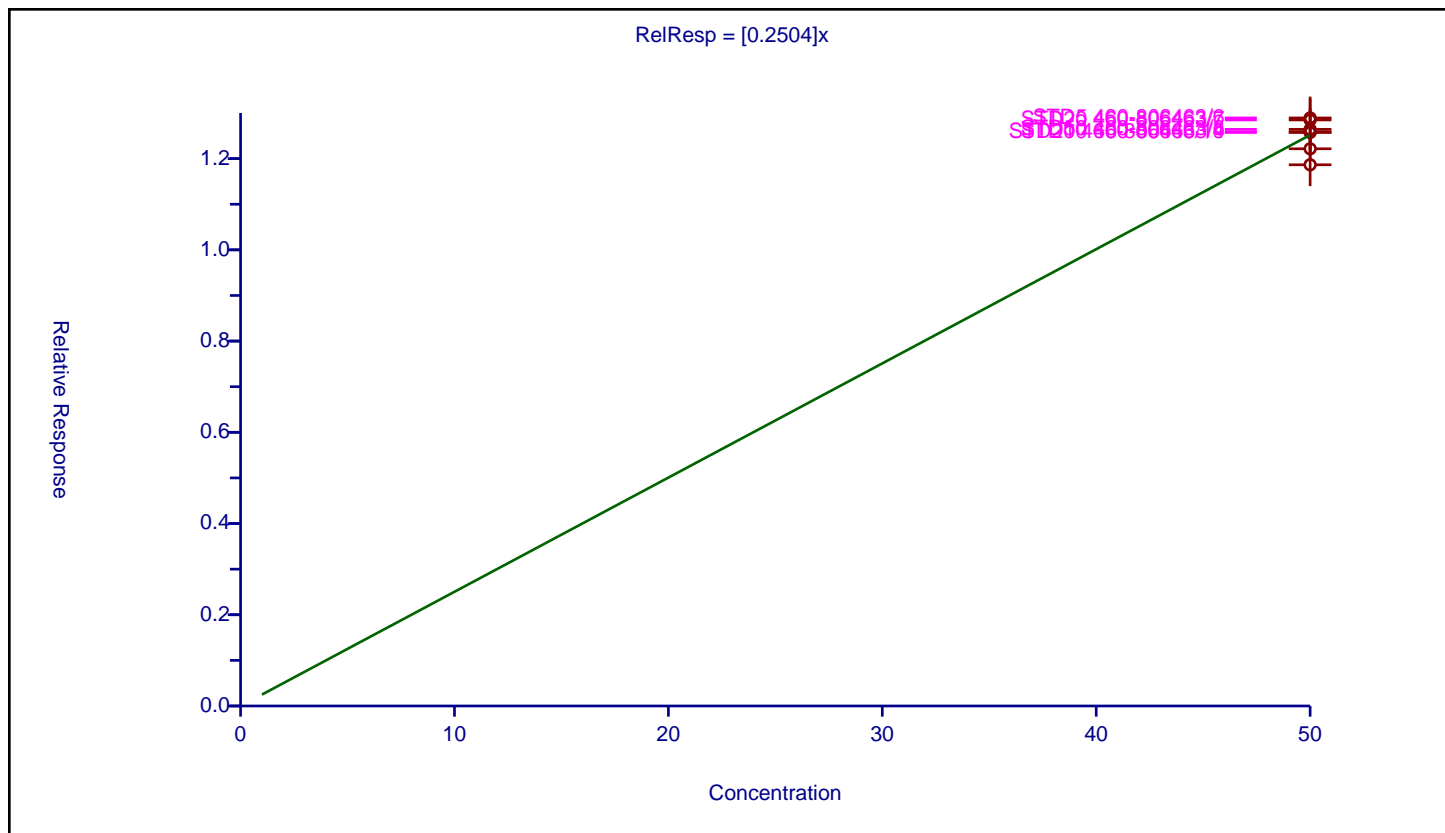
## Curve Coefficients

Intercept: 0  
Slope: 0.2504

## Error Coefficients

Standard Error: 123000  
Relative Standard Error: 2.9  
Correlation Coefficient: 0.00000000000000000000  
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	50.0	12.216146	50.0	485329.0	0.244323	Y
2	STD5 460-806463/6	50.0	12.891917	50.0	453540.0	0.257838	Y
3	STD20 460-806463/7	50.0	12.848142	50.0	426801.0	0.256963	Y
4	STD50 460-806463/8	50.0	12.641508	50.0	457129.0	0.25283	Y
5	STD200 460-806463/9	50.0	12.573353	50.0	389383.0	0.251467	Y
6	STD500 460-806463/10	50.0	11.865513	50.0	421423.0	0.23731	Y
7	STD1 460-806463/14	50.0	12.586723	50.0	536478.0	0.251734	Y



# Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

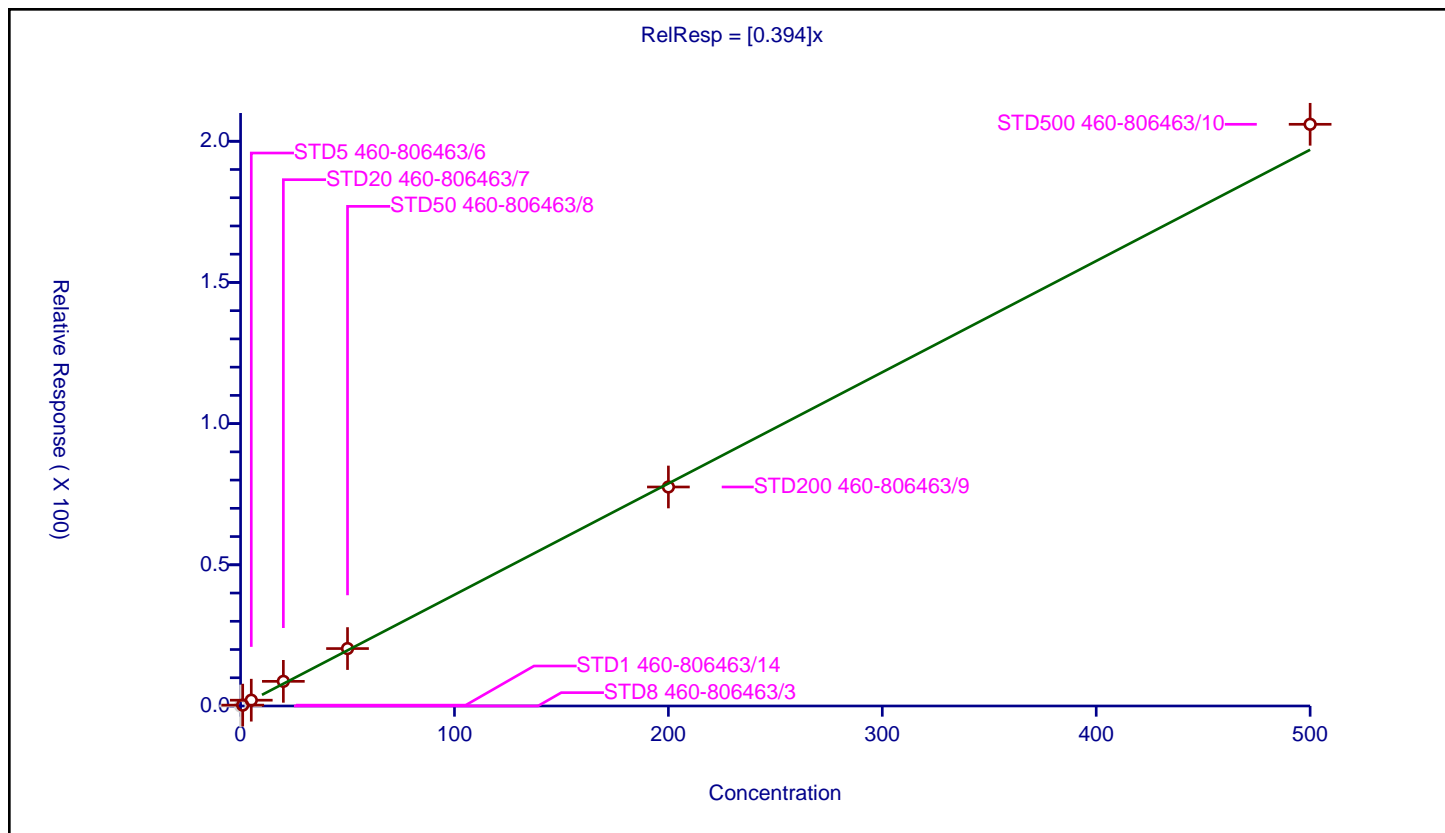
## Curve Coefficients

Intercept: 0  
 Slope: 0.394

## Error Coefficients

Standard Error: 827000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.308866	50.0	536478.0	0.308866	Y
3	STD5 460-806463/6	5.0	2.058363	50.0	453540.0	0.411673	Y
4	STD20 460-806463/7	20.0	8.735219	50.0	426801.0	0.436761	Y
5	STD50 460-806463/8	50.0	20.339773	50.0	457129.0	0.406795	Y
6	STD200 460-806463/9	200.0	77.554105	50.0	389383.0	0.387771	Y
7	STD500 460-806463/10	500.0	206.008808	50.0	421423.0	0.412018	Y



# Calibration

/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

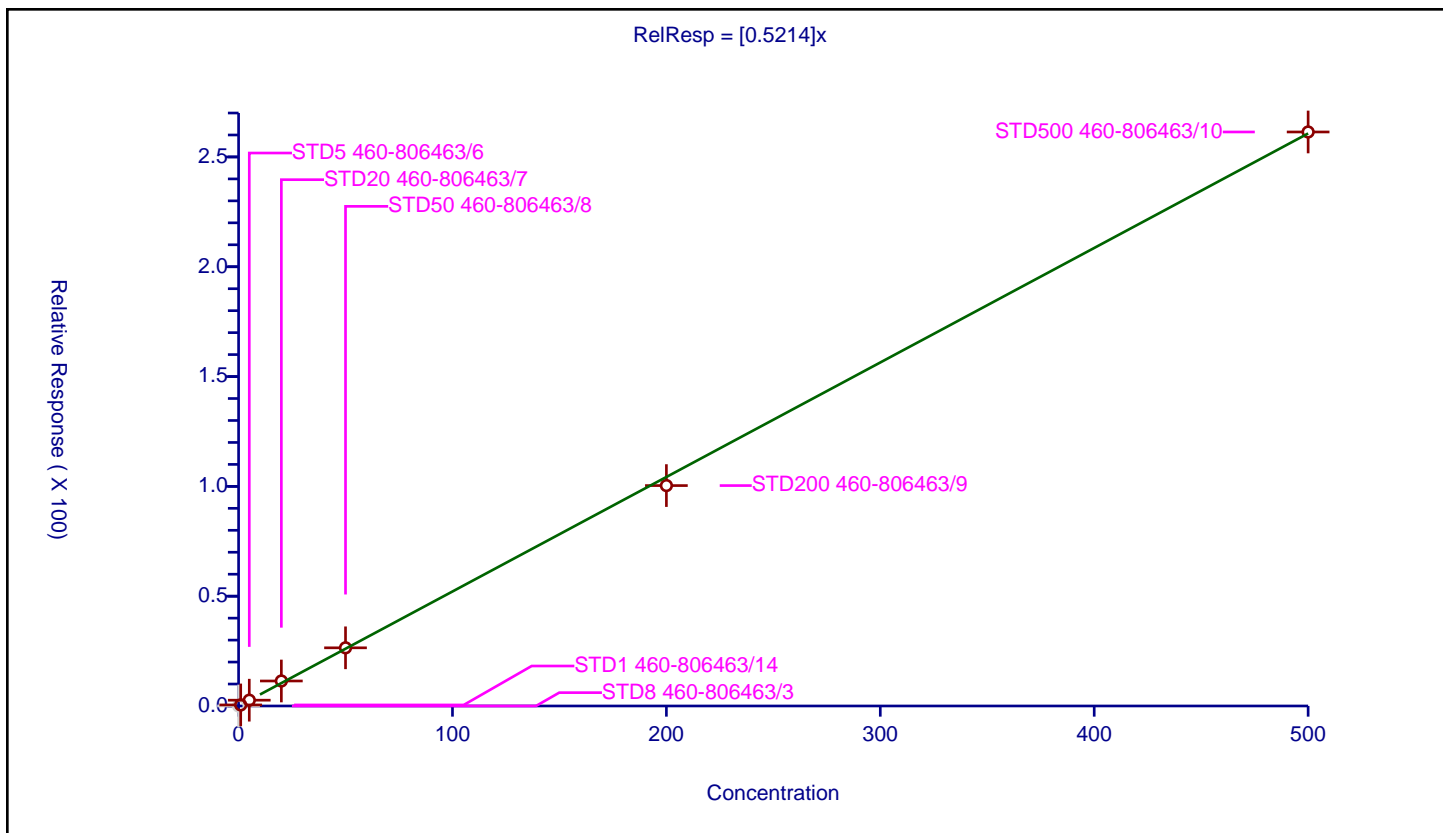
## Curve Coefficients

Intercept: 0  
 Slope: 0.5214

## Error Coefficients

Standard Error: 1050000  
 Relative Standard Error: 6.0  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.475602	50.0	536478.0	0.475602	Y
3	STD5 460-806463/6	5.0	2.645301	50.0	453540.0	0.52906	Y
4	STD20 460-806463/7	20.0	11.387626	50.0	426801.0	0.569381	Y
5	STD50 460-806463/8	50.0	26.483553	50.0	457129.0	0.529671	Y
6	STD200 460-806463/9	200.0	100.363267	50.0	389383.0	0.501816	Y
7	STD500 460-806463/10	500.0	261.362455	50.0	421423.0	0.522725	Y





# Calibration

/ Isobutyl alcohol

Curve Type: Quadratic  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

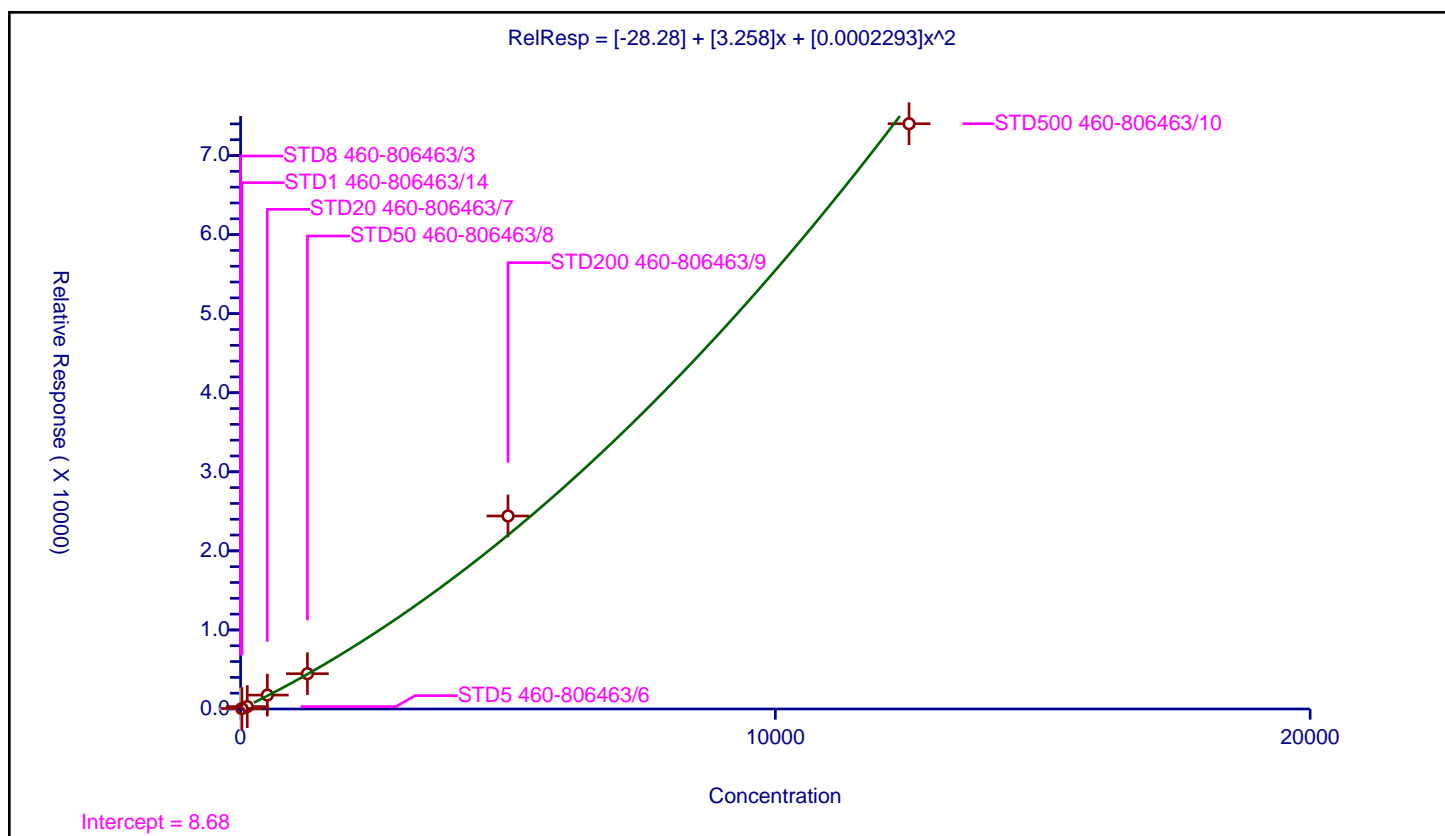
## Curve Coefficients

Intercept: -28.28  
 Slope: 3.258  
 Second Order: 0.0002293

## Error Coefficients

Standard Error: 1930000  
 Relative Standard Error: 13.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	1000.0	44878.0	NaN	N
2	STD1 460-806463/14	25.0	56.2316	1000.0	40760.0	2.249264	Y
3	STD5 460-806463/6	125.0	301.199647	1000.0	41929.0	2.409597	Y
4	STD20 460-806463/7	500.0	1758.772161	1000.0	38018.0	3.517544	Y
5	STD50 460-806463/8	1250.0	4462.963356	1000.0	47129.0	3.570371	Y
6	STD200 460-806463/9	5000.0	24411.127889	1000.0	39073.0	4.882226	Y
7	STD500 460-806463/10	12500.0	74024.286102	1000.0	44264.0	5.921943	Y



# Calibration

/ Isooctane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

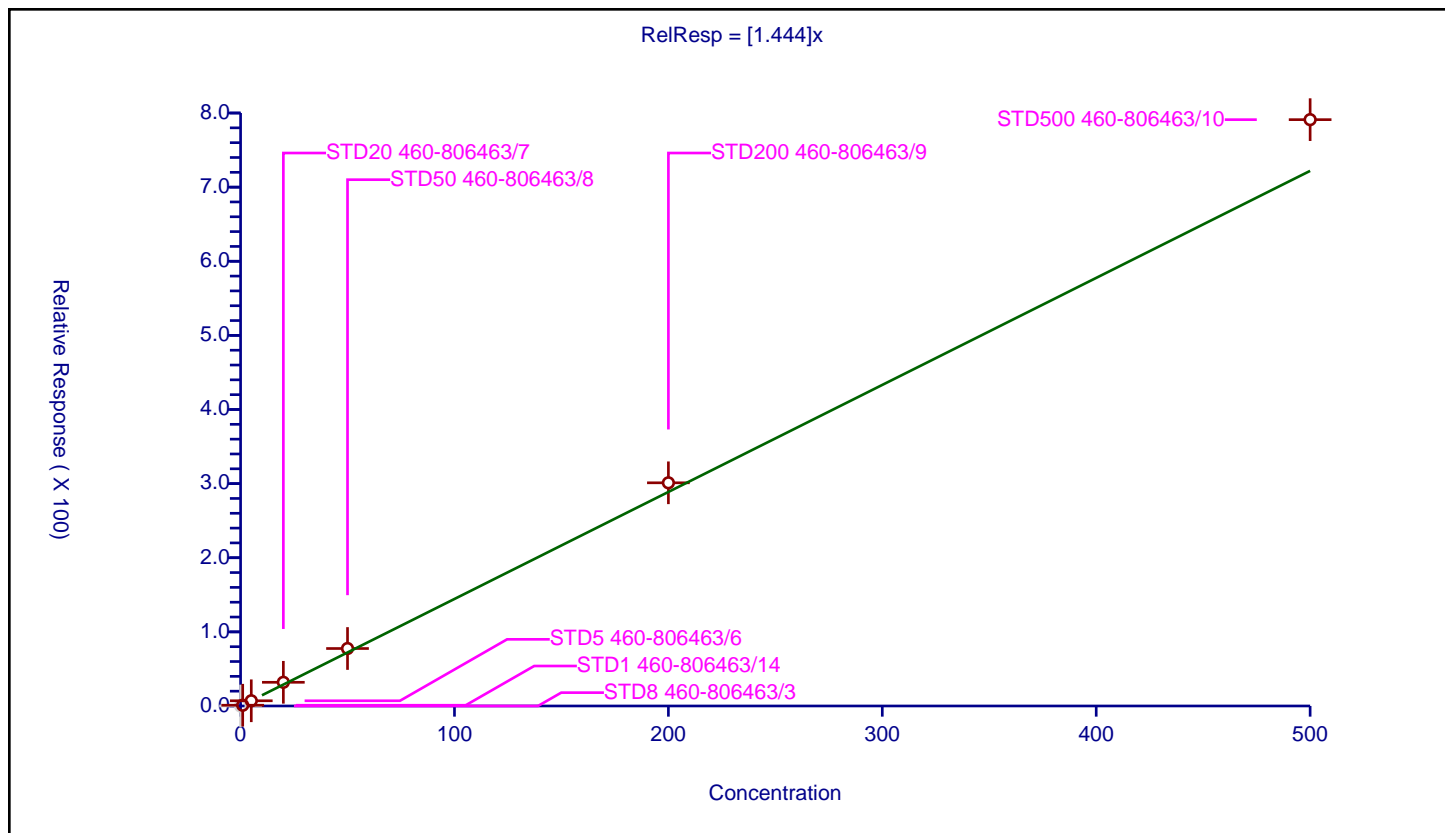
## Curve Coefficients

Intercept: 0  
 Slope: 1.444

## Error Coefficients

Standard Error: 3180000  
 Relative Standard Error: 15.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	1.01924	50.0	536478.0	1.01924	Y
3	STD5 460-806463/6	5.0	7.036094	50.0	453540.0	1.407219	Y
4	STD20 460-806463/7	20.0	31.970872	50.0	426801.0	1.598544	Y
5	STD50 460-806463/8	50.0	77.533038	50.0	457129.0	1.550661	Y
6	STD200 460-806463/9	200.0	301.104183	50.0	389383.0	1.505521	Y
7	STD500 460-806463/10	500.0	791.044271	50.0	421423.0	1.582089	Y



## Calibration

/ Benzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

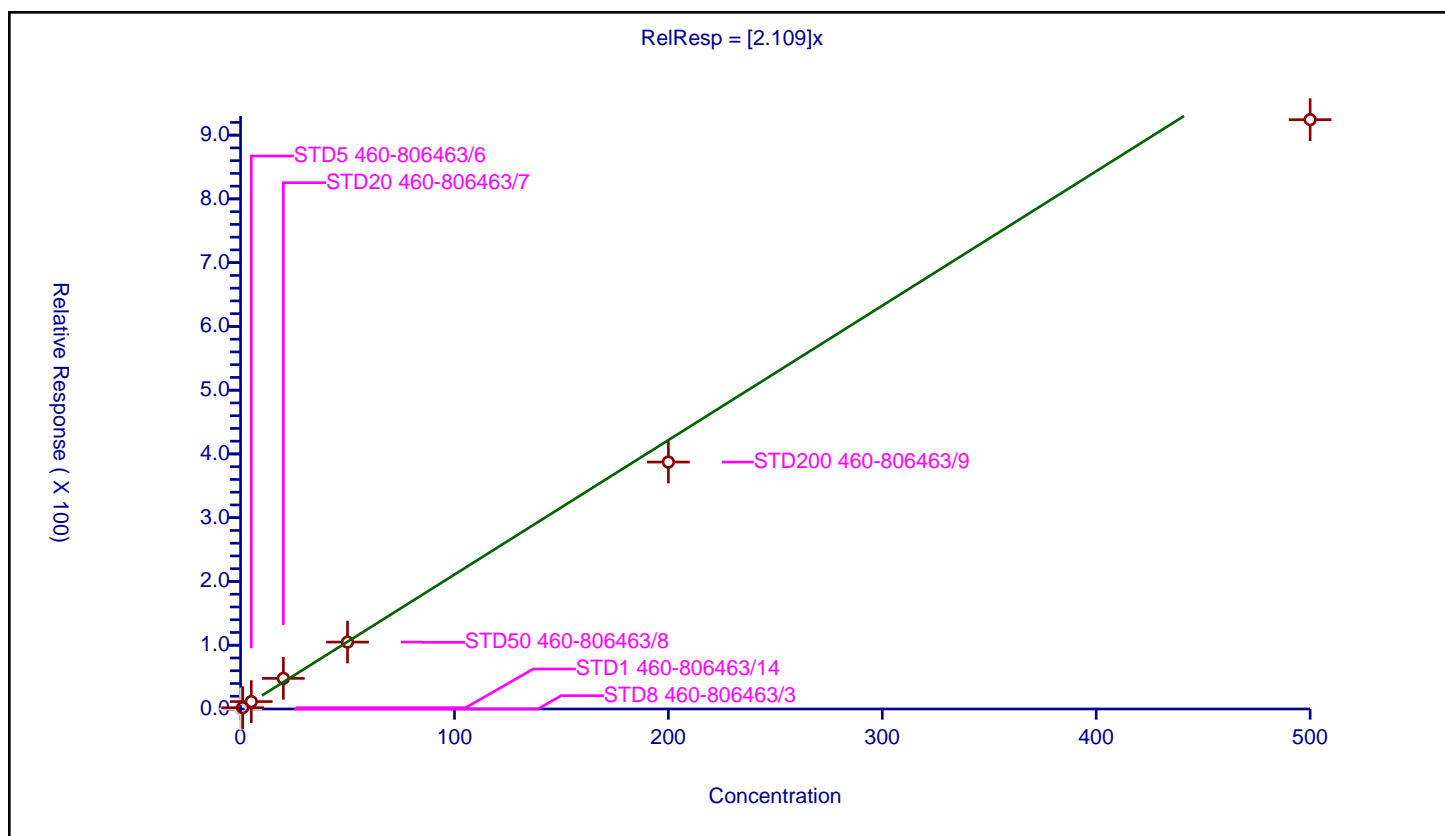
## Curve Coefficients

Intercept: 0  
Slope: 2.109

## Error Coefficients

Standard Error: 3050000  
Relative Standard Error: 10.2  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	2.048479	50.0	368981.0	2.048479	Y
3	STD5 460-806463/6	5.0	11.587394	50.0	305211.0	2.317479	Y
4	STD20 460-806463/7	20.0	48.027044	50.0	302845.0	2.401352	Y
5	STD50 460-806463/8	50.0	104.954588	50.0	338787.0	2.099092	Y
6	STD200 460-806463/9	200.0	387.279504	50.0	295130.0	1.936398	Y
7	STD500 460-806463/10	500.0	924.254798	50.0	344571.0	1.84851	Y



# Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

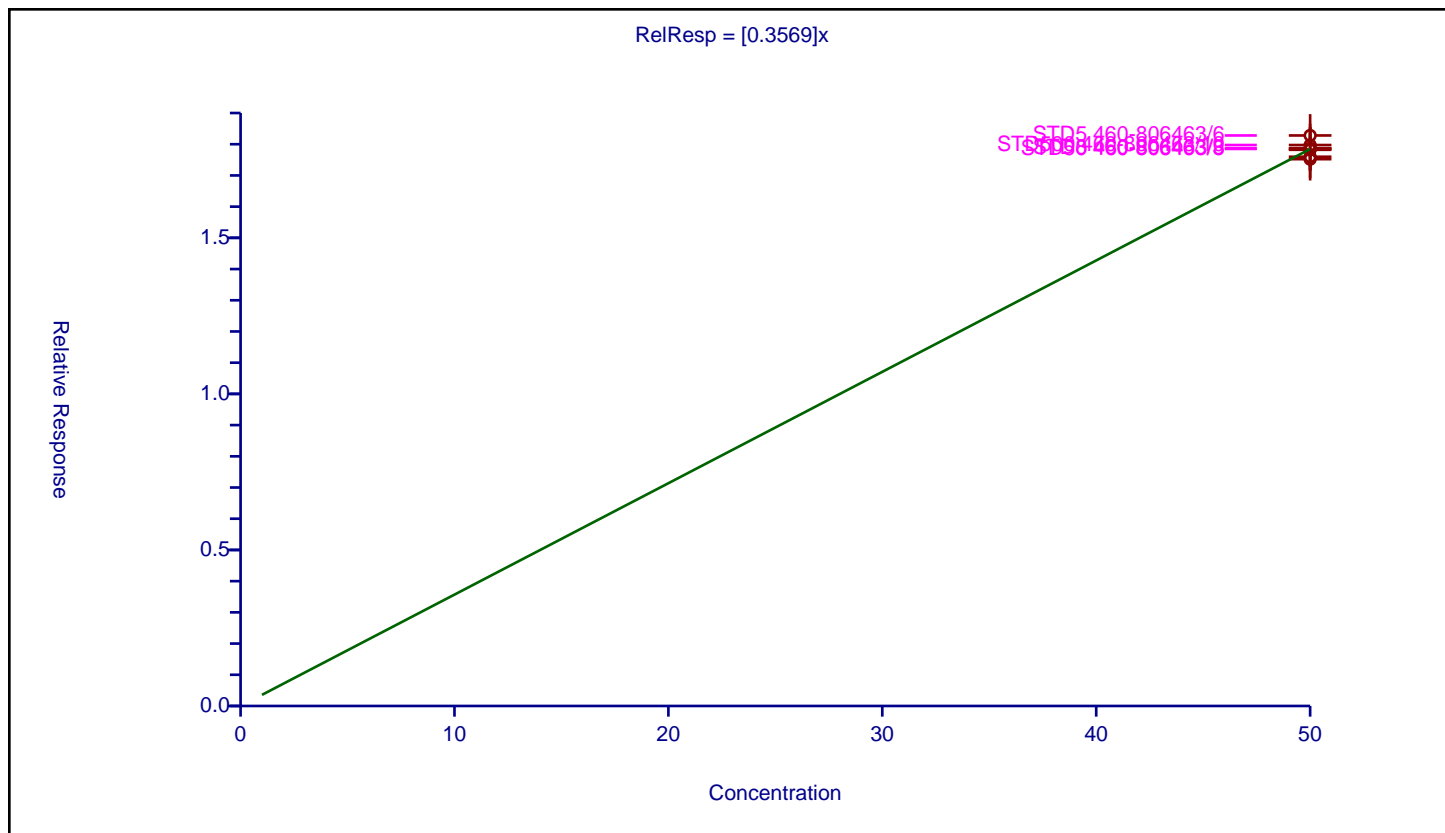
## Curve Coefficients

Intercept: 0  
 Slope: 0.3569

## Error Coefficients

Standard Error: 175000  
 Relative Standard Error: 1.4  
 Correlation Coefficient: 0  
 Coefficient of Determination (Adjusted): 0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	50.0	17.869837	50.0	485329.0	0.357397	Y
2	STD5 460-806463/6	50.0	18.280527	50.0	453540.0	0.365611	Y
3	STD20 460-806463/7	50.0	17.821772	50.0	426801.0	0.356435	Y
4	STD50 460-806463/8	50.0	17.84901	50.0	457129.0	0.35698	Y
5	STD200 460-806463/9	50.0	17.520796	50.0	389383.0	0.350416	Y
6	STD500 460-806463/10	50.0	17.973746	50.0	421423.0	0.359475	Y
7	STD1 460-806463/14	50.0	17.598392	50.0	536478.0	0.351968	Y



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

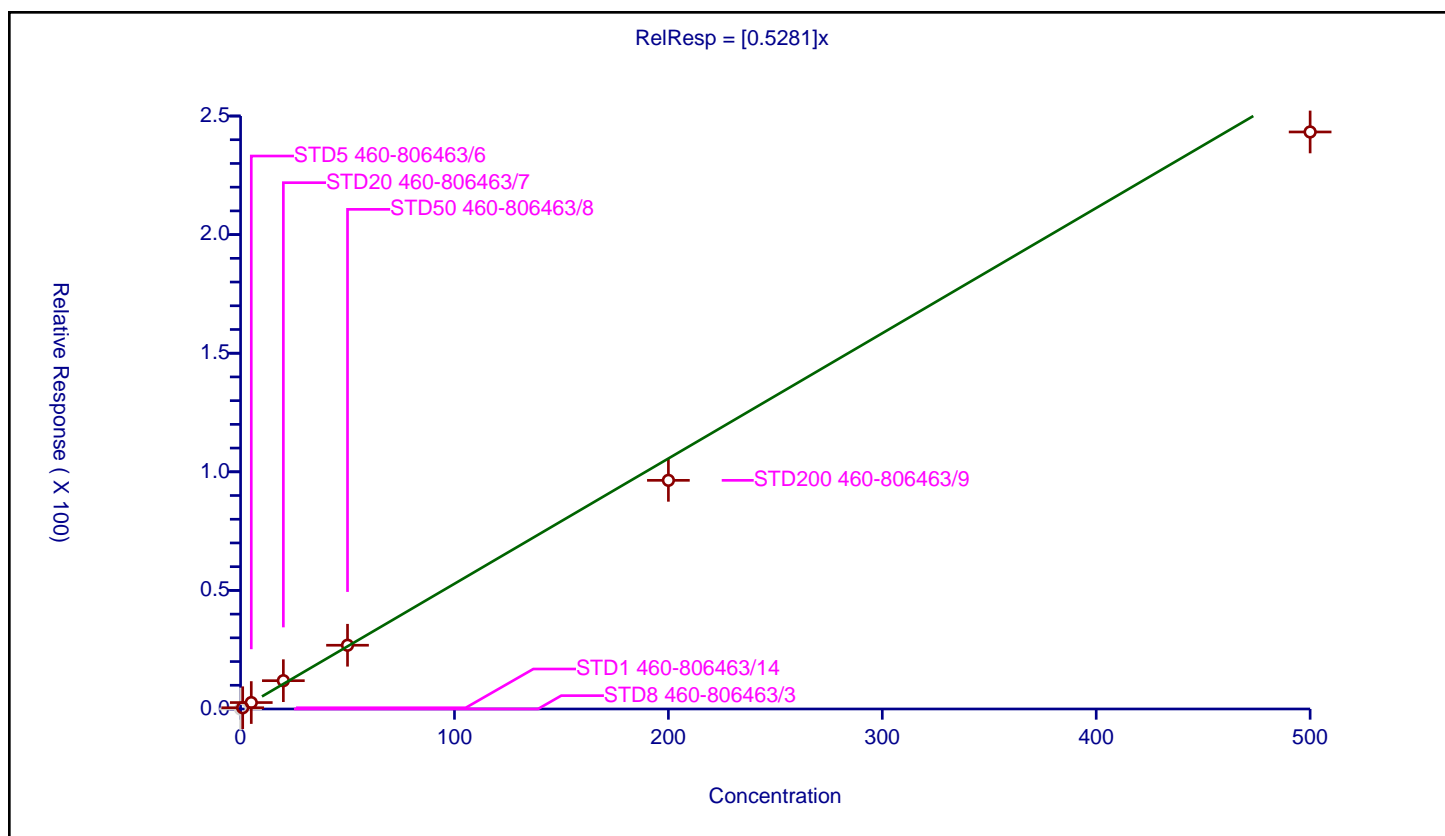
## Curve Coefficients

Intercept: 0  
 Slope: 0.5281

## Error Coefficients

Standard Error: 984000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.523787	50.0	536478.0	0.523787	Y
3	STD5 460-806463/6	5.0	2.709463	50.0	453540.0	0.541893	Y
4	STD20 460-806463/7	20.0	11.929213	50.0	426801.0	0.596461	Y
5	STD50 460-806463/8	50.0	26.880049	50.0	457129.0	0.537601	Y
6	STD200 460-806463/9	200.0	96.40444	50.0	389383.0	0.482022	Y
7	STD500 460-806463/10	500.0	243.271843	50.0	421423.0	0.486544	Y



# Calibration

/ Isopropyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

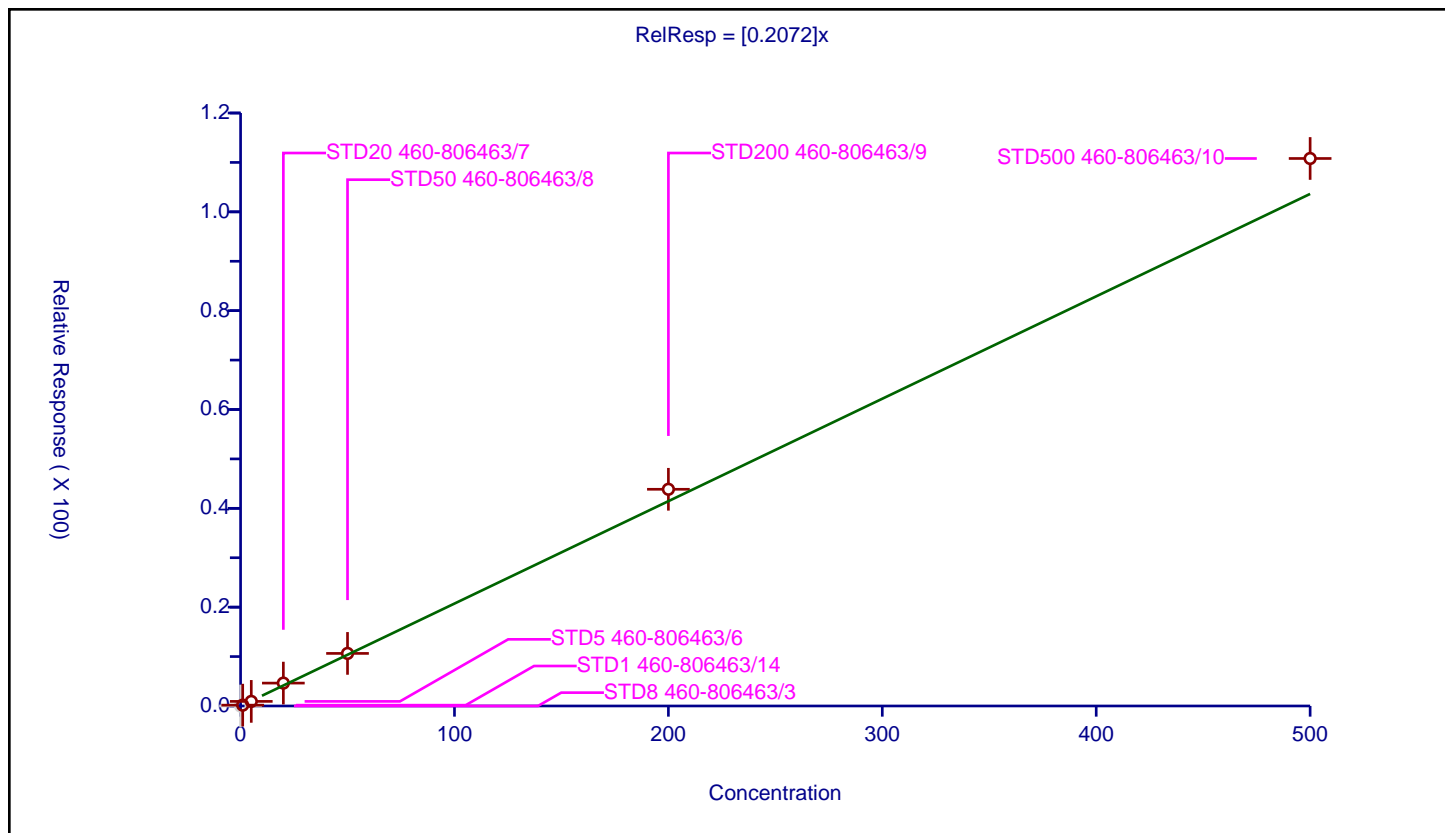
## Curve Coefficients

Intercept: 0  
 Slope: 0.2072

## Error Coefficients

Standard Error: 447000  
 Relative Standard Error: 11.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.172048	50.0	536478.0	0.172048	Y
3	STD5 460-806463/6	5.0	0.931009	50.0	453540.0	0.186202	Y
4	STD20 460-806463/7	20.0	4.632604	50.0	426801.0	0.23163	Y
5	STD50 460-806463/8	50.0	10.636604	50.0	457129.0	0.212732	Y
6	STD200 460-806463/9	200.0	43.856306	50.0	389383.0	0.219282	Y
7	STD500 460-806463/10	500.0	110.800787	50.0	421423.0	0.221602	Y



# Calibration

/ Tert-amyl methyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

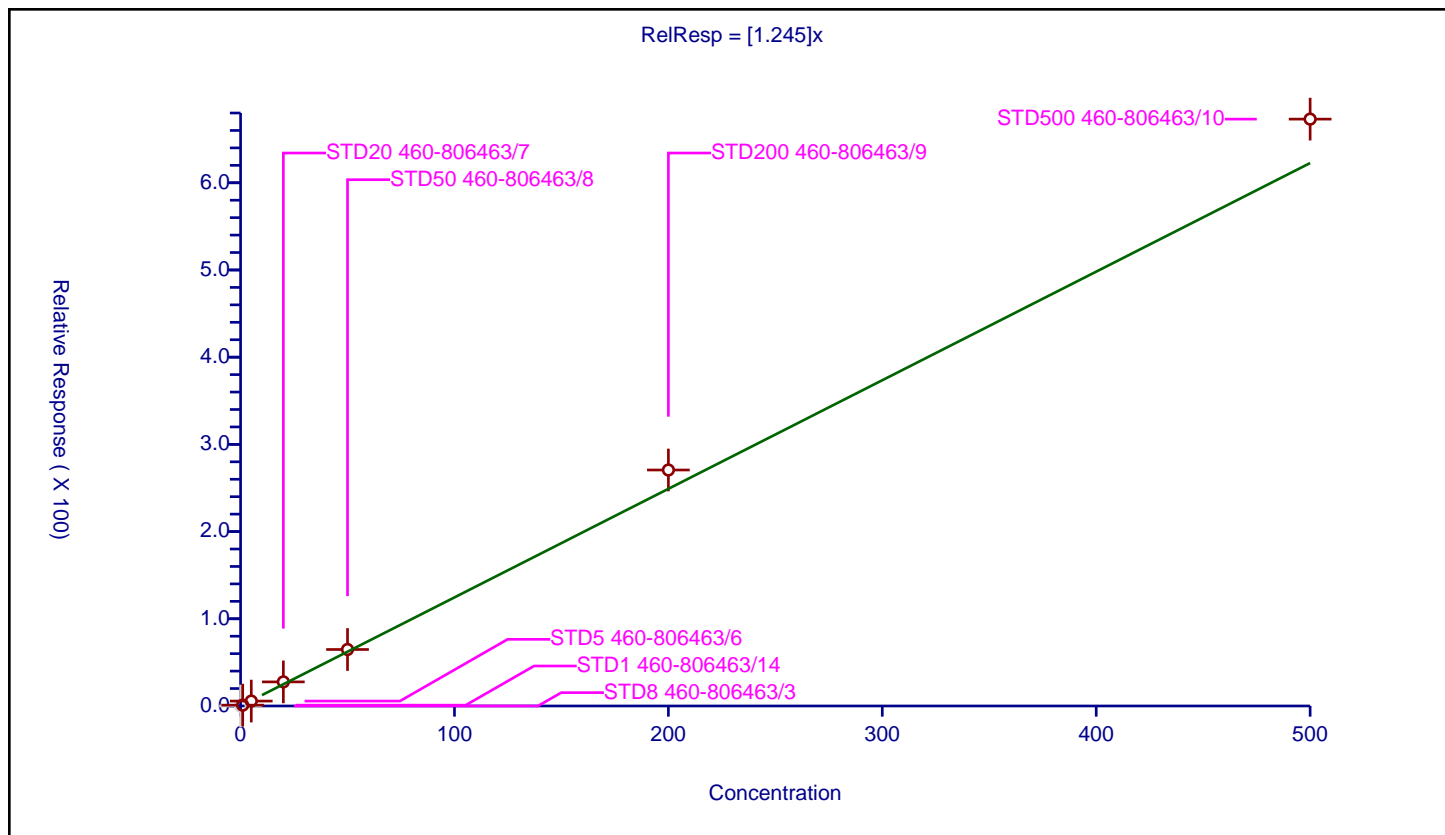
## Curve Coefficients

Intercept: 0  
 Slope: 1.245

## Error Coefficients

Standard Error: 2720000  
 Relative Standard Error: 13.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.969285	50.0	536478.0	0.969285	Y
3	STD5 460-806463/6	5.0	5.632138	50.0	453540.0	1.126428	Y
4	STD20 460-806463/7	20.0	27.615095	50.0	426801.0	1.380755	Y
5	STD50 460-806463/8	50.0	64.786417	50.0	457129.0	1.295728	Y
6	STD200 460-806463/9	200.0	270.609143	50.0	389383.0	1.353046	Y
7	STD500 460-806463/10	500.0	672.990321	50.0	421423.0	1.345981	Y



# Calibration

/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

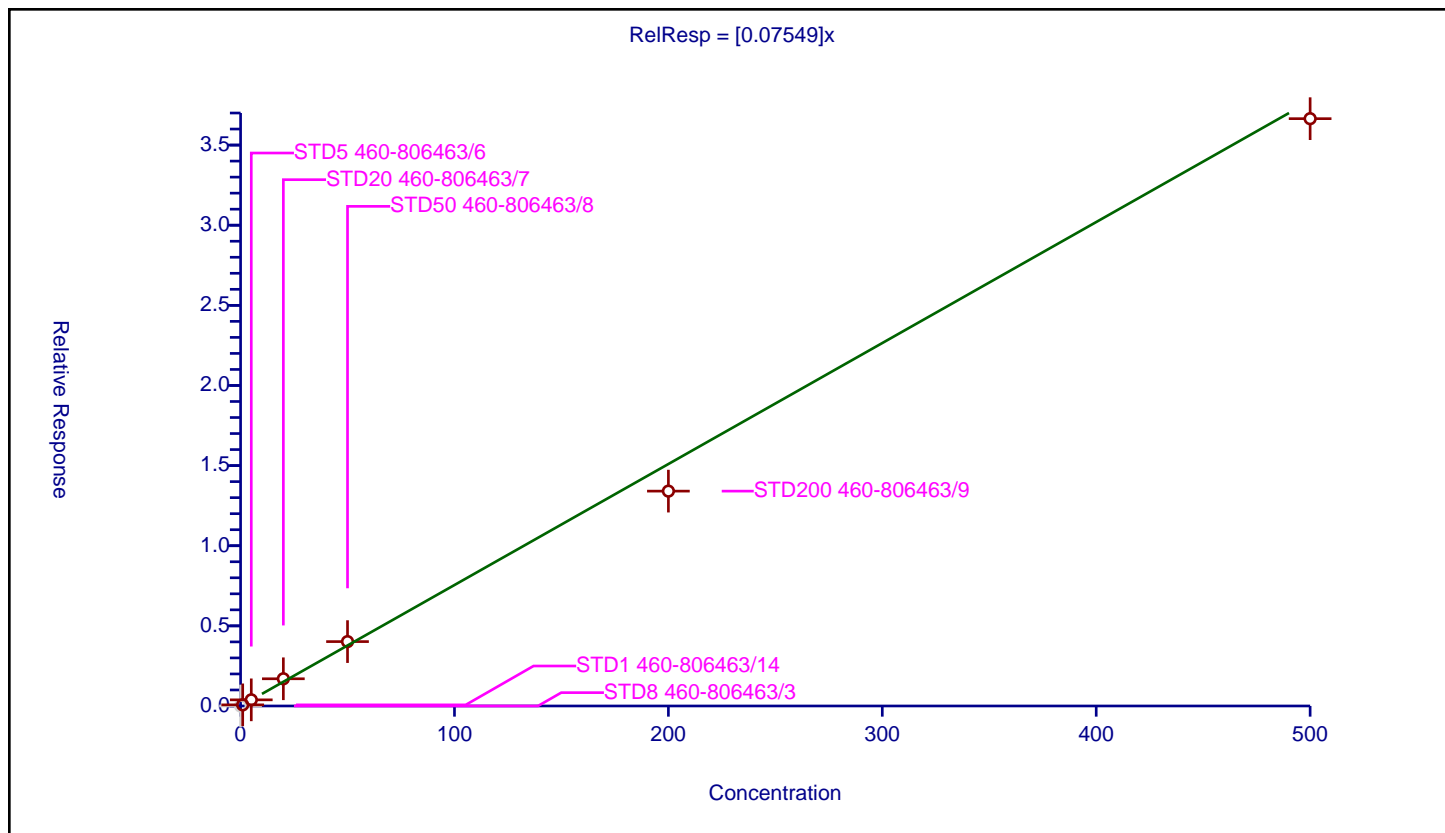
## Curve Coefficients

Intercept: 0  
 Slope: 0.07549

## Error Coefficients

Standard Error: 147000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.070739	50.0	536478.0	0.070739	Y
3	STD5 460-806463/6	5.0	0.382877	50.0	453540.0	0.076575	Y
4	STD20 460-806463/7	20.0	1.698801	50.0	426801.0	0.08494	Y
5	STD50 460-806463/8	50.0	4.017903	50.0	457129.0	0.080358	Y
6	STD200 460-806463/9	200.0	13.407493	50.0	389383.0	0.067037	Y
7	STD500 460-806463/10	500.0	36.646908	50.0	421423.0	0.073294	Y





## Calibration

/ Trichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

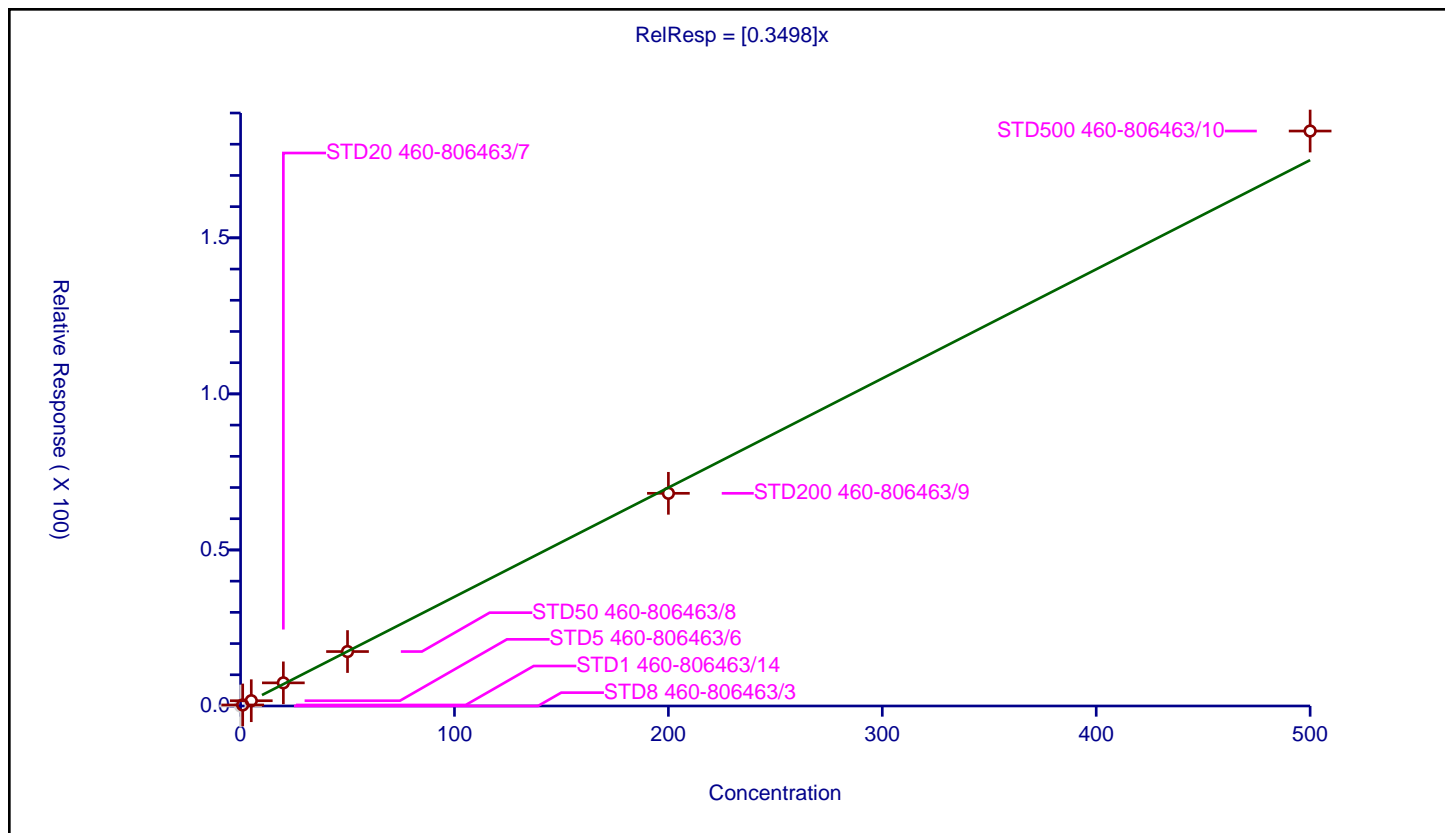
## Curve Coefficients

Intercept: 0  
Slope: 0.3498

## Error Coefficients

Standard Error: 738000  
Relative Standard Error: 4.7  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.3317	50.0	536478.0	0.3317	Y
3	STD5 460-806463/6	5.0	1.691802	50.0	453540.0	0.33836	Y
4	STD20 460-806463/7	20.0	7.413642	50.0	426801.0	0.370682	Y
5	STD50 460-806463/8	50.0	17.447591	50.0	457129.0	0.348952	Y
6	STD200 460-806463/9	200.0	68.148199	50.0	389383.0	0.340741	Y
7	STD500 460-806463/10	500.0	184.227961	50.0	421423.0	0.368456	Y



# Calibration

/ n-Butanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

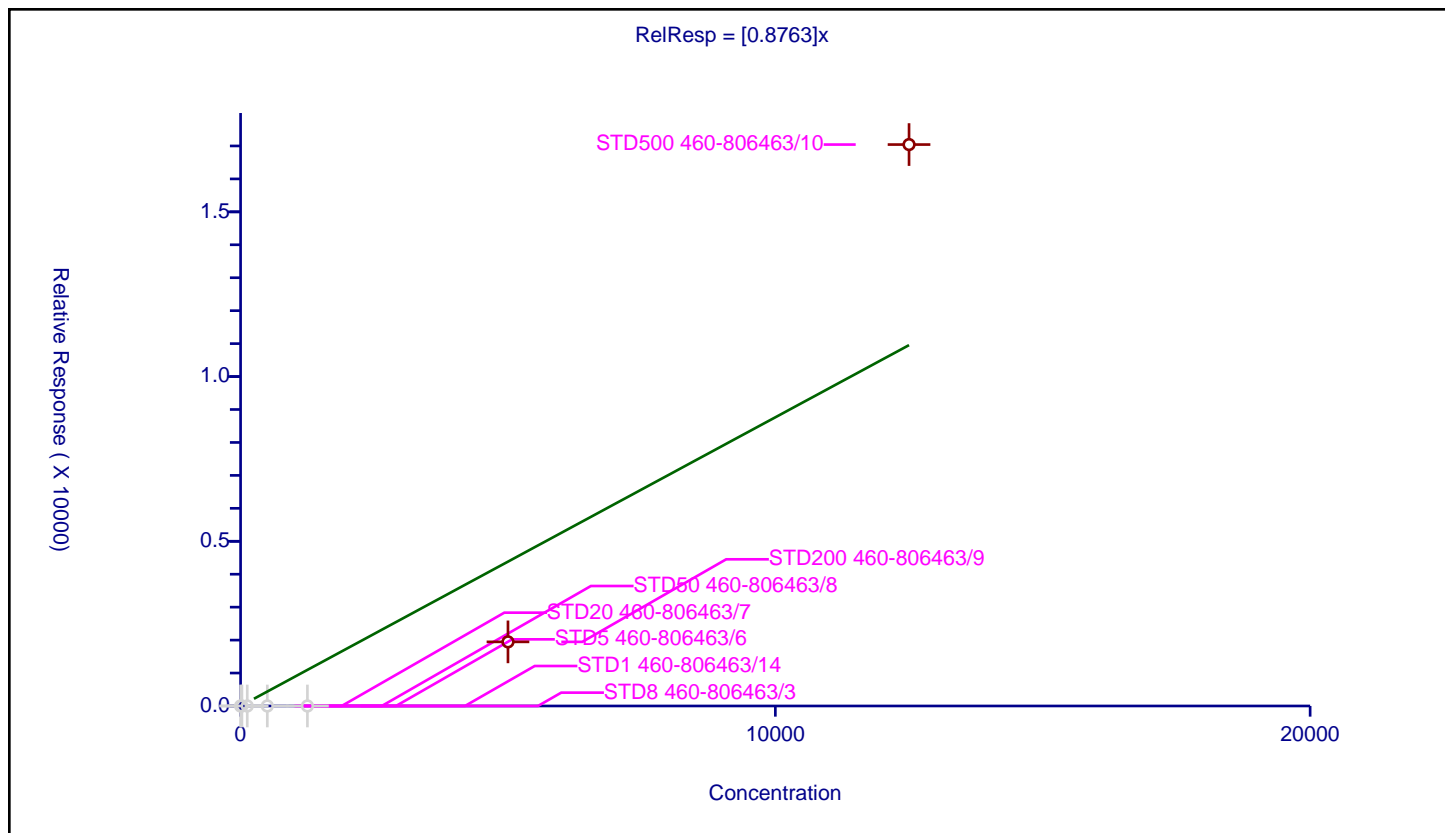
## Curve Coefficients

Intercept: 0  
 Slope: 0.8763

## Error Coefficients

Standard Error: 747000  
 Relative Standard Error: 78.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.623

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	1000.0	44878.0	NaN	N
2	STD1 460-806463/14	25.0	0.0	1000.0	40760.0	0.0	N
3	STD5 460-806463/6	125.0	0.0	1000.0	41929.0	0.0	N
4	STD20 460-806463/7	500.0	0.0	1000.0	38018.0	0.0	N
5	STD50 460-806463/8	1250.0	0.0	1000.0	47129.0	0.0	N
6	STD200 460-806463/9	5000.0	1946.305633	1000.0	39073.0	0.389261	Y
7	STD500 460-806463/10	12500.0	17042.743539	1000.0	44264.0	1.363419	Y



# Calibration

/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

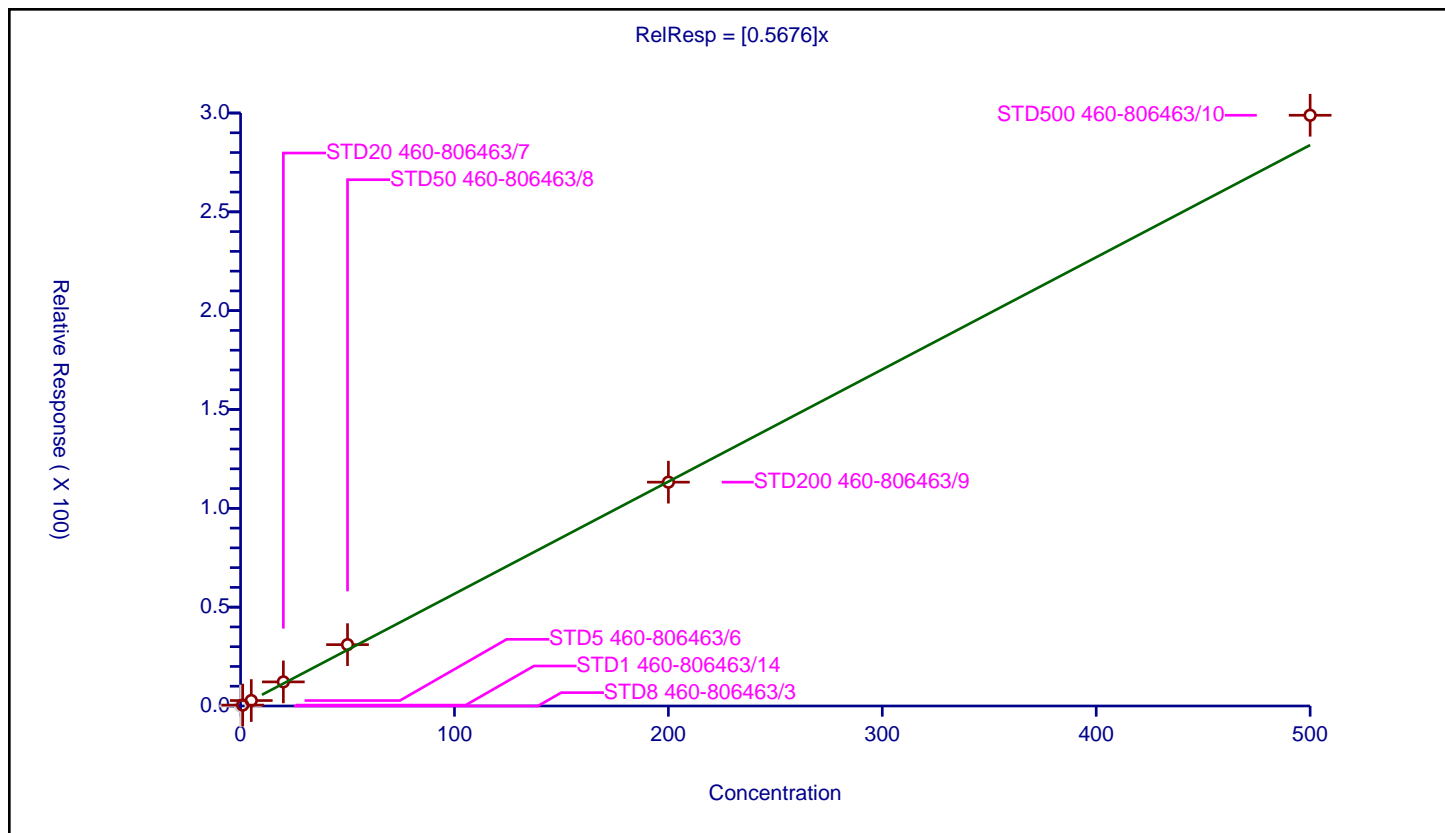
## Curve Coefficients

Intercept: 0  
 Slope: 0.5676

## Error Coefficients

Standard Error: 1200000  
 Relative Standard Error: 10.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.45836	50.0	536478.0	0.45836	Y
3	STD5 460-806463/6	5.0	2.763593	50.0	453540.0	0.552719	Y
4	STD20 460-806463/7	20.0	12.194793	50.0	426801.0	0.60974	Y
5	STD50 460-806463/8	50.0	31.033253	50.0	457129.0	0.620665	Y
6	STD200 460-806463/9	200.0	113.24159	50.0	389383.0	0.566208	Y
7	STD500 460-806463/10	500.0	298.872866	50.0	421423.0	0.597746	Y



# Calibration

/ Ethyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

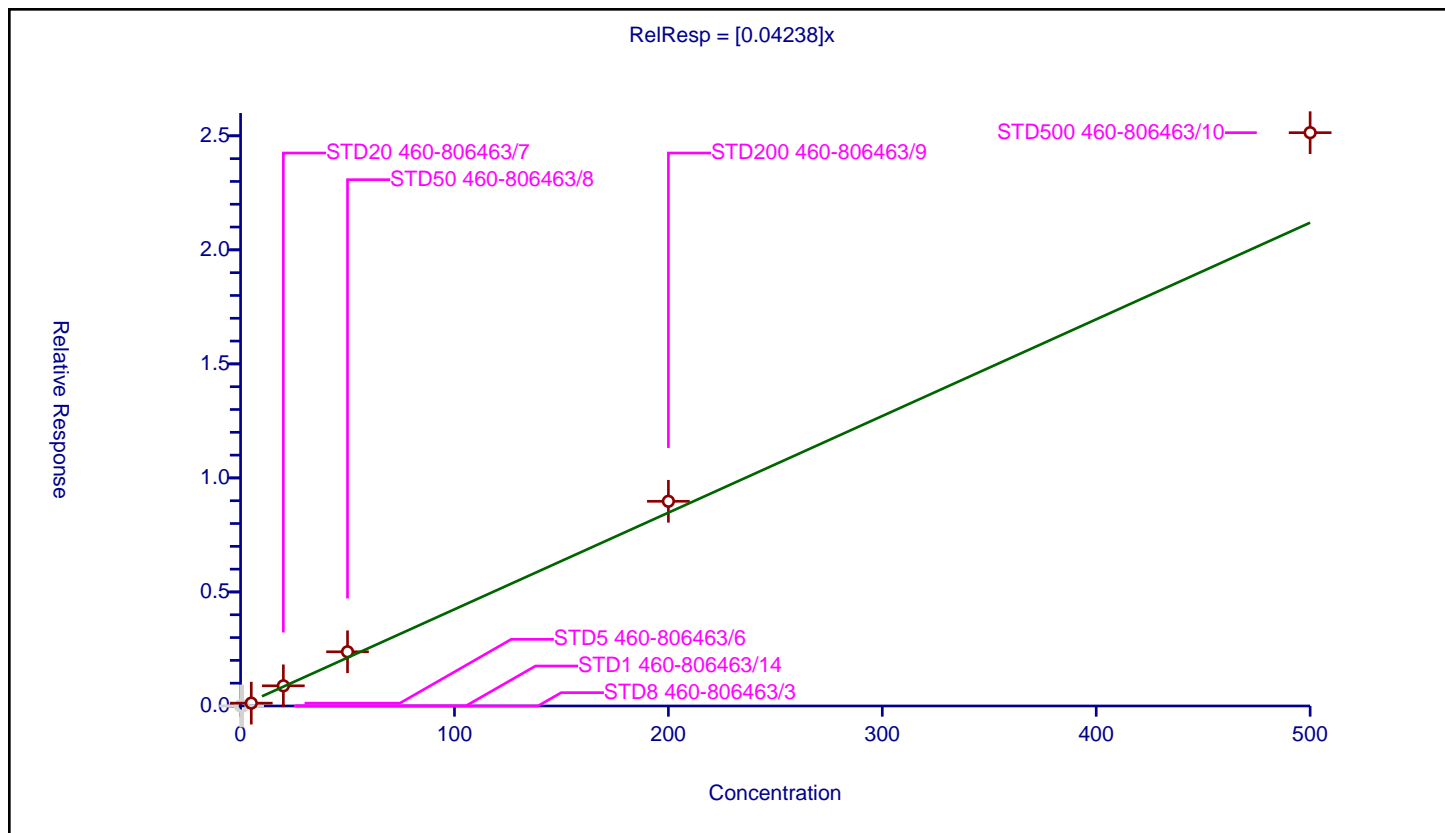
## Curve Coefficients

Intercept: 0  
 Slope: 0.04238

## Error Coefficients

Standard Error: 112000  
 Relative Standard Error: 23.6  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.948

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.0	50.0	536478.0	0.0	N
3	STD5 460-806463/6	5.0	0.125017	50.0	453540.0	0.025003	Y
4	STD20 460-806463/7	20.0	0.884604	50.0	426801.0	0.04423	Y
5	STD50 460-806463/8	50.0	2.376353	50.0	457129.0	0.047527	Y
6	STD200 460-806463/9	200.0	8.976124	50.0	389383.0	0.044881	Y
7	STD500 460-806463/10	500.0	25.138519	50.0	421423.0	0.050277	Y



# Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

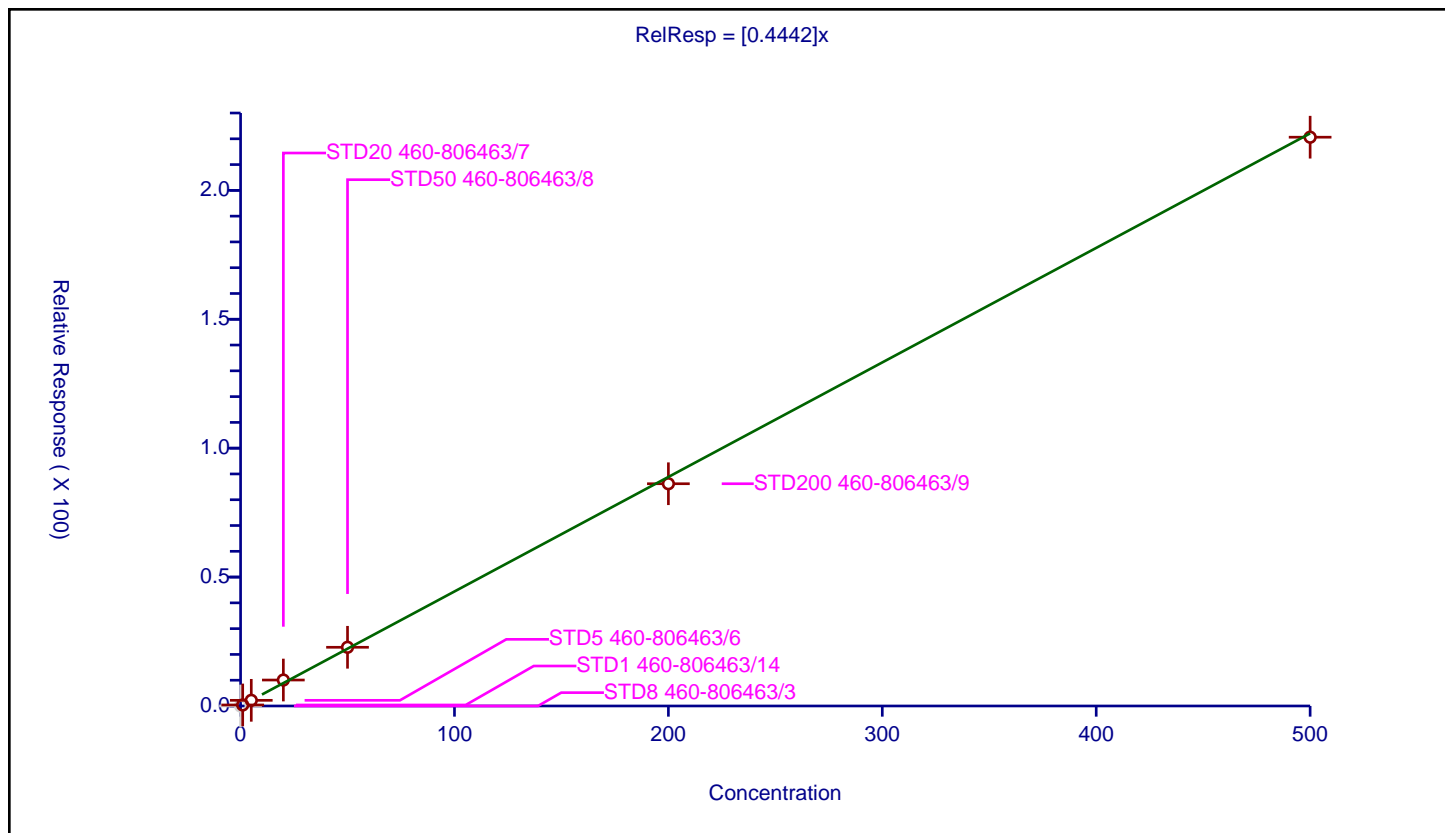
## Curve Coefficients

Intercept: 0  
 Slope: 0.4442

## Error Coefficients

Standard Error: 890000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.394238	50.0	536478.0	0.394238	Y
3	STD5 460-806463/6	5.0	2.198263	50.0	453540.0	0.439653	Y
4	STD20 460-806463/7	20.0	10.069798	50.0	426801.0	0.50349	Y
5	STD50 460-806463/8	50.0	22.772675	50.0	457129.0	0.455453	Y
6	STD200 460-806463/9	200.0	86.210749	50.0	389383.0	0.431054	Y
7	STD500 460-806463/10	500.0	220.614679	50.0	421423.0	0.441229	Y



# Calibration

/ Dibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

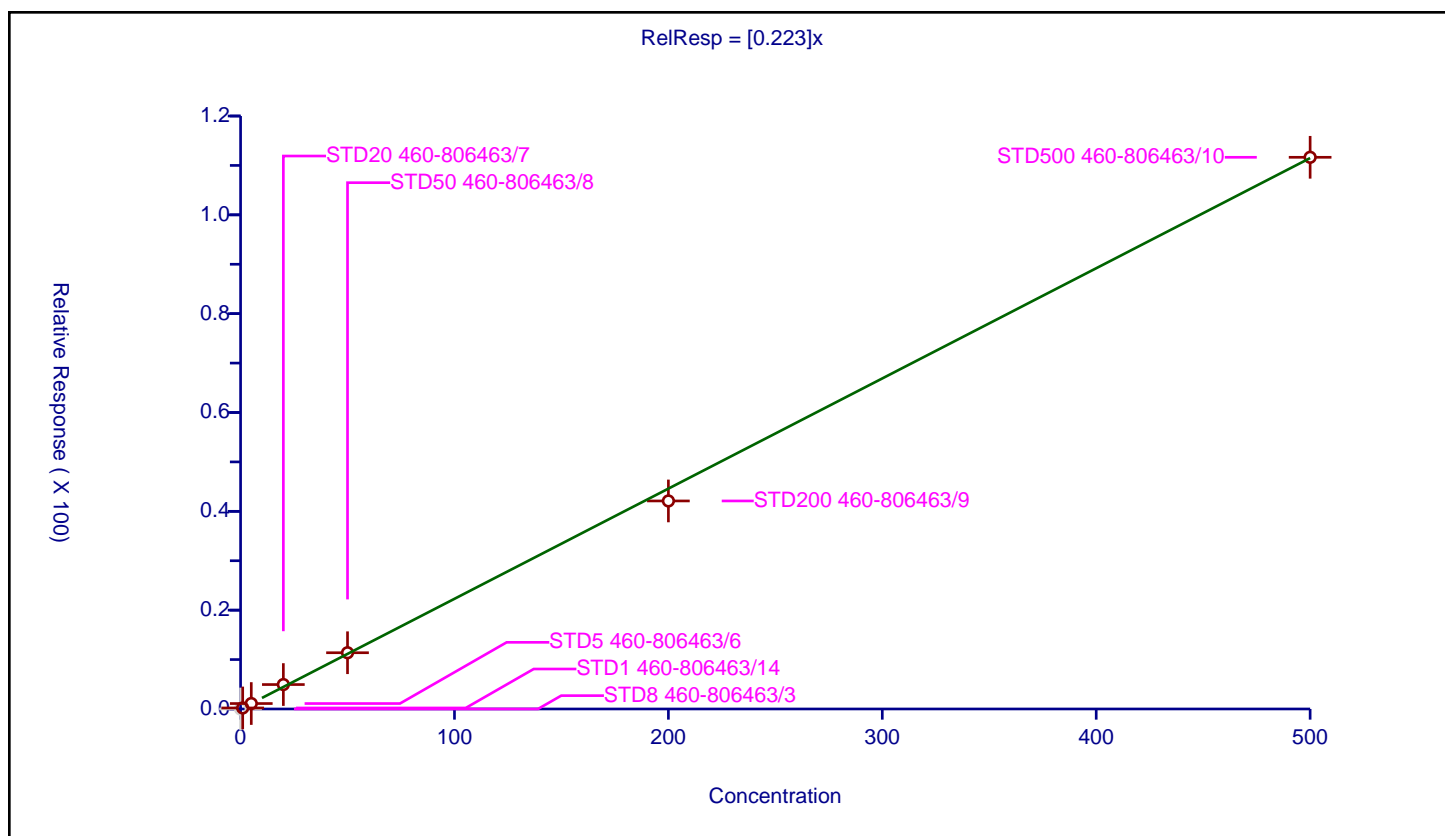
## Curve Coefficients

Intercept: 0  
 Slope: 0.223

## Error Coefficients

Standard Error: 448000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.208023	50.0	536478.0	0.208023	Y
3	STD5 460-806463/6	5.0	1.105746	50.0	453540.0	0.221149	Y
4	STD20 460-806463/7	20.0	4.944693	50.0	426801.0	0.247235	Y
5	STD50 460-806463/8	50.0	11.383548	50.0	457129.0	0.227671	Y
6	STD200 460-806463/9	200.0	42.102763	50.0	389383.0	0.210514	Y
7	STD500 460-806463/10	500.0	111.648035	50.0	421423.0	0.223296	Y



## Calibration

/ Methyl methacrylate

Curve Type: Quadratic  
Weighting: Conc\_Sq  
Origin: None  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

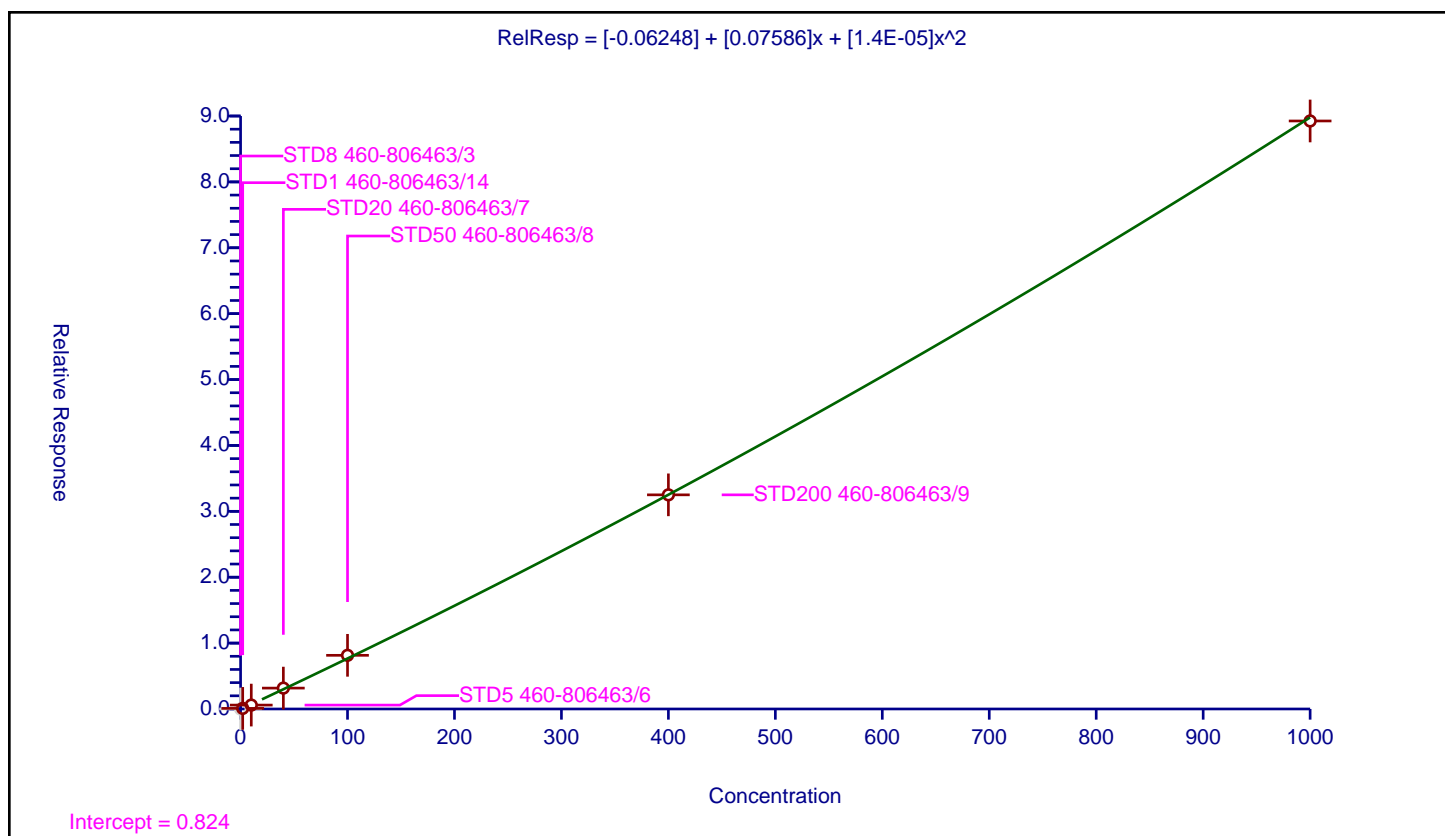
## Curve Coefficients

Intercept: -0.06248  
Slope: 0.07586  
Second Order: 1.4E-05

## Error Coefficients

Standard Error: 460000  
Relative Standard Error: 9.4  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	2.0	0.092828	50.0	536478.0	0.046414	Y
3	STD5 460-806463/6	10.0	0.593332	50.0	453540.0	0.059333	Y
4	STD20 460-806463/7	40.0	3.170799	50.0	426801.0	0.07927	Y
5	STD50 460-806463/8	100.0	8.144747	50.0	457129.0	0.081447	Y
6	STD200 460-806463/9	400.0	32.504115	50.0	389383.0	0.08126	Y
7	STD500 460-806463/10	1000.0	89.248688	50.0	421423.0	0.089249	Y



# Calibration

/ 1,4-Dioxane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

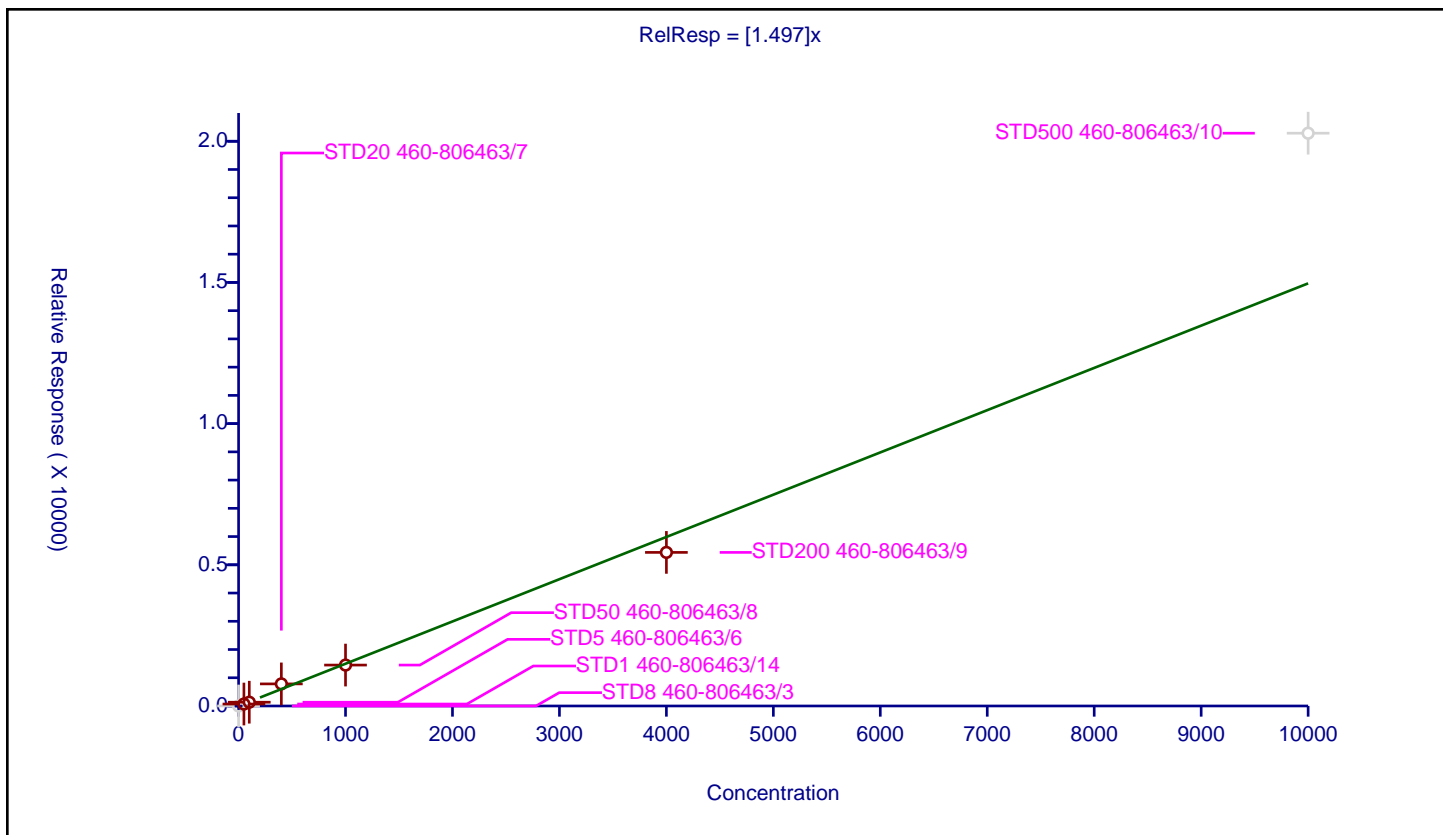
## Curve Coefficients

Intercept: 0  
 Slope: 1.497

## Error Coefficients

Standard Error: 61200  
 Relative Standard Error: 17.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	1000.0	12318.0	NaN	N
2	STD1 460-806463/14	50.000062	69.156697	1000.0	23989.0	1.383132	Y
3	STD5 460-806463/6	100.0	133.413791	1000.0	18229.0	1.334138	Y
4	STD20 460-806463/7	400.0	782.676813	1000.0	17872.0	1.956692	Y
5	STD50 460-806463/8	1000.0	1449.429071	1000.0	24609.0	1.449429	Y
6	STD200 460-806463/9	4000.0	5438.883968	1000.0	22580.0	1.359721	Y
7	STD500 460-806463/10	10000.0	20285.530941	1000.0	17921.0	2.028553	N





# Calibration

/ n-Propyl acetate

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

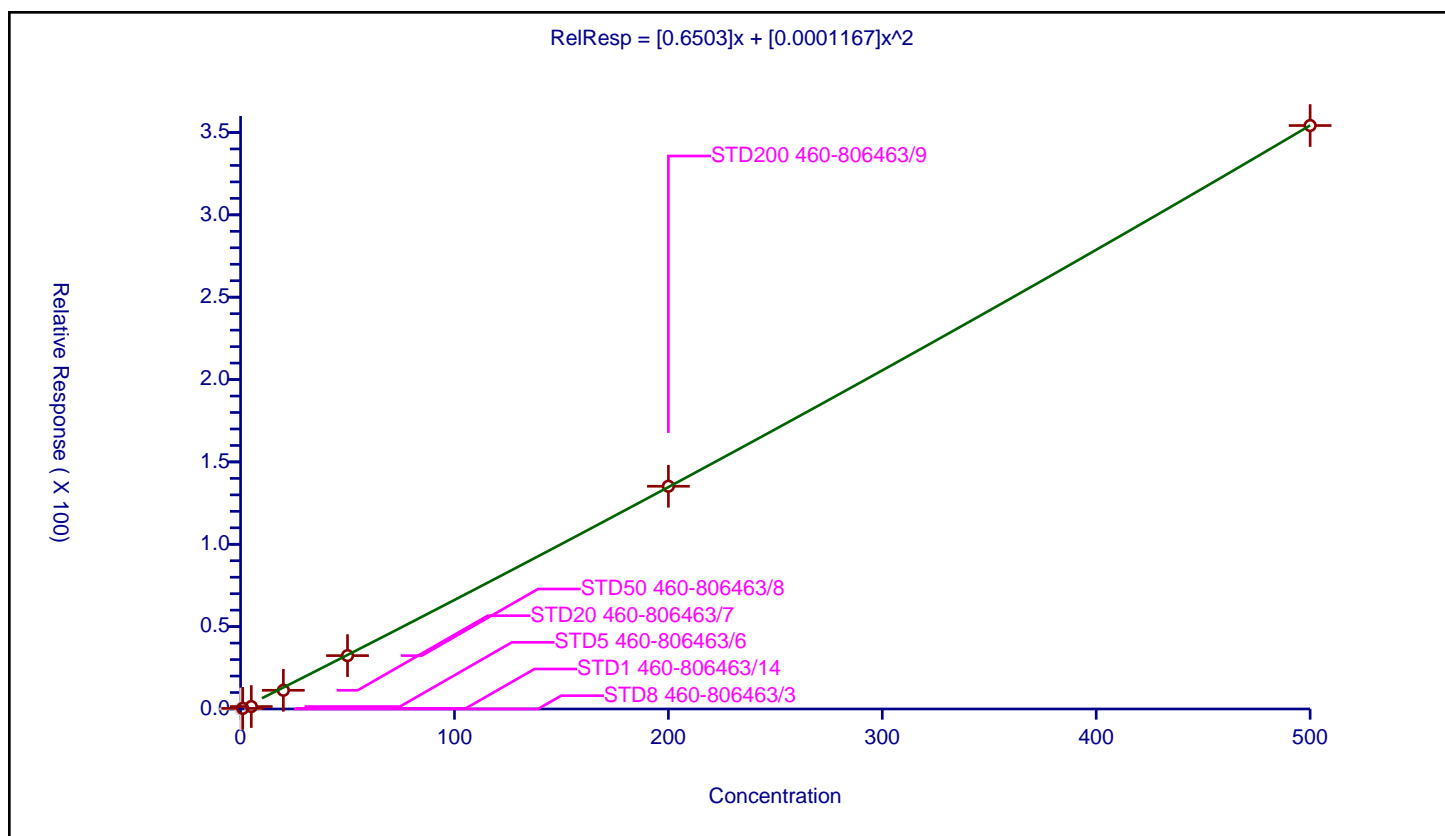
## Curve Coefficients

Intercept: 0  
 Slope: 0.6503  
 Second Order: 0.0001167

## Error Coefficients

Standard Error: 1590000  
 Relative Standard Error: 35.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.361897	50.0	536478.0	0.361897	Y
3	STD5 460-806463/6	5.0	1.48741	50.0	453540.0	0.297482	Y
4	STD20 460-806463/7	20.0	11.355643	50.0	426801.0	0.567782	Y
5	STD50 460-806463/8	50.0	32.397748	50.0	457129.0	0.647955	Y
6	STD200 460-806463/9	200.0	135.217768	50.0	389383.0	0.676089	Y
7	STD500 460-806463/10	500.0	354.220937	50.0	421423.0	0.708442	Y



# Calibration

/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

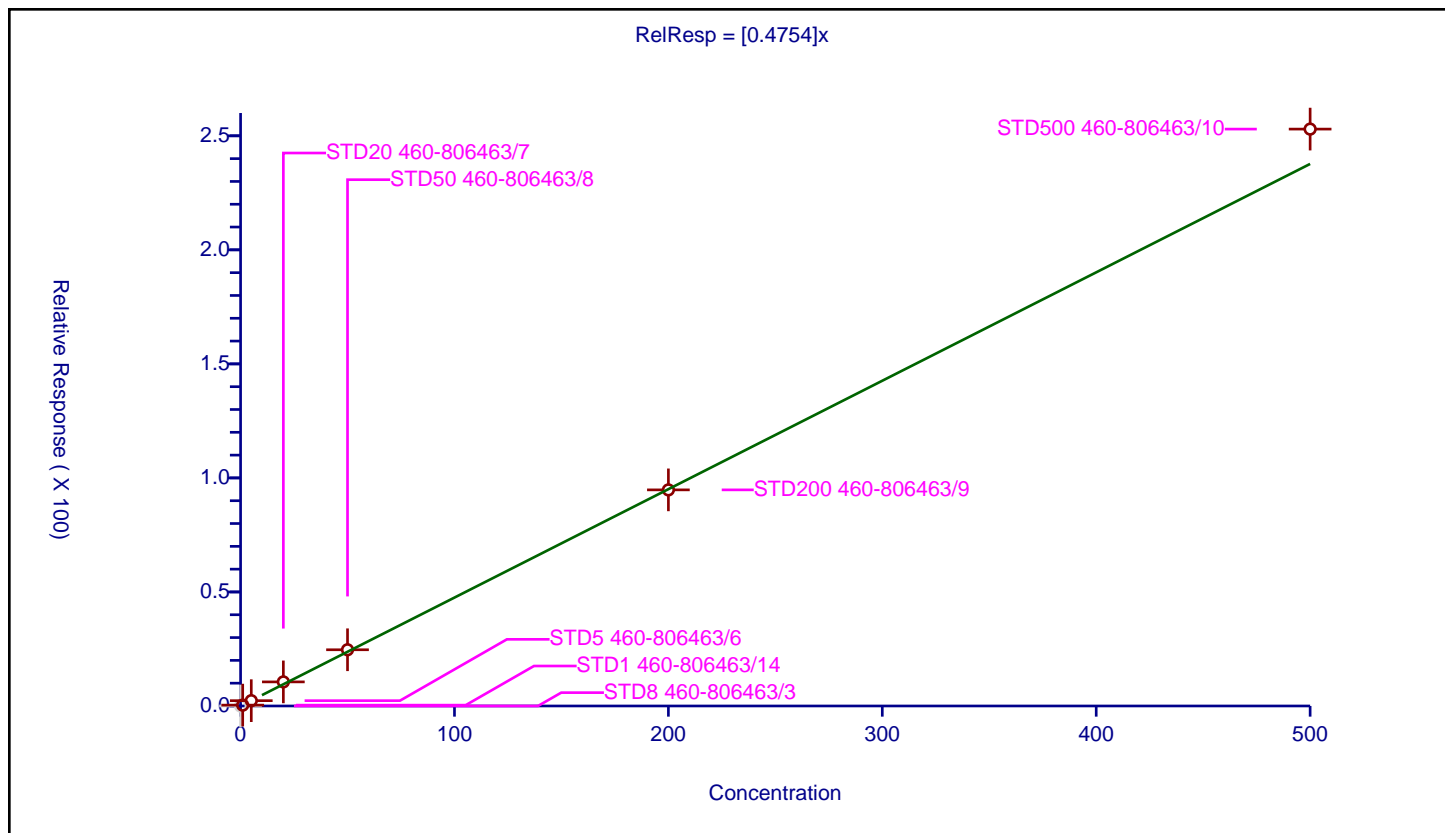
## Curve Coefficients

Intercept: 0  
 Slope: 0.4754

## Error Coefficients

Standard Error: 1010000  
 Relative Standard Error: 10.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0	0.385477	50.0	536478.0	0.385477	Y
3	STD5 460-806463/6	5.0	2.328791	50.0	453540.0	0.465758	Y
4	STD20 460-806463/7	20.0	10.561479	50.0	426801.0	0.528074	Y
5	STD50 460-806463/8	50.0	24.657482	50.0	457129.0	0.49315	Y
6	STD200 460-806463/9	200.0	94.755806	50.0	389383.0	0.473779	Y
7	STD500 460-806463/10	500.0	252.949056	50.0	421423.0	0.505898	Y



# Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

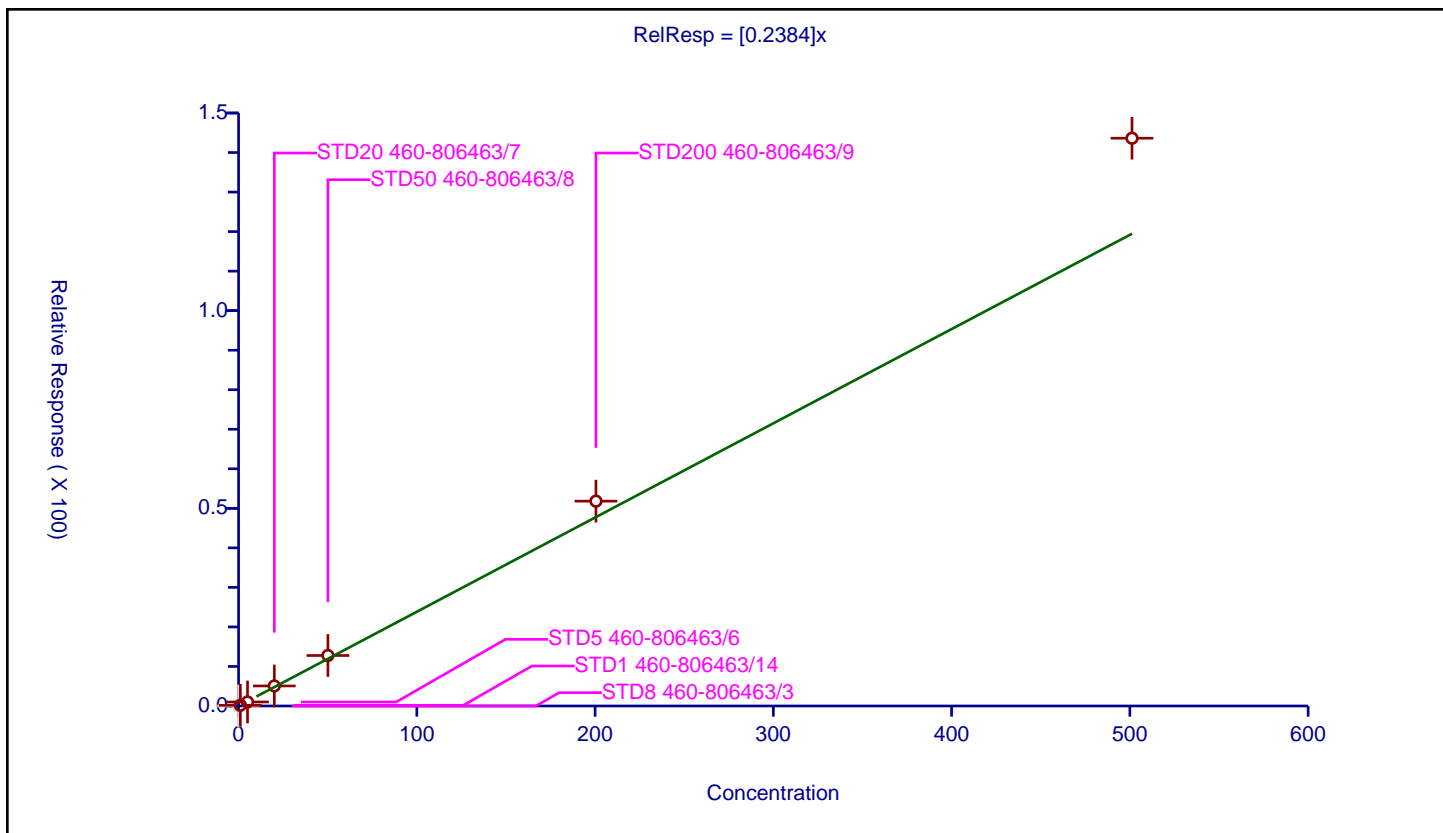
## Curve Coefficients

Intercept: 0  
 Slope: 0.2384

## Error Coefficients

Standard Error: 573000  
 Relative Standard Error: 17.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	1.0024	0.17503	50.0	536478.0	0.174611	Y
3	STD5 460-806463/6	5.012	1.016889	50.0	453540.0	0.202891	Y
4	STD20 460-806463/7	20.048	5.067584	50.0	426801.0	0.252773	Y
5	STD50 460-806463/8	50.12	12.770903	50.0	457129.0	0.254807	Y
6	STD200 460-806463/9	200.48	51.819417	50.0	389383.0	0.258477	Y
7	STD500 460-806463/10	501.2	143.624221	50.0	421423.0	0.286561	Y



# Calibration

/ 2-Nitropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

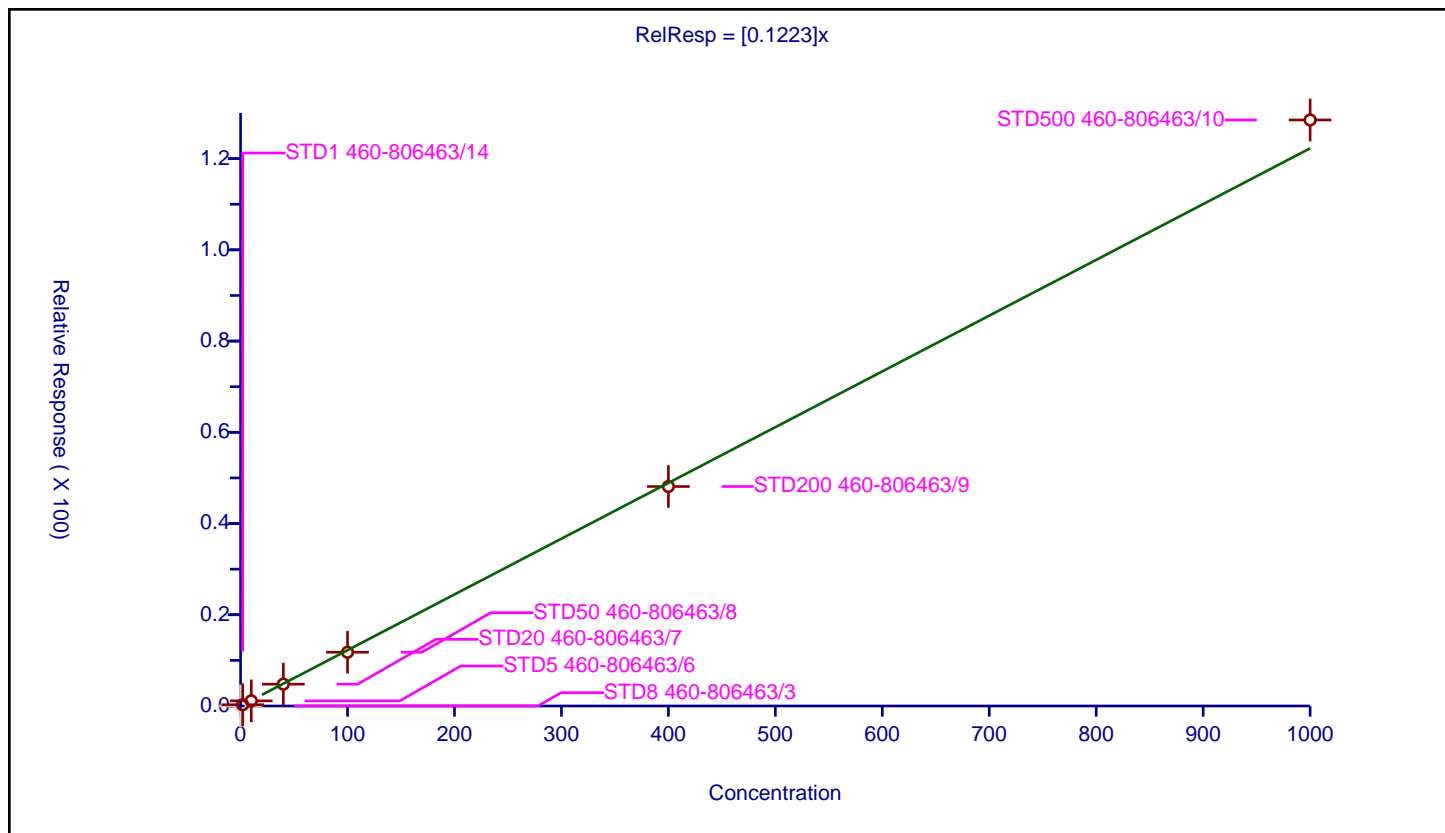
## Curve Coefficients

Intercept: 0  
 Slope: 0.1223

## Error Coefficients

Standard Error: 515000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	485329.0	NaN	N
2	STD1 460-806463/14	2.0	0.269443	50.0	536478.0	0.134721	Y
3	STD5 460-806463/6	10.0	1.1257	50.0	453540.0	0.11257	Y
4	STD20 460-806463/7	40.0	4.785017	50.0	426801.0	0.119625	Y
5	STD50 460-806463/8	100.0	11.784201	50.0	457129.0	0.117842	Y
6	STD200 460-806463/9	400.0	48.11548	50.0	389383.0	0.120289	Y
7	STD500 460-806463/10	1000.0	128.474478	50.0	421423.0	0.128474	Y



# Calibration

/ Epichlorohydrin

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

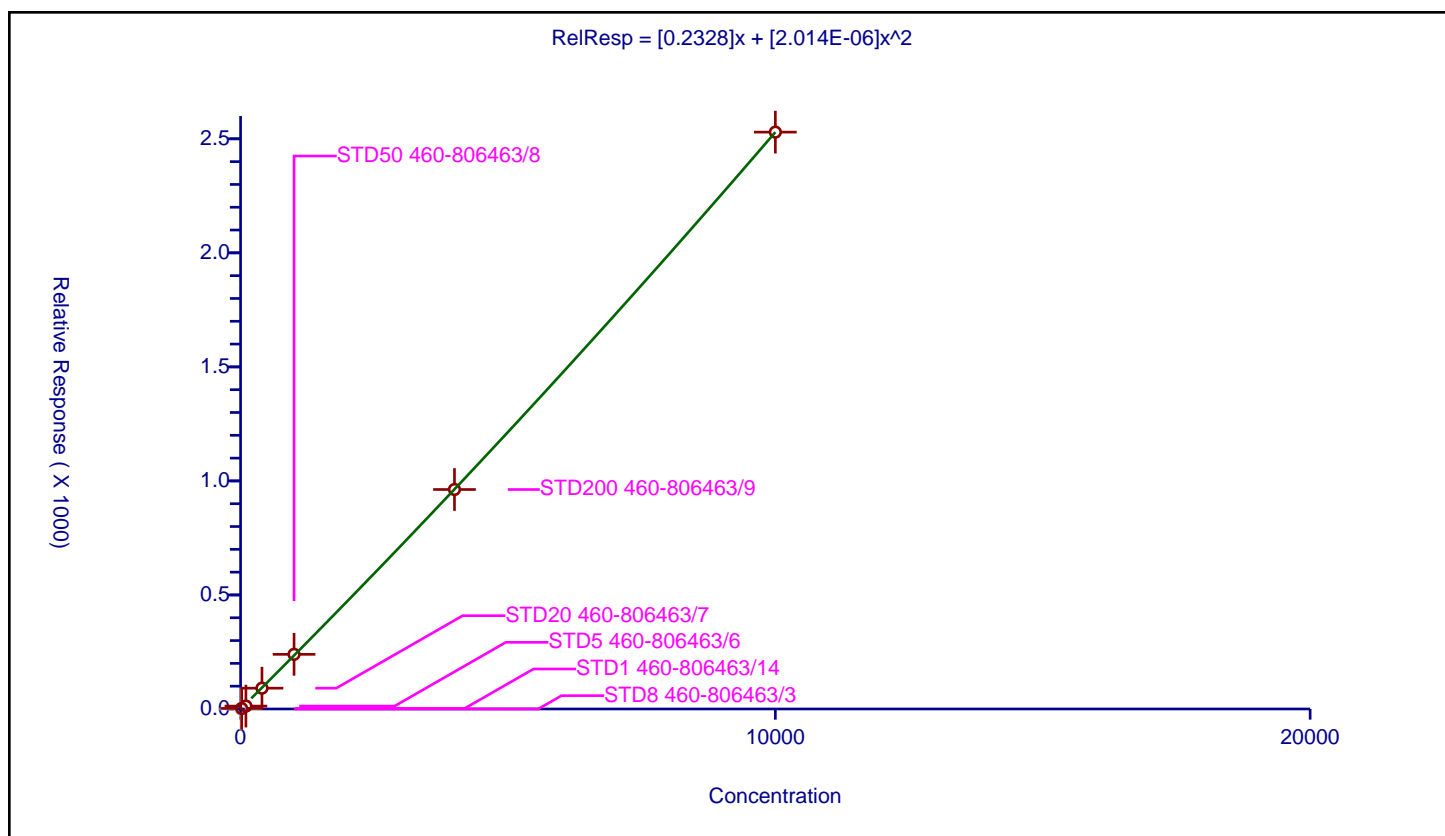
## Curve Coefficients

Intercept: 0  
 Slope: 0.2328  
 Second Order: 2.014E-06

## Error Coefficients

Standard Error: 2070000  
 Relative Standard Error: 33.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	5.000009	0.0	250.0	362112.0	0.0	N
2	STD1 460-806463/14	20.000035	2.42315	250.0	423519.0	0.121157	Y
3	STD5 460-806463/6	100.000173	12.691878	250.0	346639.0	0.126919	Y
4	STD20 460-806463/7	400.000692	91.219014	250.0	332047.0	0.228047	Y
5	STD50 460-806463/8	1000.00173	239.666513	250.0	381454.0	0.239666	Y
6	STD200 460-806463/9	4000.00692	962.370595	250.0	336346.0	0.240592	Y
7	STD500 460-806463/10	10000.0173	2529.426842	250.0	386246.0	0.252942	Y



# Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

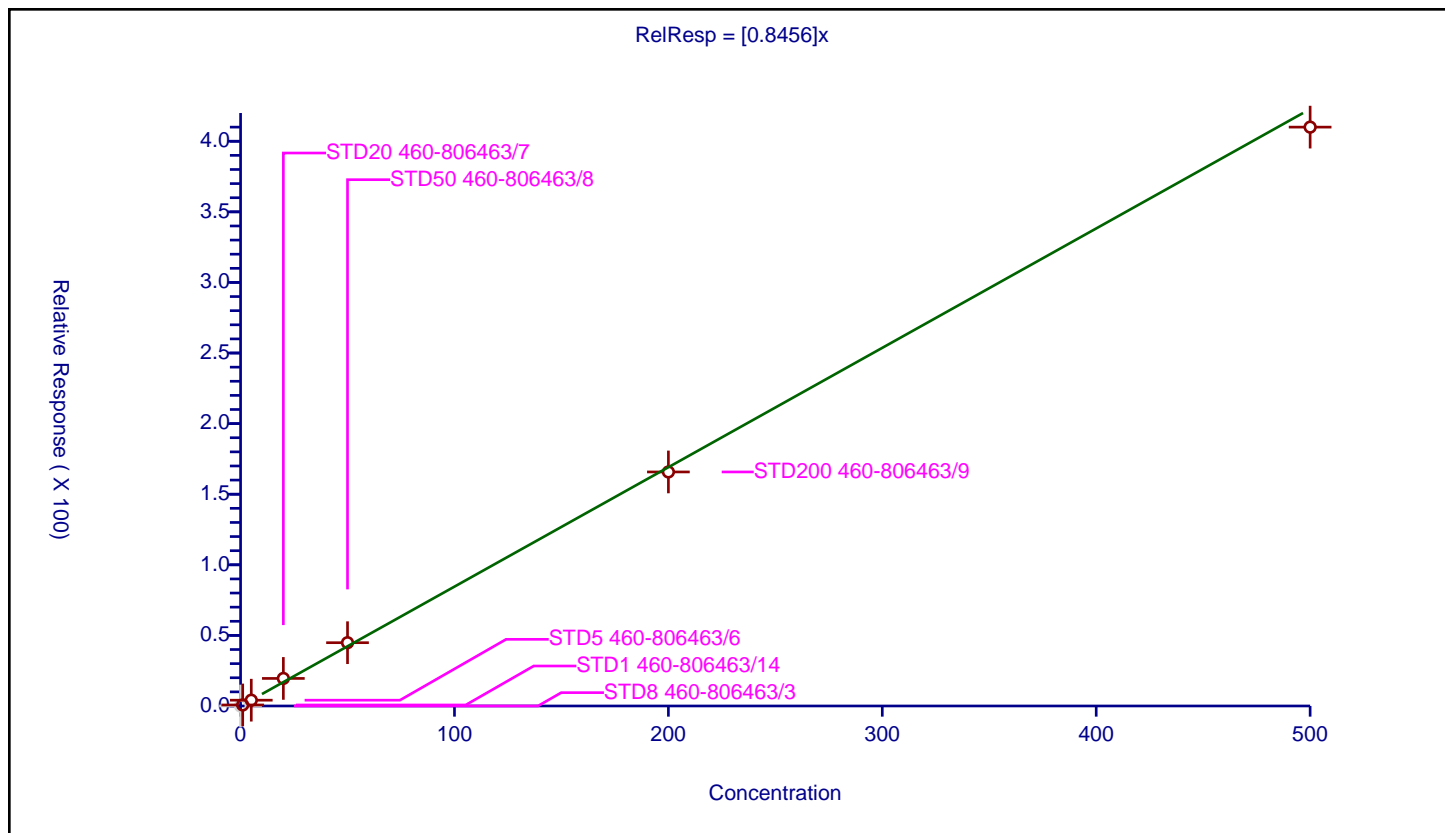
## Curve Coefficients

Intercept: 0  
 Slope: 0.8456

## Error Coefficients

Standard Error: 1350000  
 Relative Standard Error: 9.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.732423	50.0	368981.0	0.732423	Y
3	STD5 460-806463/6	5.0	4.100278	50.0	305211.0	0.820056	Y
4	STD20 460-806463/7	20.0	19.511962	50.0	302845.0	0.975598	Y
5	STD50 460-806463/8	50.0	44.834217	50.0	338787.0	0.896684	Y
6	STD200 460-806463/9	200.0	165.770338	50.0	295130.0	0.828852	Y
7	STD500 460-806463/10	500.0	410.008097	50.0	344571.0	0.820016	Y



# Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

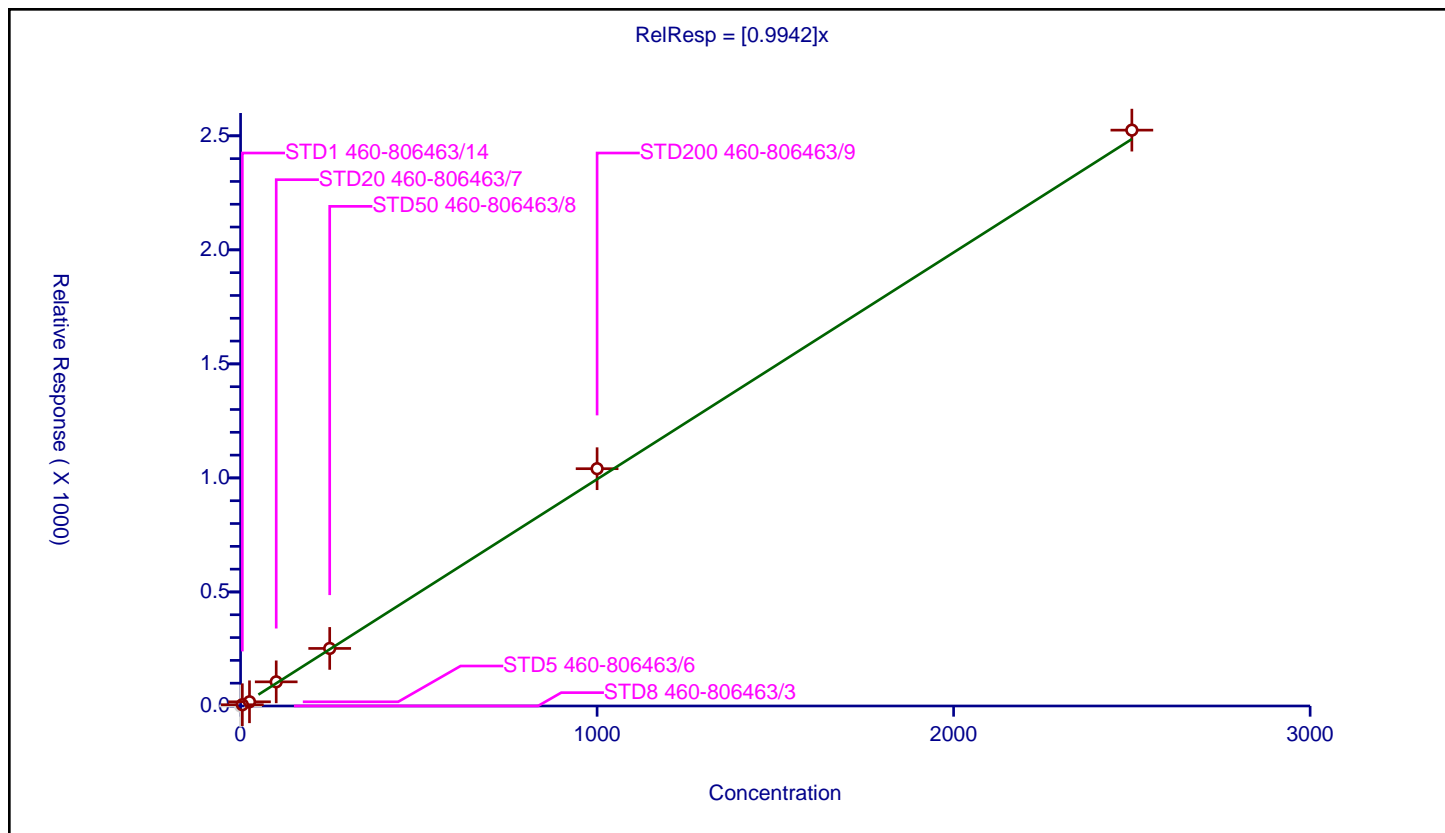
## Curve Coefficients

Intercept: 0  
 Slope: 0.9942

## Error Coefficients

Standard Error: 1860000  
 Relative Standard Error: 13.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	5.0	5.541664	250.0	423519.0	1.108333	Y
3	STD5 460-806463/6	25.0	18.456521	250.0	346639.0	0.738261	Y
4	STD20 460-806463/7	100.0	105.891636	250.0	332047.0	1.058916	Y
5	STD50 460-806463/8	250.0	252.400027	250.0	381454.0	1.0096	Y
6	STD200 460-806463/9	1000.0	1040.411511	250.0	336346.0	1.040412	Y
7	STD500 460-806463/10	2500.0	2524.907701	250.0	386246.0	1.009963	Y



# Calibration

/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

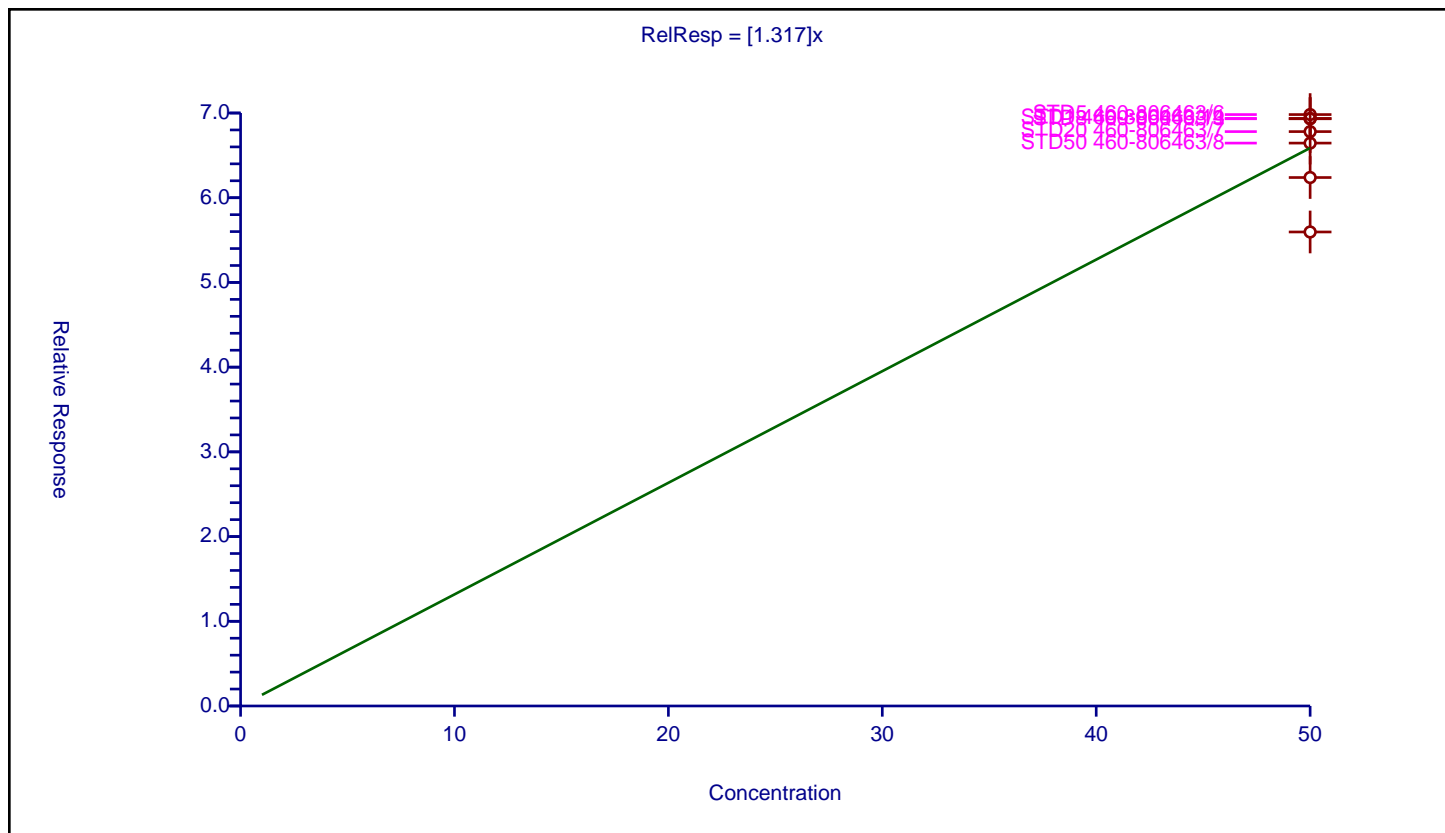
## Curve Coefficients

Intercept: 0  
 Slope: 1.317

## Error Coefficients

Standard Error: 466000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	50.0	69.319536	50.0	327306.0	1.386391	Y
2	STD5 460-806463/6	50.0	69.818421	50.0	305211.0	1.396368	Y
3	STD20 460-806463/7	50.0	67.805973	50.0	302845.0	1.356119	Y
4	STD50 460-806463/8	50.0	66.44765	50.0	338787.0	1.328953	Y
5	STD200 460-806463/9	50.0	62.383526	50.0	295130.0	1.247671	Y
6	STD500 460-806463/10	50.0	55.956247	50.0	344571.0	1.119125	Y
7	STD1 460-806463/14	50.0	69.360617	50.0	368981.0	1.387212	Y





# Calibration

/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

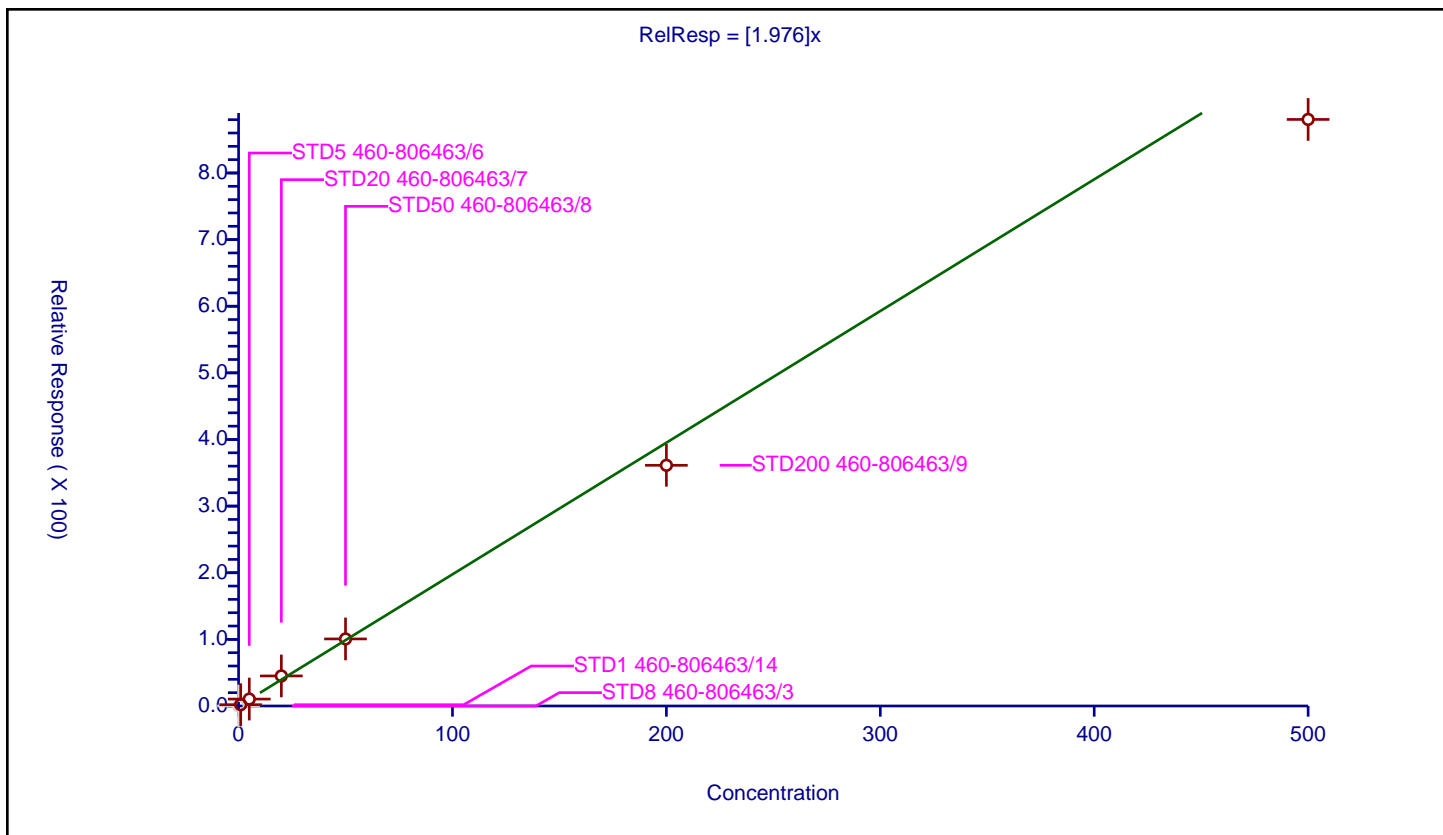
## Curve Coefficients

Intercept: 0  
 Slope: 1.976

## Error Coefficients

Standard Error: 2890000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	1.947797	50.0	368981.0	1.947797	Y
3	STD5 460-806463/6	5.0	10.372333	50.0	305211.0	2.074467	Y
4	STD20 460-806463/7	20.0	45.074708	50.0	302845.0	2.253735	Y
5	STD50 460-806463/8	50.0	100.624286	50.0	338787.0	2.012486	Y
6	STD200 460-806463/9	200.0	361.254871	50.0	295130.0	1.806274	Y
7	STD500 460-806463/10	500.0	880.341642	50.0	344571.0	1.760683	Y



# Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

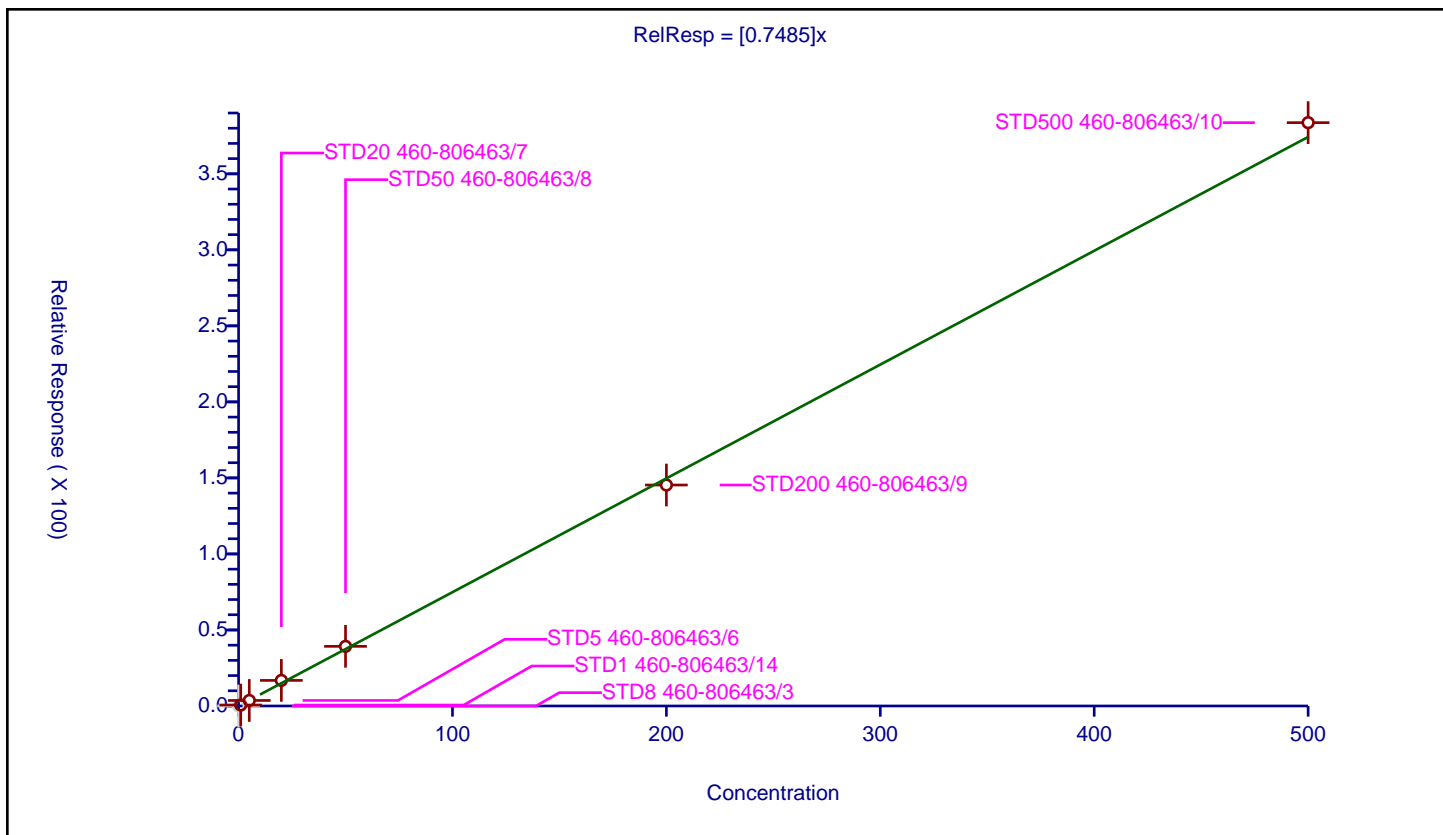
## Curve Coefficients

Intercept: 0  
 Slope: 0.7485

## Error Coefficients

Standard Error: 1250000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.643258	50.0	368981.0	0.643258	Y
3	STD5 460-806463/6	5.0	3.639941	50.0	305211.0	0.727988	Y
4	STD20 460-806463/7	20.0	16.821807	50.0	302845.0	0.84109	Y
5	STD50 460-806463/8	50.0	39.22745	50.0	338787.0	0.784549	Y
6	STD200 460-806463/9	200.0	145.332735	50.0	295130.0	0.726664	Y
7	STD500 460-806463/10	500.0	383.66476	50.0	344571.0	0.76733	Y



# Calibration

/ Ethyl methacrylate

Curve Type: Quadratic  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

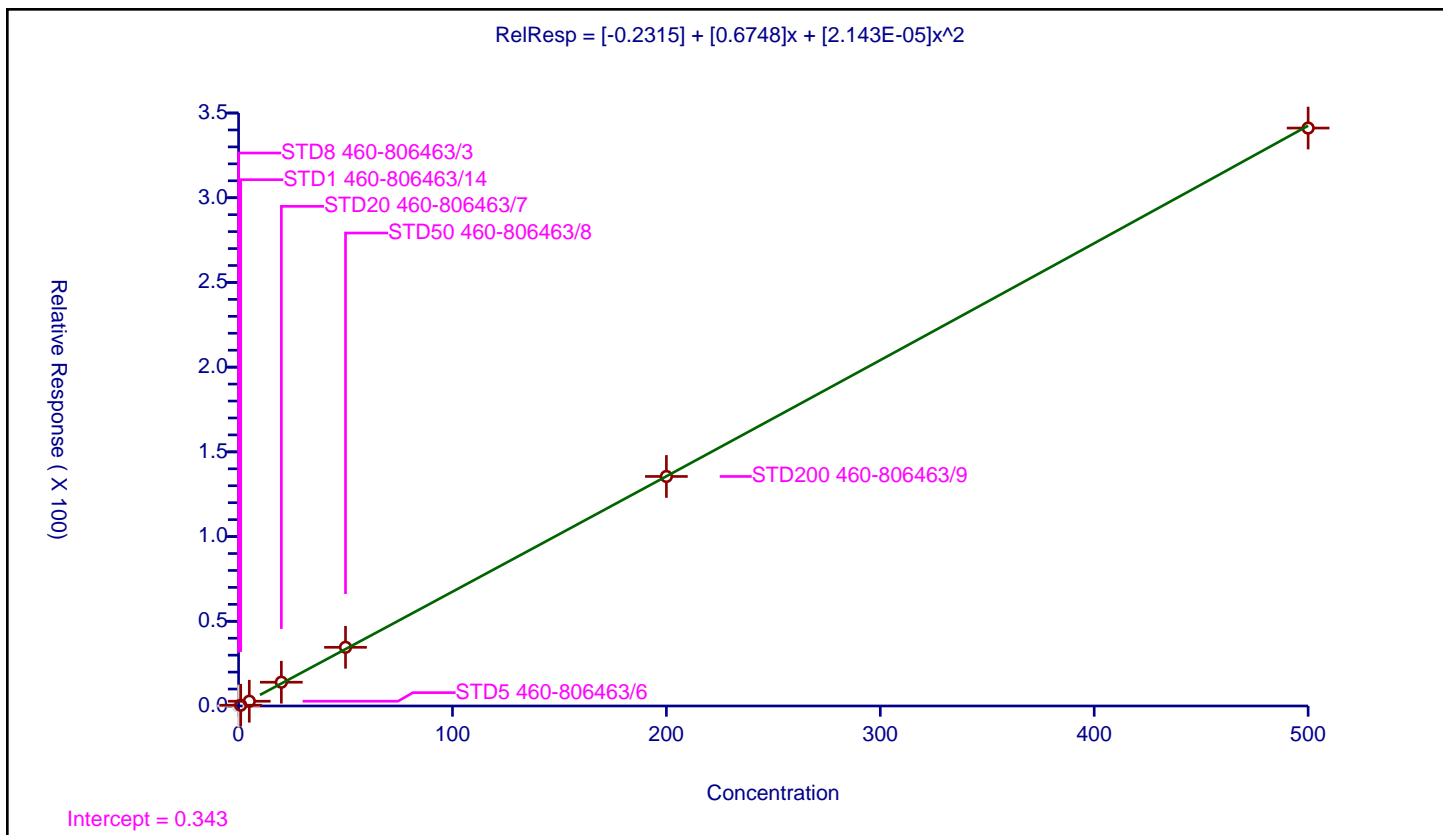
## Curve Coefficients

Intercept: -0.2315  
 Slope: 0.6748  
 Second Order: 2.143E-05

## Error Coefficients

Standard Error: 1440000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.454359	50.0	368981.0	0.454359	Y
3	STD5 460-806463/6	5.0	2.808549	50.0	305211.0	0.56171	Y
4	STD20 460-806463/7	20.0	14.027638	50.0	302845.0	0.701382	Y
5	STD50 460-806463/8	50.0	34.629576	50.0	338787.0	0.692592	Y
6	STD200 460-806463/9	200.0	135.474875	50.0	295130.0	0.677374	Y
7	STD500 460-806463/10	500.0	341.120263	50.0	344571.0	0.682241	Y



# Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

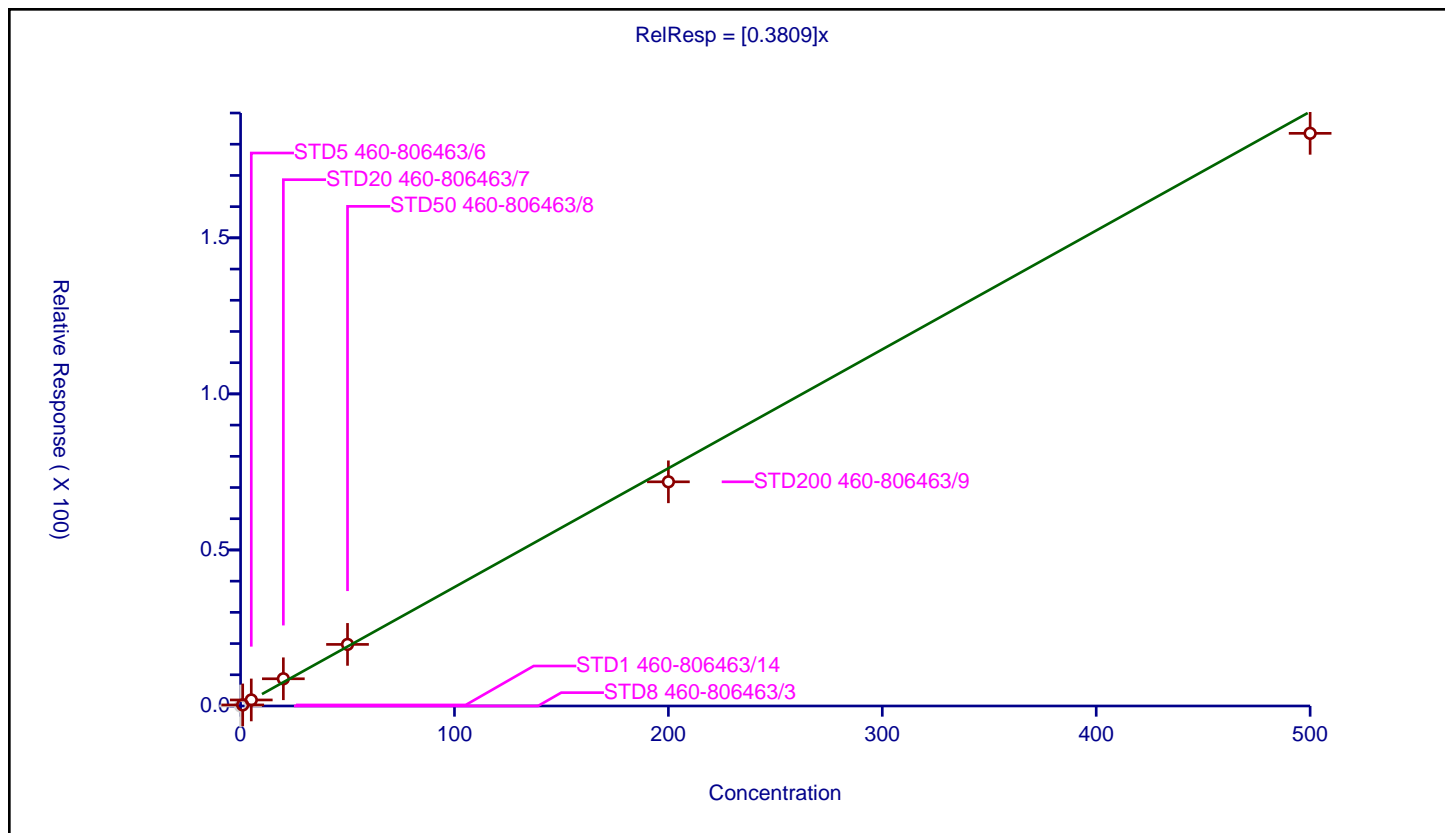
## Curve Coefficients

Intercept: 0  
 Slope: 0.3809

## Error Coefficients

Standard Error: 600000  
 Relative Standard Error: 8.7  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.341074	50.0	368981.0	0.341074	Y
3	STD5 460-806463/6	5.0	1.936857	50.0	305211.0	0.387371	Y
4	STD20 460-806463/7	20.0	8.719147	50.0	302845.0	0.435957	Y
5	STD50 460-806463/8	50.0	19.731572	50.0	338787.0	0.394631	Y
6	STD200 460-806463/9	200.0	71.832582	50.0	295130.0	0.359163	Y
7	STD500 460-806463/10	500.0	183.487293	50.0	344571.0	0.366975	Y



# Calibration

/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

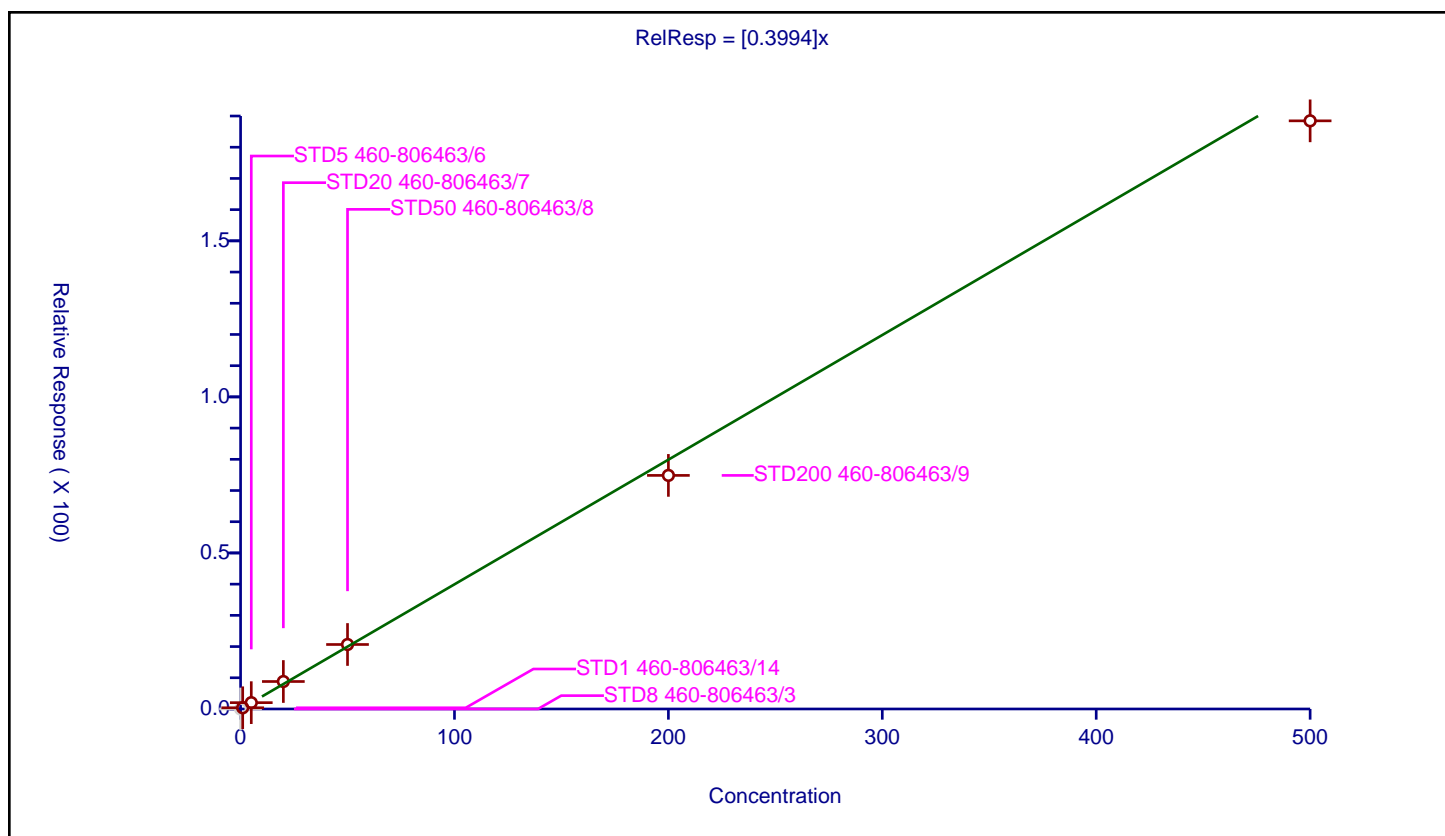
## Curve Coefficients

Intercept: 0  
 Slope: 0.3994

## Error Coefficients

Standard Error: 617000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.38647	50.0	368981.0	0.38647	Y
3	STD5 460-806463/6	5.0	2.026795	50.0	305211.0	0.405359	Y
4	STD20 460-806463/7	20.0	8.807476	50.0	302845.0	0.440374	Y
5	STD50 460-806463/8	50.0	20.660622	50.0	338787.0	0.413212	Y
6	STD200 460-806463/9	200.0	74.848033	50.0	295130.0	0.37424	Y
7	STD500 460-806463/10	500.0	188.449695	50.0	344571.0	0.376899	Y



# Calibration

/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

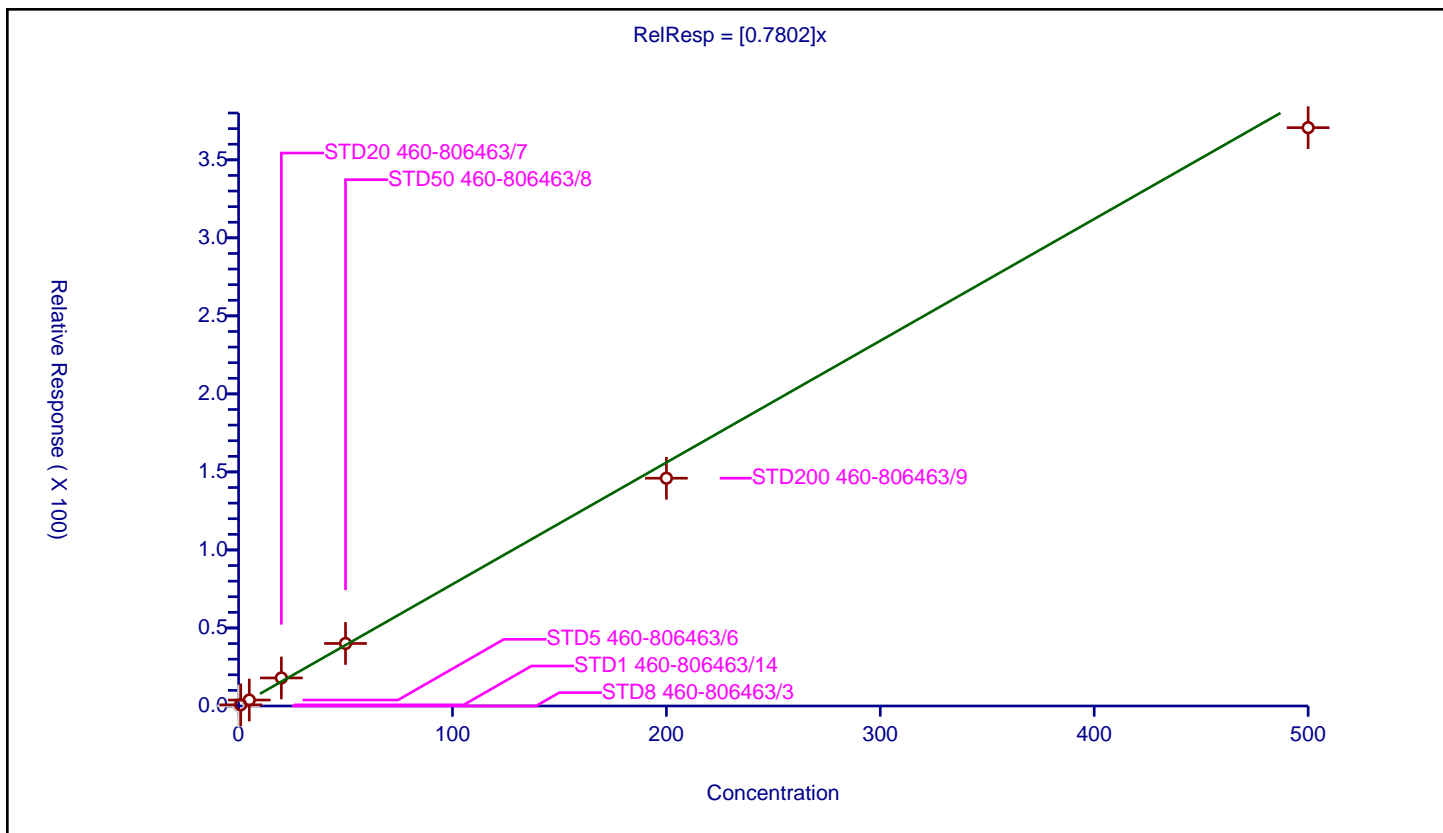
## Curve Coefficients

Intercept: 0  
 Slope: 0.7802

## Error Coefficients

Standard Error: 1210000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.748277	50.0	368981.0	0.748277	Y
3	STD5 460-806463/6	5.0	3.811134	50.0	305211.0	0.762227	Y
4	STD20 460-806463/7	20.0	17.963645	50.0	302845.0	0.898182	Y
5	STD50 460-806463/8	50.0	40.062488	50.0	338787.0	0.80125	Y
6	STD200 460-806463/9	200.0	145.96161	50.0	295130.0	0.729808	Y
7	STD500 460-806463/10	500.0	370.609686	50.0	344571.0	0.741219	Y



# Calibration

/ 2-Hexanone

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

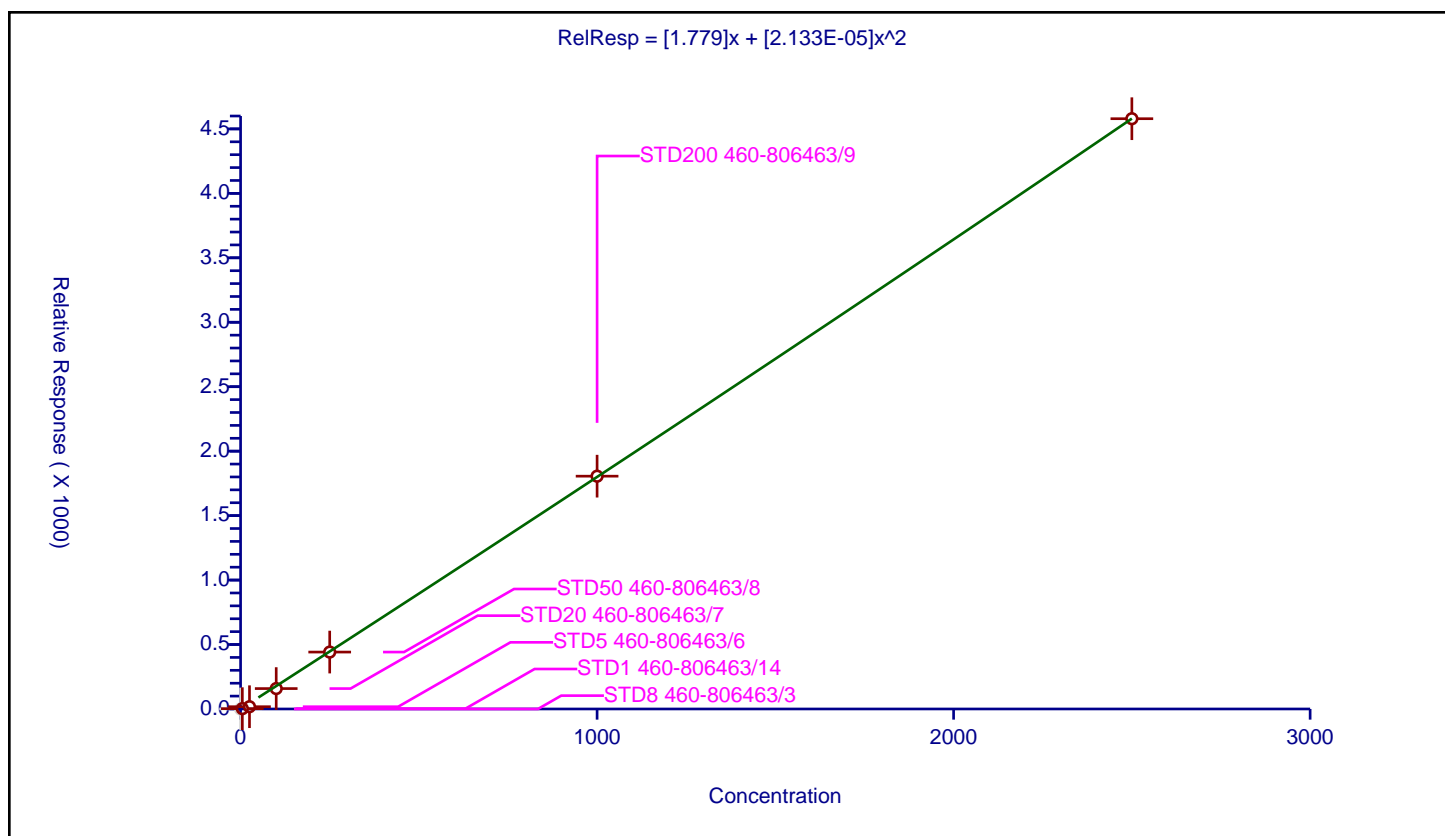
## Curve Coefficients

Intercept: 0  
 Slope: 1.779  
 Second Order: 2.133E-05

## Error Coefficients

Standard Error: 3750000  
 Relative Standard Error: 47.0  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	250.0	362112.0	NaN	N
2	STD1 460-806463/14	5.0	2.554785	250.0	423519.0	0.510957	Y
3	STD5 460-806463/6	25.0	17.604049	250.0	346639.0	0.704162	Y
4	STD20 460-806463/7	100.0	158.378181	250.0	332047.0	1.583782	Y
5	STD50 460-806463/8	250.0	441.555863	250.0	381454.0	1.766223	Y
6	STD200 460-806463/9	1000.0	1805.997396	250.0	336346.0	1.805997	Y
7	STD500 460-806463/10	2500.0	4579.137389	250.0	386246.0	1.831655	Y



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

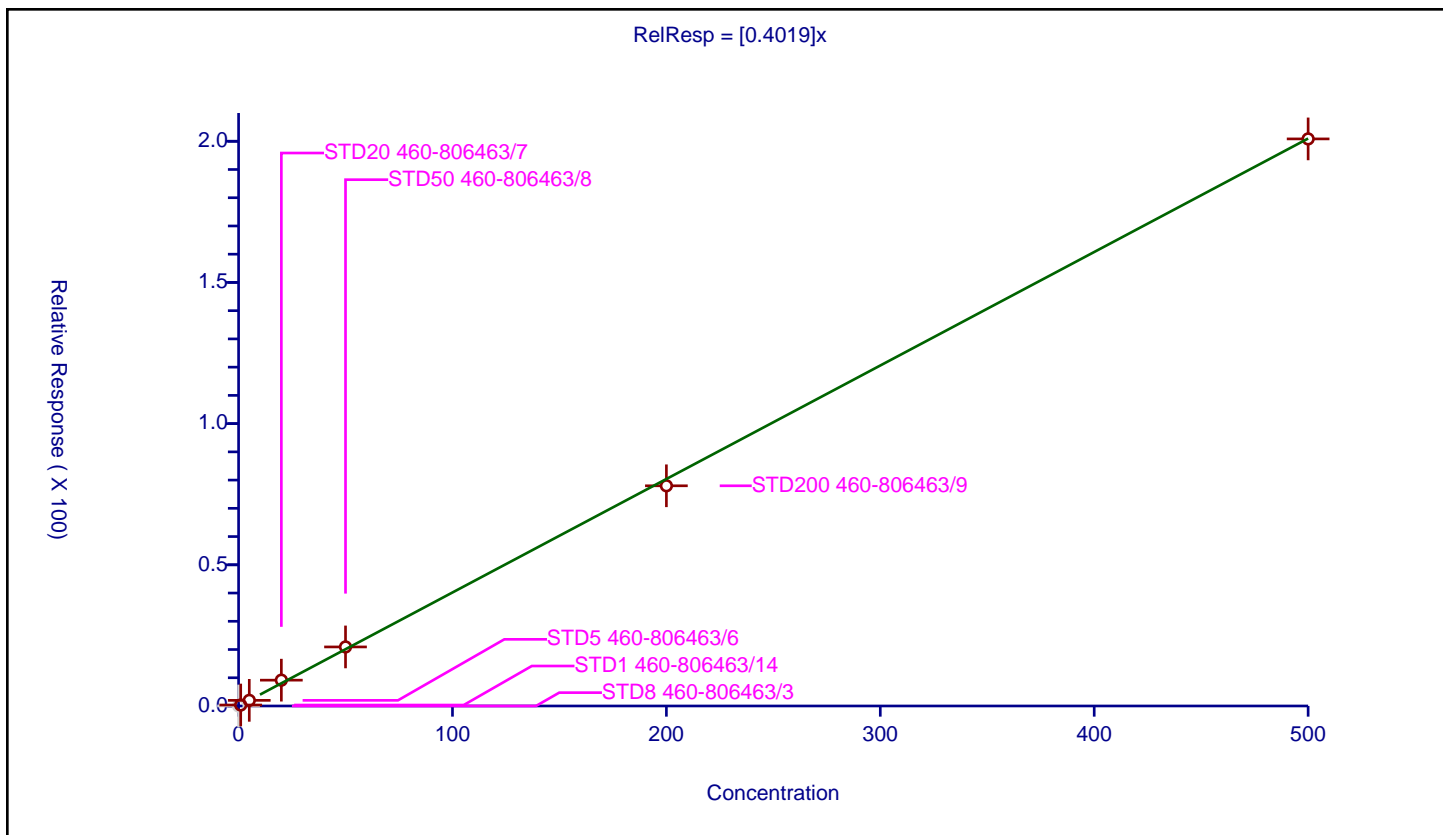
## Curve Coefficients

Intercept: 0  
 Slope: 0.4019

## Error Coefficients

Standard Error: 656000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.344056	50.0	368981.0	0.344056	Y
3	STD5 460-806463/6	5.0	2.001075	50.0	305211.0	0.400215	Y
4	STD20 460-806463/7	20.0	9.15006	50.0	302845.0	0.457503	Y
5	STD50 460-806463/8	50.0	20.913583	50.0	338787.0	0.418272	Y
6	STD200 460-806463/9	200.0	77.982415	50.0	295130.0	0.389912	Y
7	STD500 460-806463/10	500.0	200.831178	50.0	344571.0	0.401662	Y





# Calibration

/ n-Butyl acetate

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

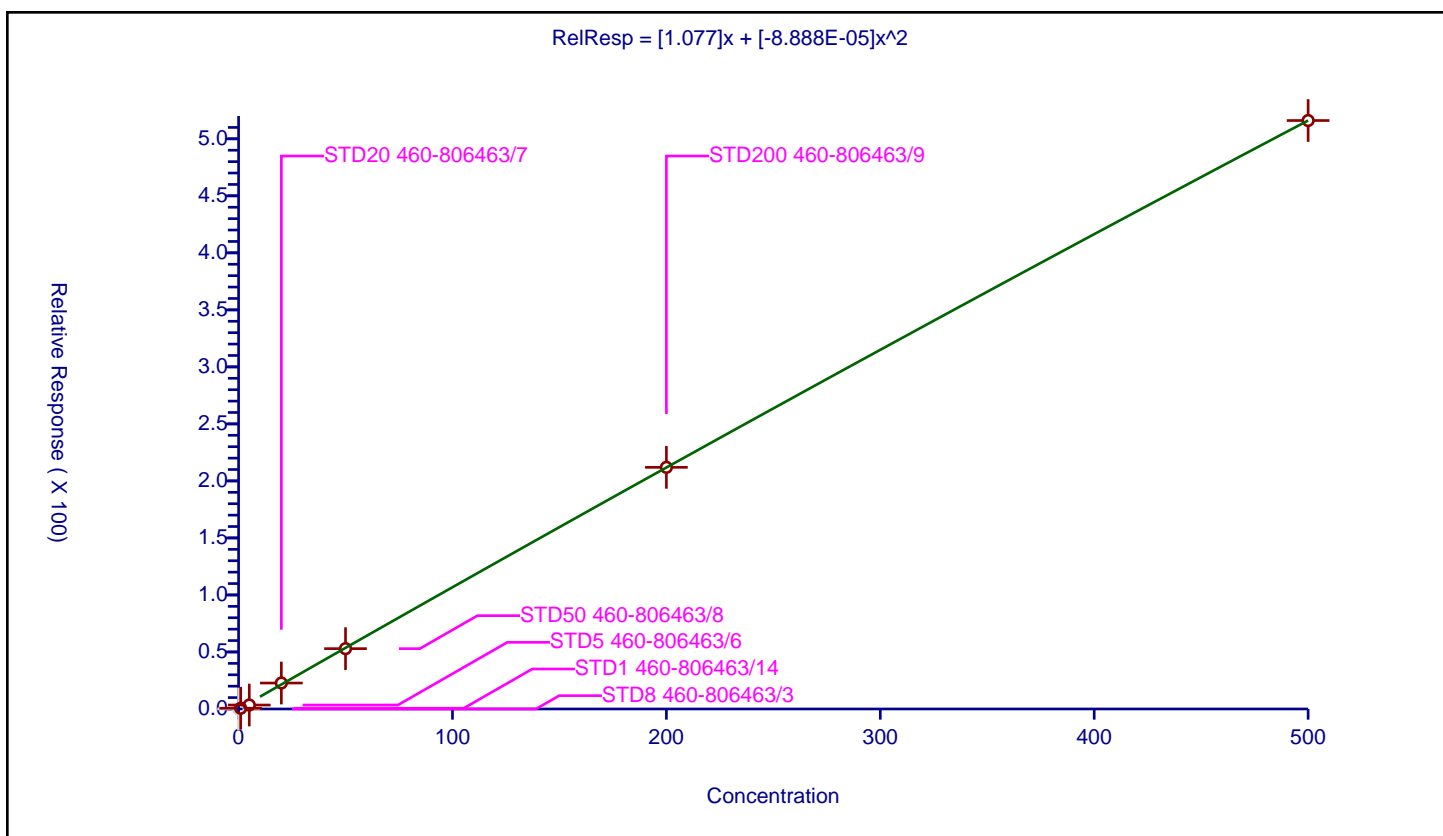
## Curve Coefficients

Intercept: 0  
 Slope: 1.077  
 Second Order: -8.888E-05

## Error Coefficients

Standard Error: 1890000  
 Relative Standard Error: 27.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.631604	50.0	368981.0	0.631604	Y
3	STD5 460-806463/6	5.0	3.470878	50.0	305211.0	0.694176	Y
4	STD20 460-806463/7	20.0	22.756691	50.0	302845.0	1.137835	Y
5	STD50 460-806463/8	50.0	52.904037	50.0	338787.0	1.058081	Y
6	STD200 460-806463/9	200.0	211.898147	50.0	295130.0	1.059491	Y
7	STD500 460-806463/10	500.0	516.036608	50.0	344571.0	1.032073	Y



# Calibration

/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

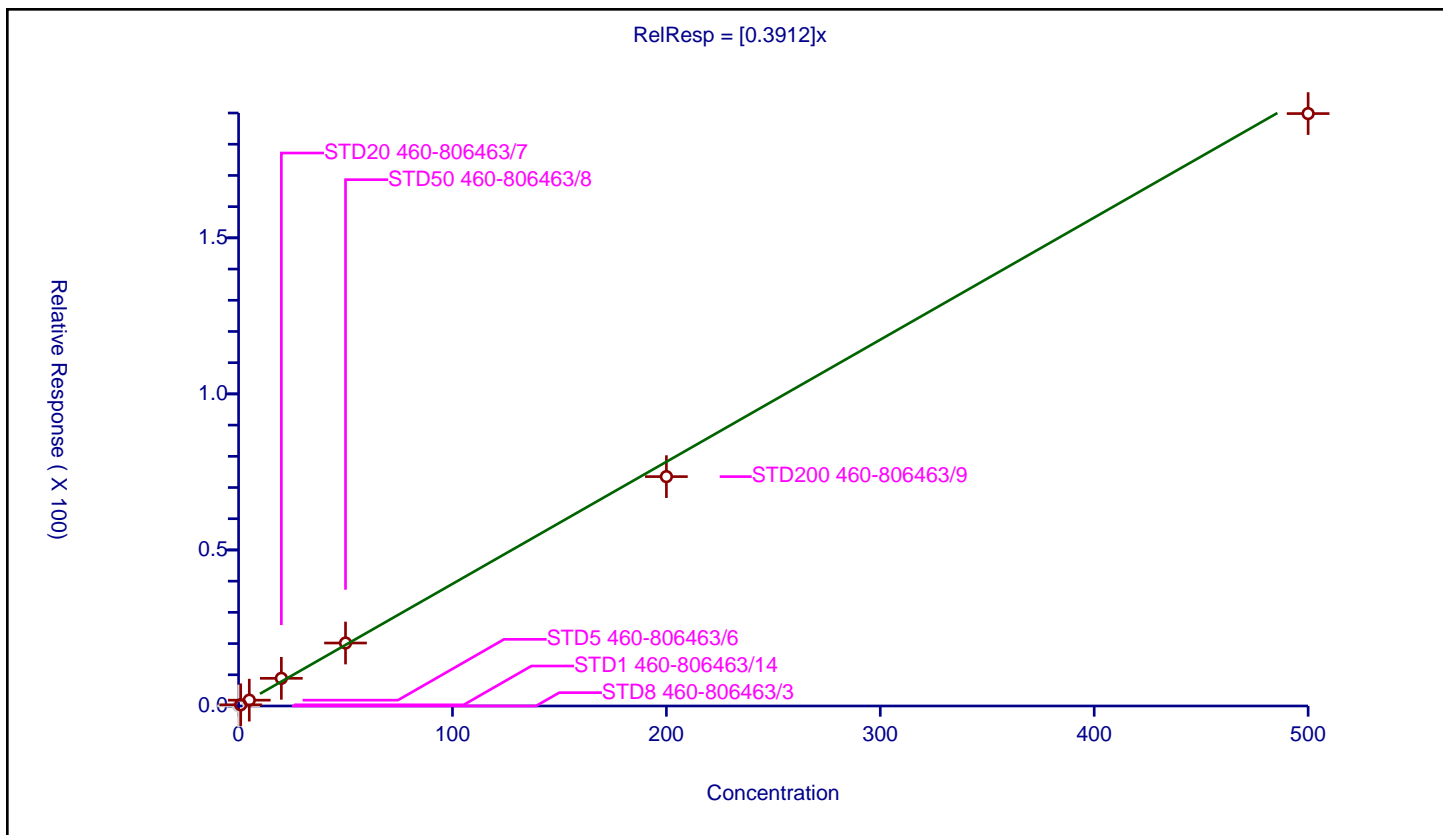
## Curve Coefficients

Intercept: 0  
 Slope: 0.3912

## Error Coefficients

Standard Error: 620000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.380778	50.0	368981.0	0.380778	Y
3	STD5 460-806463/6	5.0	1.86412	50.0	305211.0	0.372824	Y
4	STD20 460-806463/7	20.0	8.86361	50.0	302845.0	0.443181	Y
5	STD50 460-806463/8	50.0	20.177575	50.0	338787.0	0.403551	Y
6	STD200 460-806463/9	200.0	73.495917	50.0	295130.0	0.36748	Y
7	STD500 460-806463/10	500.0	189.819224	50.0	344571.0	0.379638	Y



# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

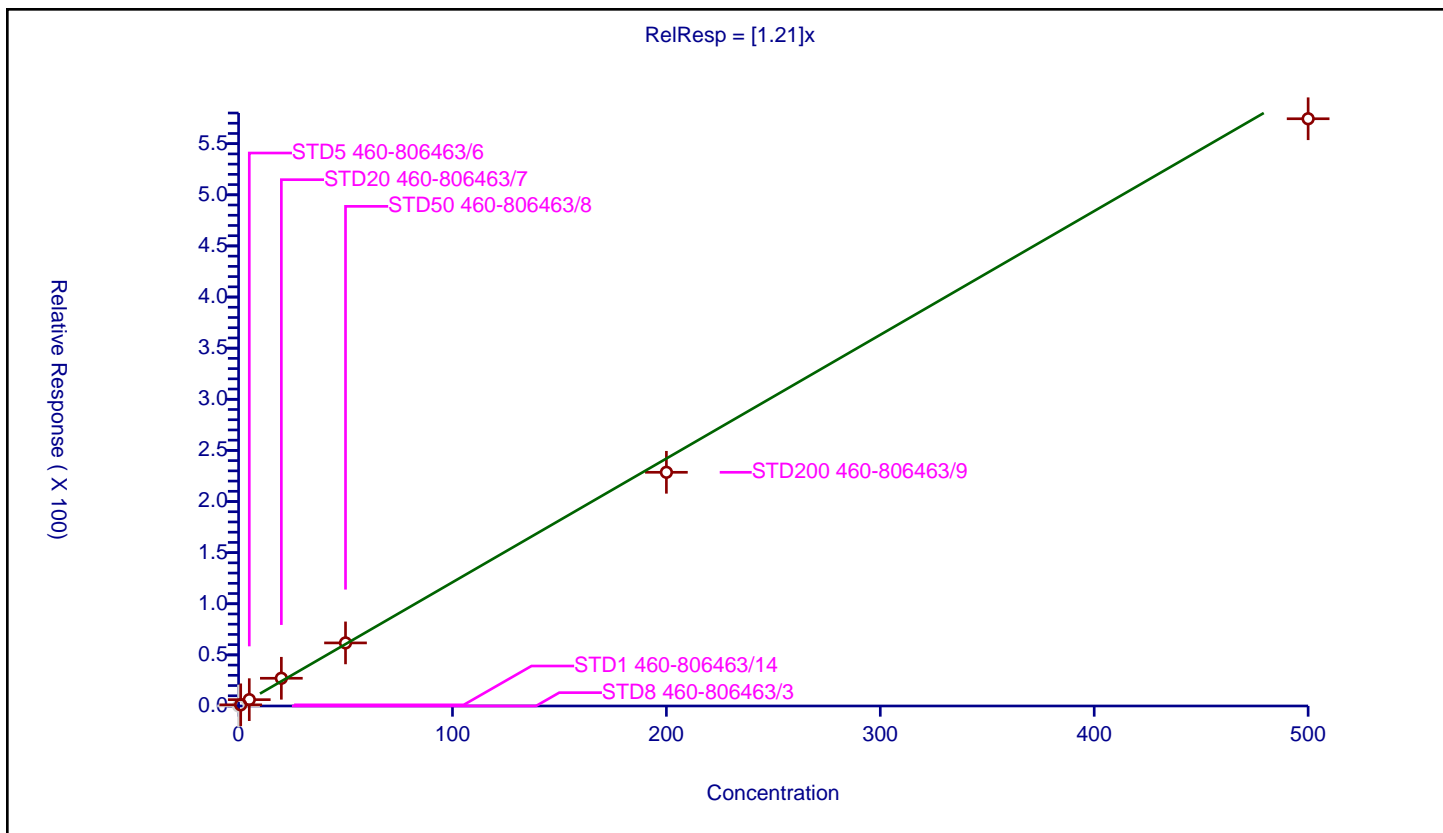
## Curve Coefficients

Intercept: 0  
 Slope: 1.21

## Error Coefficients

Standard Error: 1880000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	1.138812	50.0	368981.0	1.138812	Y
3	STD5 460-806463/6	5.0	6.203413	50.0	305211.0	1.240683	Y
4	STD20 460-806463/7	20.0	27.121465	50.0	302845.0	1.356073	Y
5	STD50 460-806463/8	50.0	61.69732	50.0	338787.0	1.233946	Y
6	STD200 460-806463/9	200.0	228.579609	50.0	295130.0	1.142898	Y
7	STD500 460-806463/10	500.0	574.389023	50.0	344571.0	1.148778	Y



# Calibration

/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

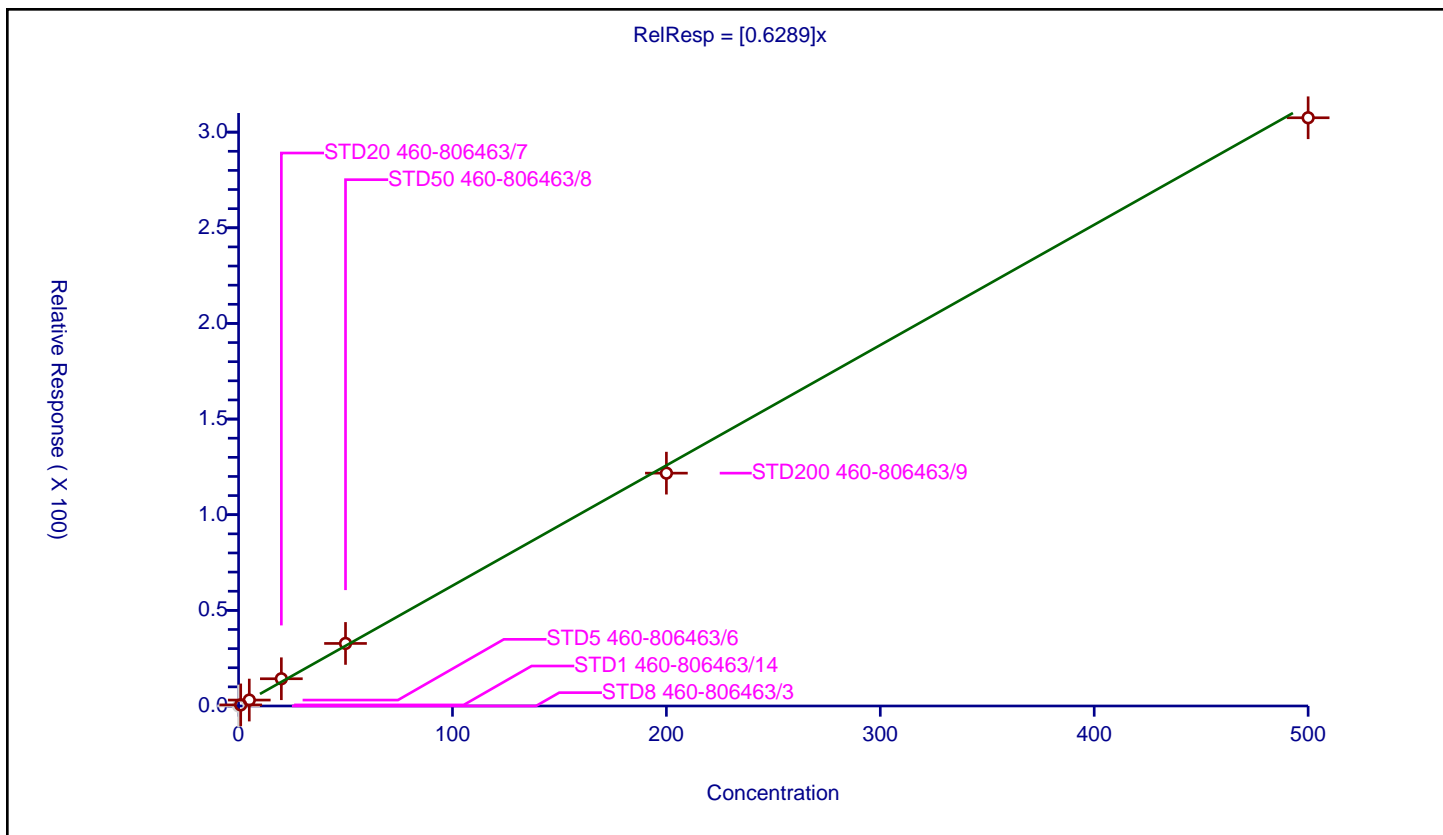
## Curve Coefficients

Intercept: 0  
 Slope: 0.6289

## Error Coefficients

Standard Error: 1010000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.56507	50.0	368981.0	0.56507	Y
3	STD5 460-806463/6	5.0	3.0954	50.0	305211.0	0.61908	Y
4	STD20 460-806463/7	20.0	14.237811	50.0	302845.0	0.711891	Y
5	STD50 460-806463/8	50.0	32.695765	50.0	338787.0	0.653915	Y
6	STD200 460-806463/9	200.0	121.72568	50.0	295130.0	0.608628	Y
7	STD500 460-806463/10	500.0	307.521382	50.0	344571.0	0.615043	Y



# Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

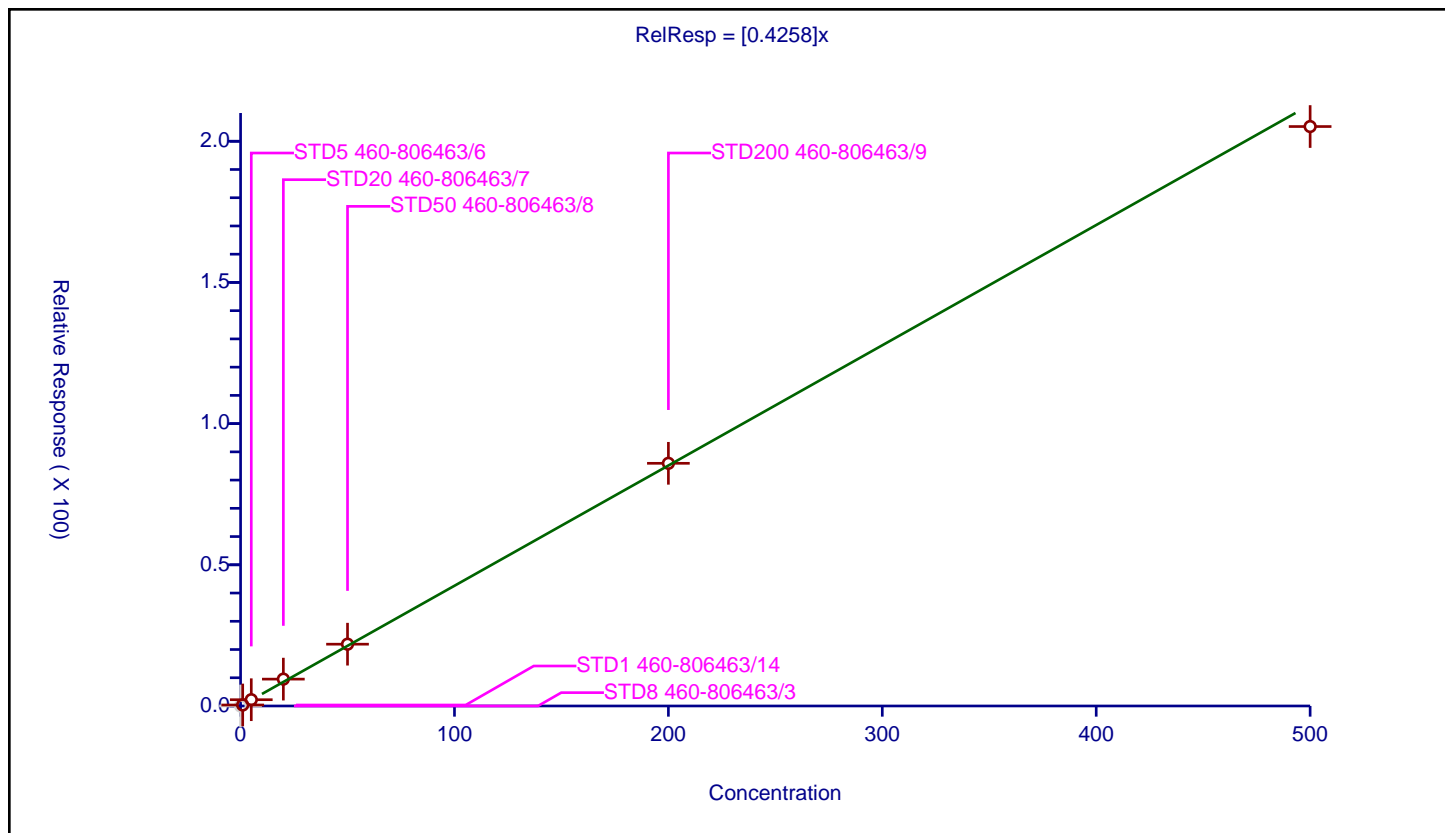
## Curve Coefficients

Intercept: 0  
 Slope: 0.4258

## Error Coefficients

Standard Error: 676000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.355845	50.0	368981.0	0.355845	Y
3	STD5 460-806463/6	5.0	2.226492	50.0	305211.0	0.445298	Y
4	STD20 460-806463/7	20.0	9.51807	50.0	302845.0	0.475904	Y
5	STD50 460-806463/8	50.0	21.887499	50.0	338787.0	0.43775	Y
6	STD200 460-806463/9	200.0	85.940772	50.0	295130.0	0.429704	Y
7	STD500 460-806463/10	500.0	205.209086	50.0	344571.0	0.410418	Y



# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

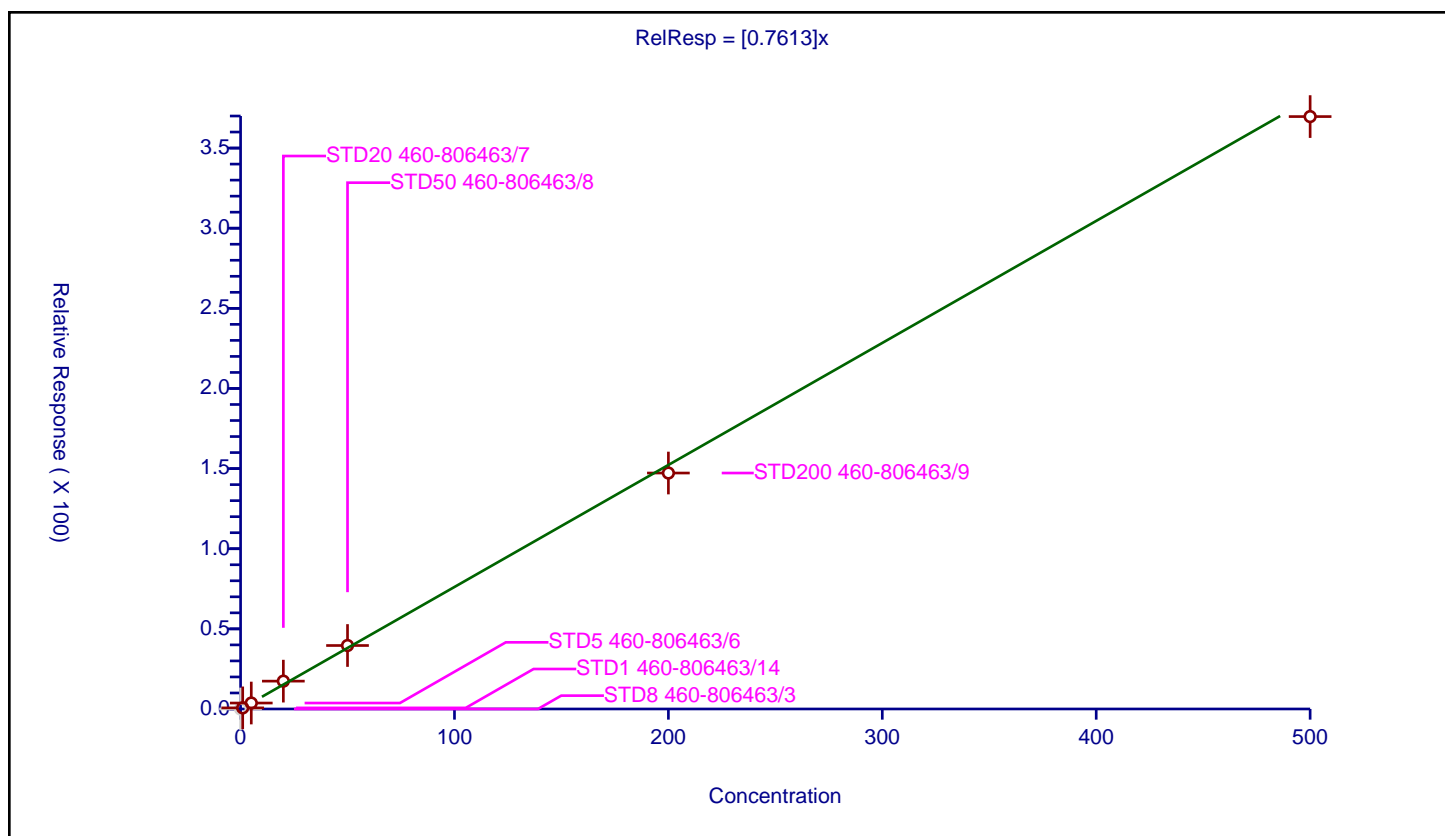
## Curve Coefficients

Intercept: 0  
 Slope: 0.7613

## Error Coefficients

Standard Error: 1210000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.687569	50.0	368981.0	0.687569	Y
3	STD5 460-806463/6	5.0	3.72136	50.0	305211.0	0.744272	Y
4	STD20 460-806463/7	20.0	17.371593	50.0	302845.0	0.86858	Y
5	STD50 460-806463/8	50.0	39.609843	50.0	338787.0	0.792197	Y
6	STD200 460-806463/9	200.0	147.226815	50.0	295130.0	0.736134	Y
7	STD500 460-806463/10	500.0	369.645588	50.0	344571.0	0.739291	Y



# Calibration

/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

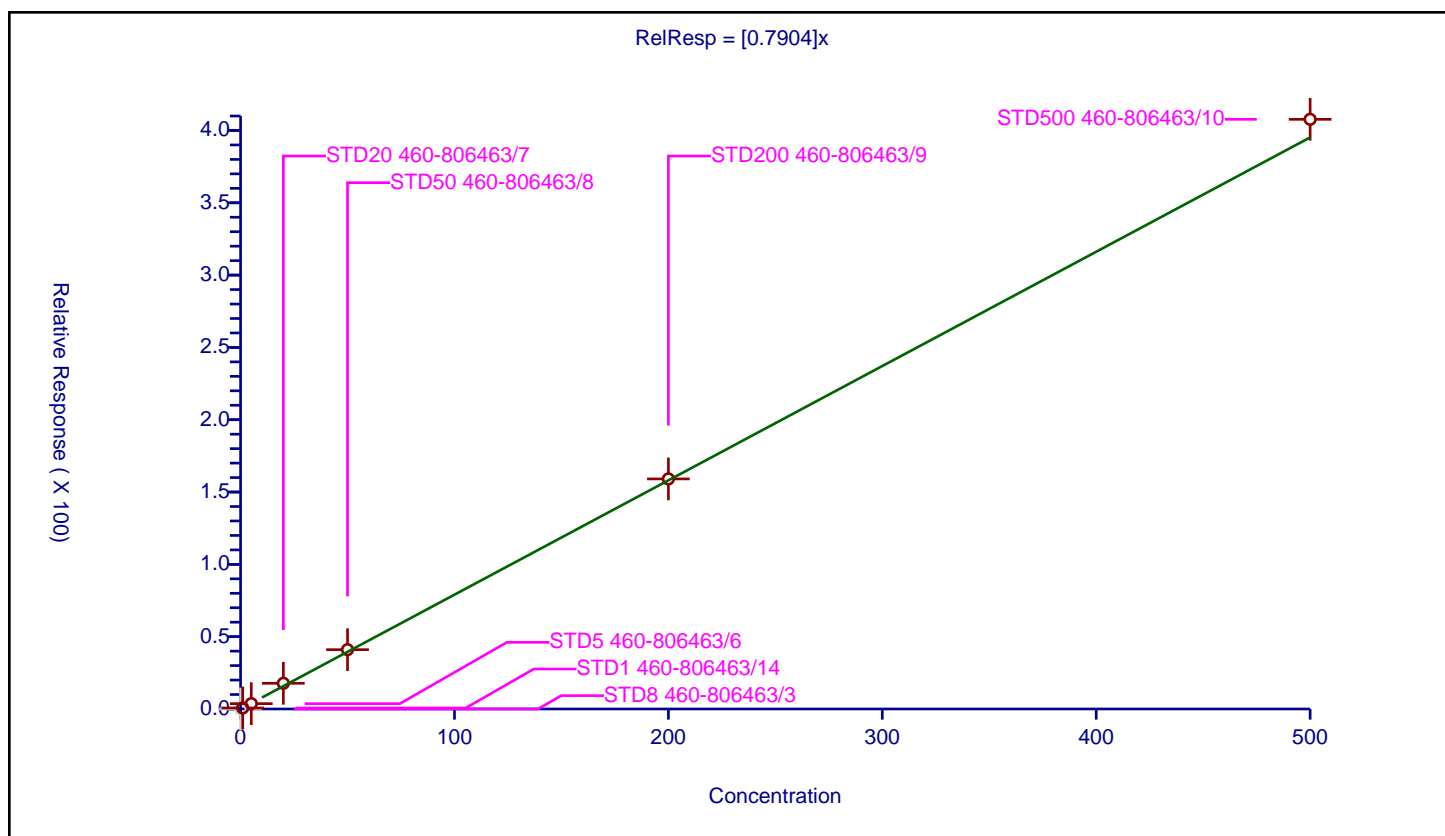
## Curve Coefficients

Intercept: 0  
 Slope: 0.7904

## Error Coefficients

Standard Error: 1330000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.682826	50.0	368981.0	0.682826	Y
3	STD5 460-806463/6	5.0	3.698589	50.0	305211.0	0.739718	Y
4	STD20 460-806463/7	20.0	17.769486	50.0	302845.0	0.888474	Y
5	STD50 460-806463/8	50.0	41.023859	50.0	338787.0	0.820477	Y
6	STD200 460-806463/9	200.0	159.072781	50.0	295130.0	0.795364	Y
7	STD500 460-806463/10	500.0	407.715391	50.0	344571.0	0.815431	Y



# Calibration

/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

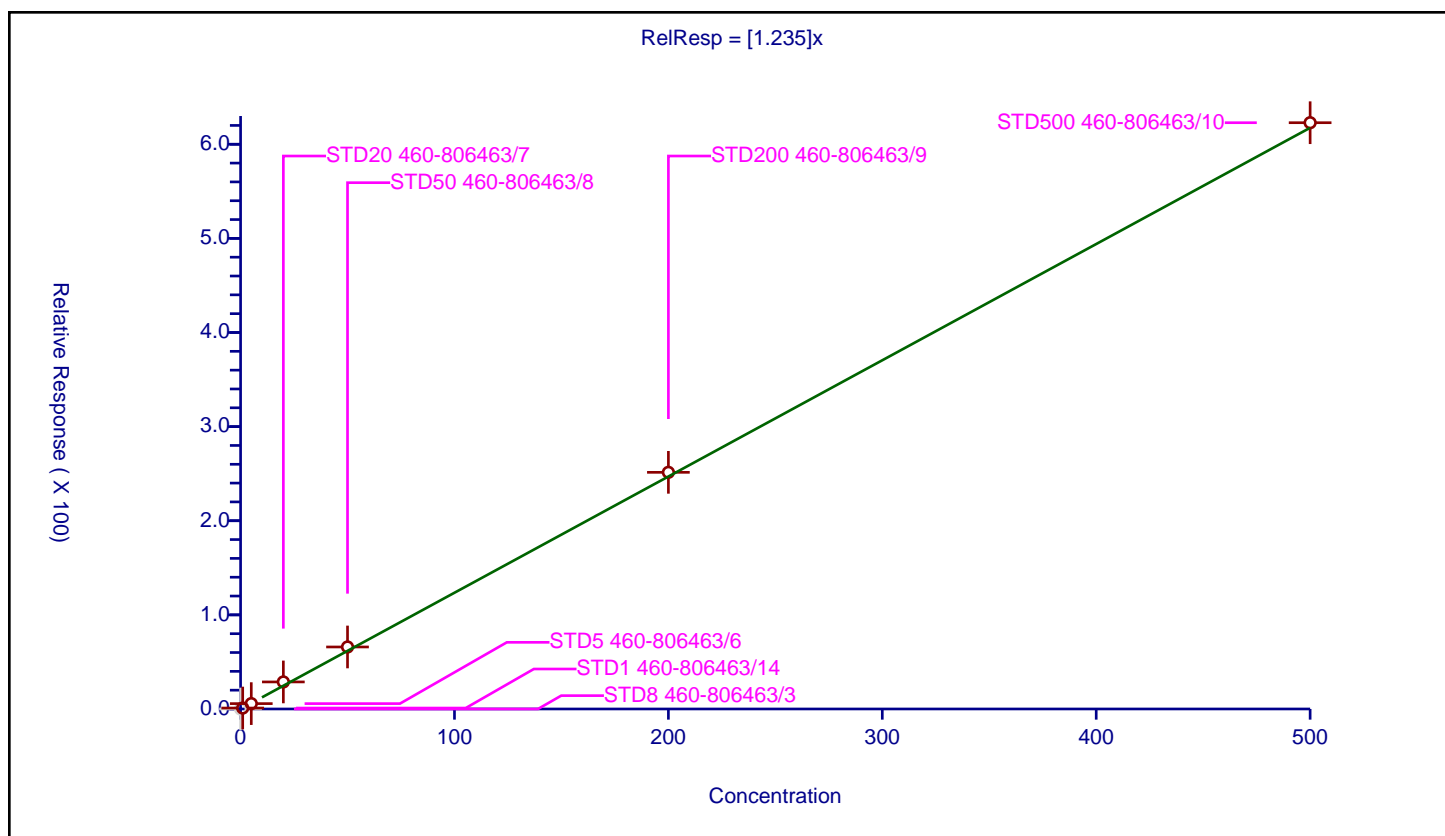
## Curve Coefficients

Intercept: 0  
 Slope: 1.235

## Error Coefficients

Standard Error: 2040000  
 Relative Standard Error: 11.8  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	1.012518	50.0	368981.0	1.012518	Y
3	STD5 460-806463/6	5.0	5.699172	50.0	305211.0	1.139834	Y
4	STD20 460-806463/7	20.0	28.739289	50.0	302845.0	1.436964	Y
5	STD50 460-806463/8	50.0	65.882103	50.0	338787.0	1.317642	Y
6	STD200 460-806463/9	200.0	251.429878	50.0	295130.0	1.257149	Y
7	STD500 460-806463/10	500.0	622.888606	50.0	344571.0	1.245777	Y





# Calibration

/ n-Butyl acrylate

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

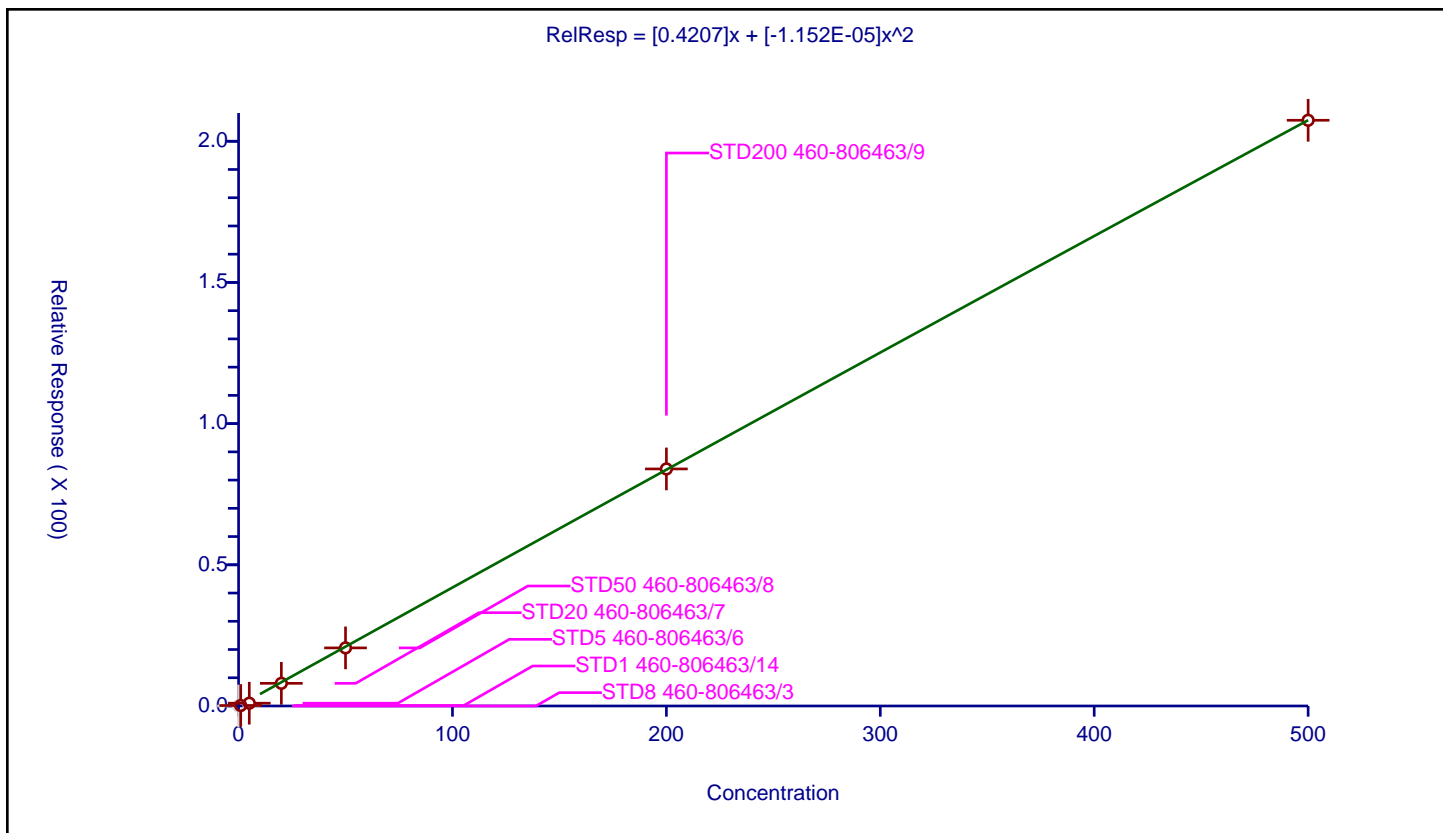
## Curve Coefficients

Intercept: 0  
 Slope: 0.4207  
 Second Order: -1.152E-05

## Error Coefficients

Standard Error: 760000  
 Relative Standard Error: 40.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.163288	50.0	368981.0	0.163288	Y
3	STD5 460-806463/6	5.0	0.991118	50.0	305211.0	0.198224	Y
4	STD20 460-806463/7	20.0	8.021925	50.0	302845.0	0.401096	Y
5	STD50 460-806463/8	50.0	20.57148	50.0	338787.0	0.41143	Y
6	STD200 460-806463/9	200.0	83.949954	50.0	295130.0	0.41975	Y
7	STD500 460-806463/10	500.0	207.426916	50.0	344571.0	0.414854	Y



# Calibration

/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

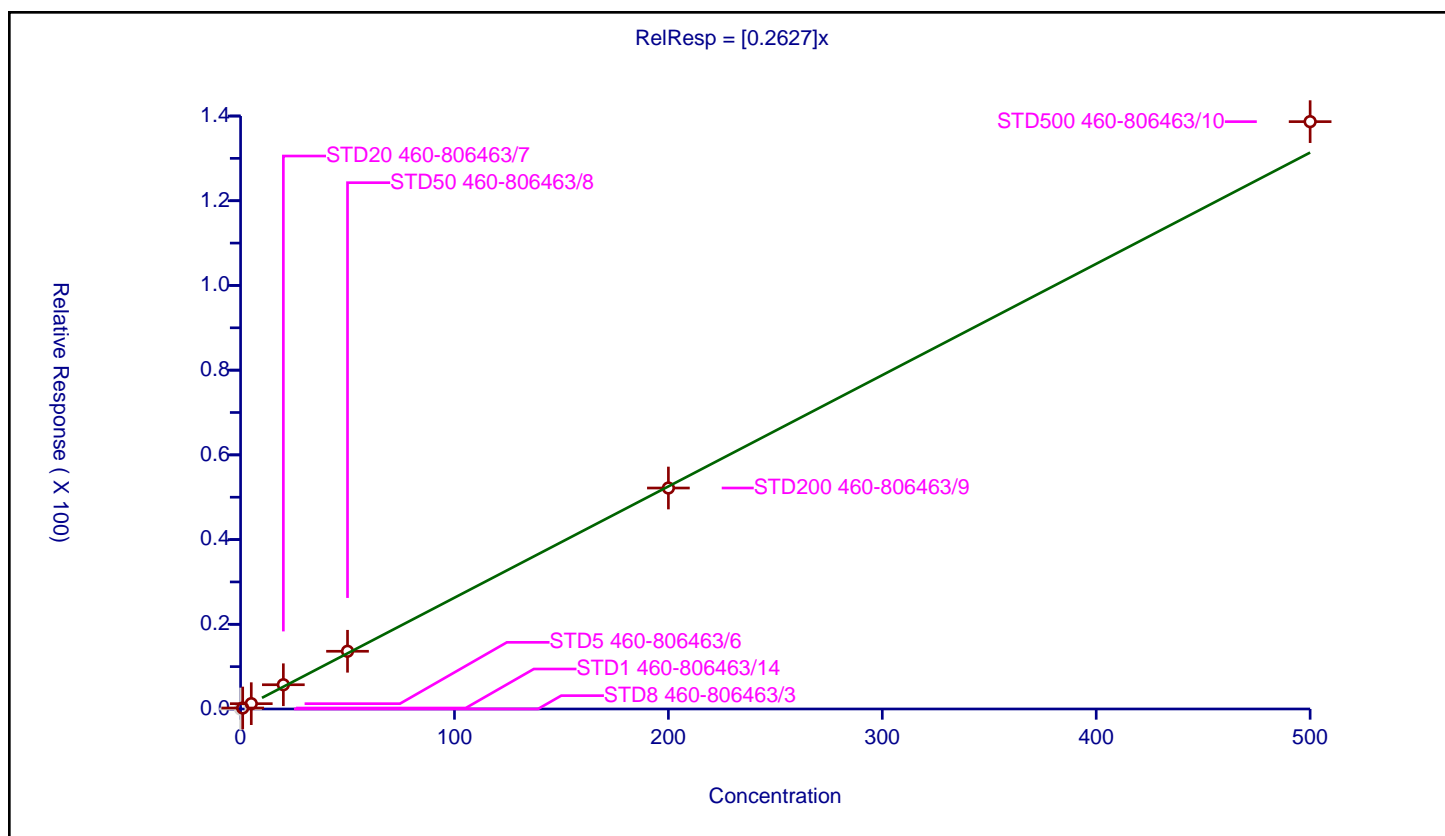
## Curve Coefficients

Intercept: 0  
 Slope: 0.2627

## Error Coefficients

Standard Error: 451000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	0.22779	50.0	368981.0	0.22779	Y
3	STD5 460-806463/6	5.0	1.258146	50.0	305211.0	0.251629	Y
4	STD20 460-806463/7	20.0	5.725866	50.0	302845.0	0.286293	Y
5	STD50 460-806463/8	50.0	13.628032	50.0	338787.0	0.272561	Y
6	STD200 460-806463/9	200.0	52.172602	50.0	295130.0	0.260863	Y
7	STD500 460-806463/10	500.0	138.672001	50.0	344571.0	0.277344	Y



# Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

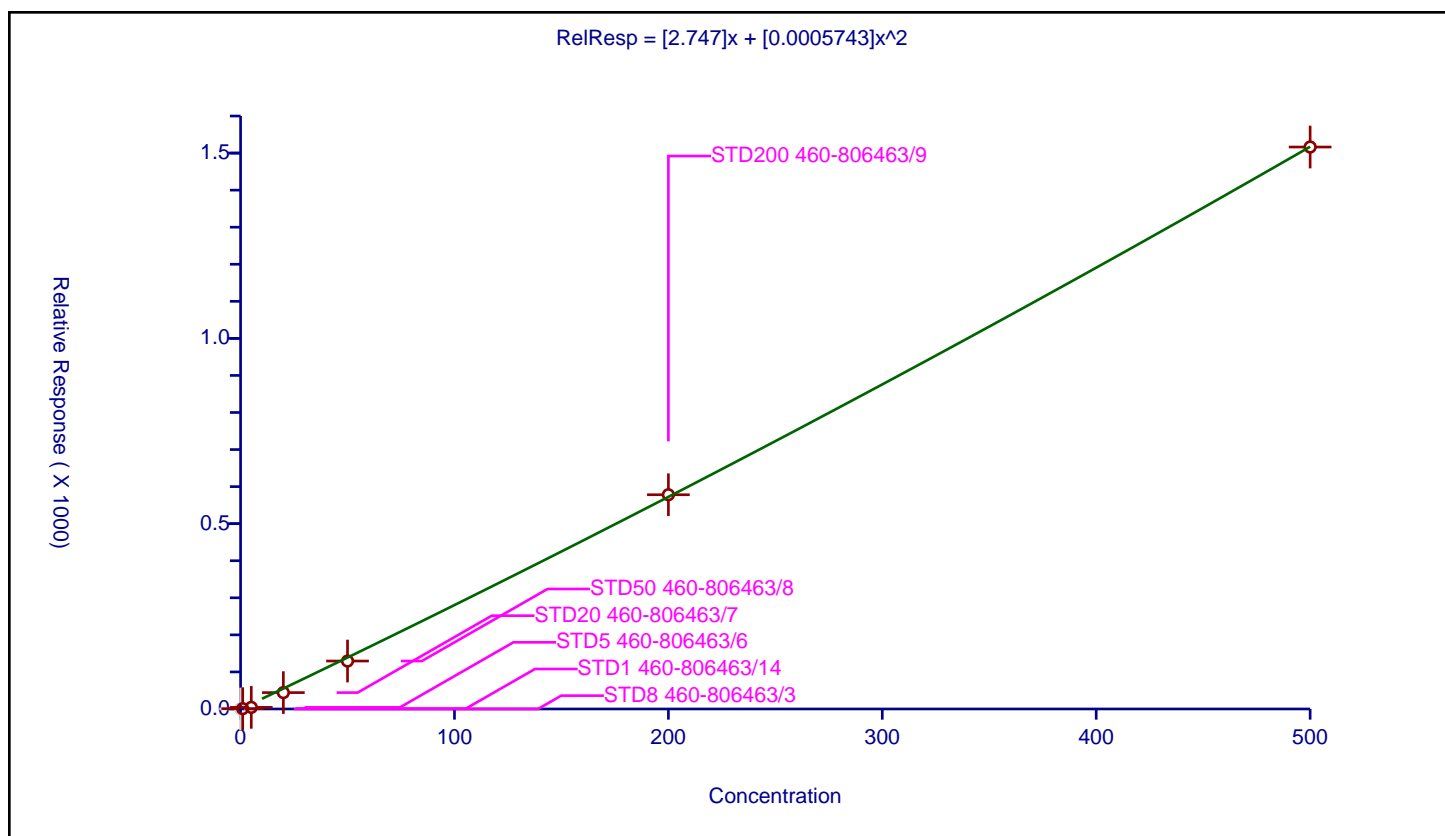
## Curve Coefficients

Intercept: 0  
 Slope: 2.747  
 Second Order: 0.0005743

## Error Coefficients

Standard Error: 2400000  
 Relative Standard Error: 50.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	0.831816	50.0	185618.0	0.831816	Y
3	STD5 460-806463/6	5.0	4.322401	50.0	157667.0	0.86448	Y
4	STD20 460-806463/7	20.0	44.18427	50.0	153850.0	2.209214	Y
5	STD50 460-806463/8	50.0	129.390743	50.0	166071.0	2.587815	Y
6	STD200 460-806463/9	200.0	578.078457	50.0	133679.0	2.890392	Y
7	STD500 460-806463/10	500.0	1516.326524	50.0	148908.0	3.032653	Y



# Calibration

/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

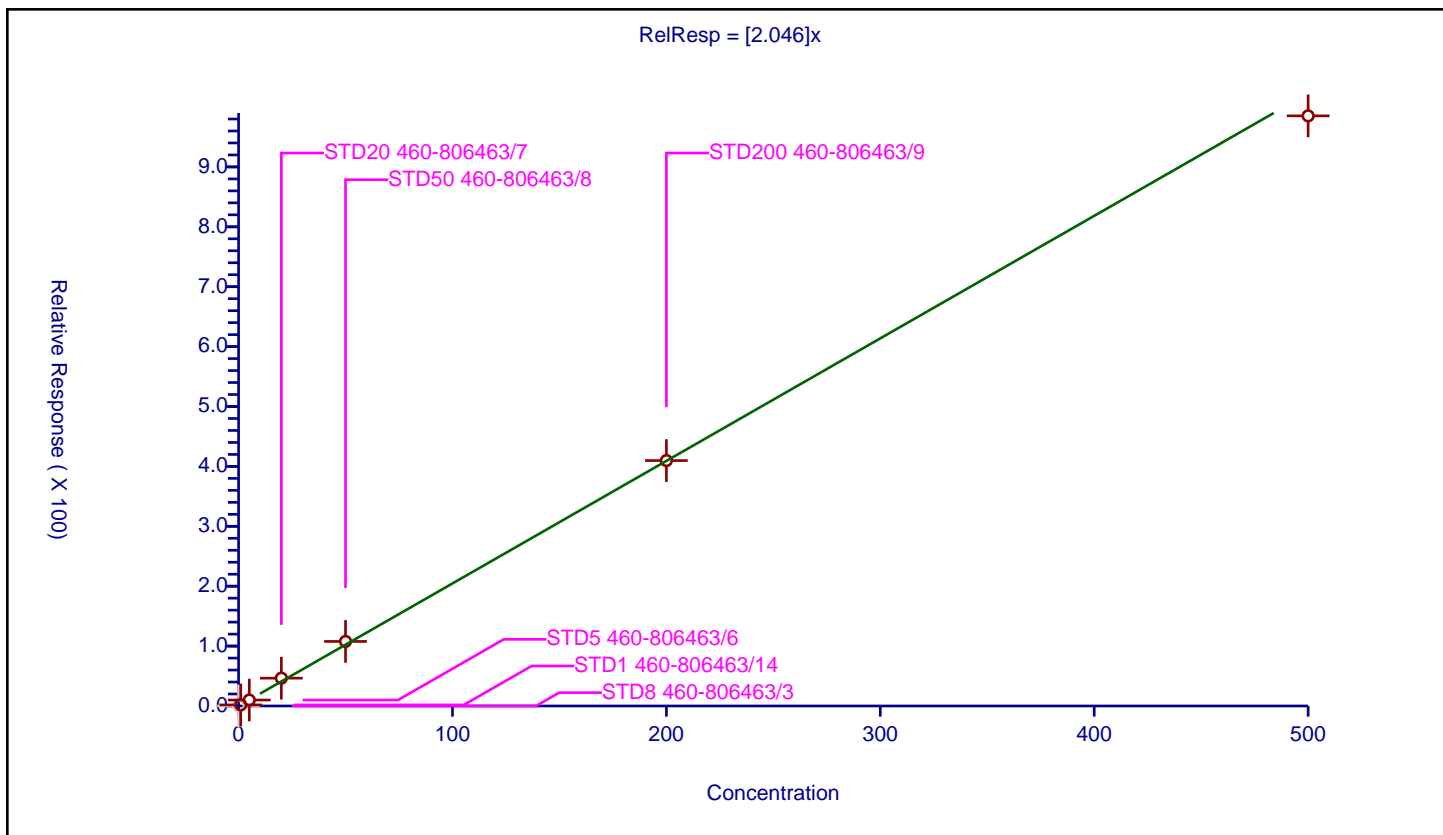
## Curve Coefficients

Intercept: 0  
 Slope: 2.046

## Error Coefficients

Standard Error: 3240000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	327306.0	NaN	N
2	STD1 460-806463/14	1.0	1.787626	50.0	368981.0	1.787626	Y
3	STD5 460-806463/6	5.0	9.948691	50.0	305211.0	1.989738	Y
4	STD20 460-806463/7	20.0	46.448843	50.0	302845.0	2.322442	Y
5	STD50 460-806463/8	50.0	107.783357	50.0	338787.0	2.155667	Y
6	STD200 460-806463/9	200.0	409.75892	50.0	295130.0	2.048795	Y
7	STD500 460-806463/10	500.0	985.224816	50.0	344571.0	1.97045	Y



# Calibration

/ 4-Bromofluorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

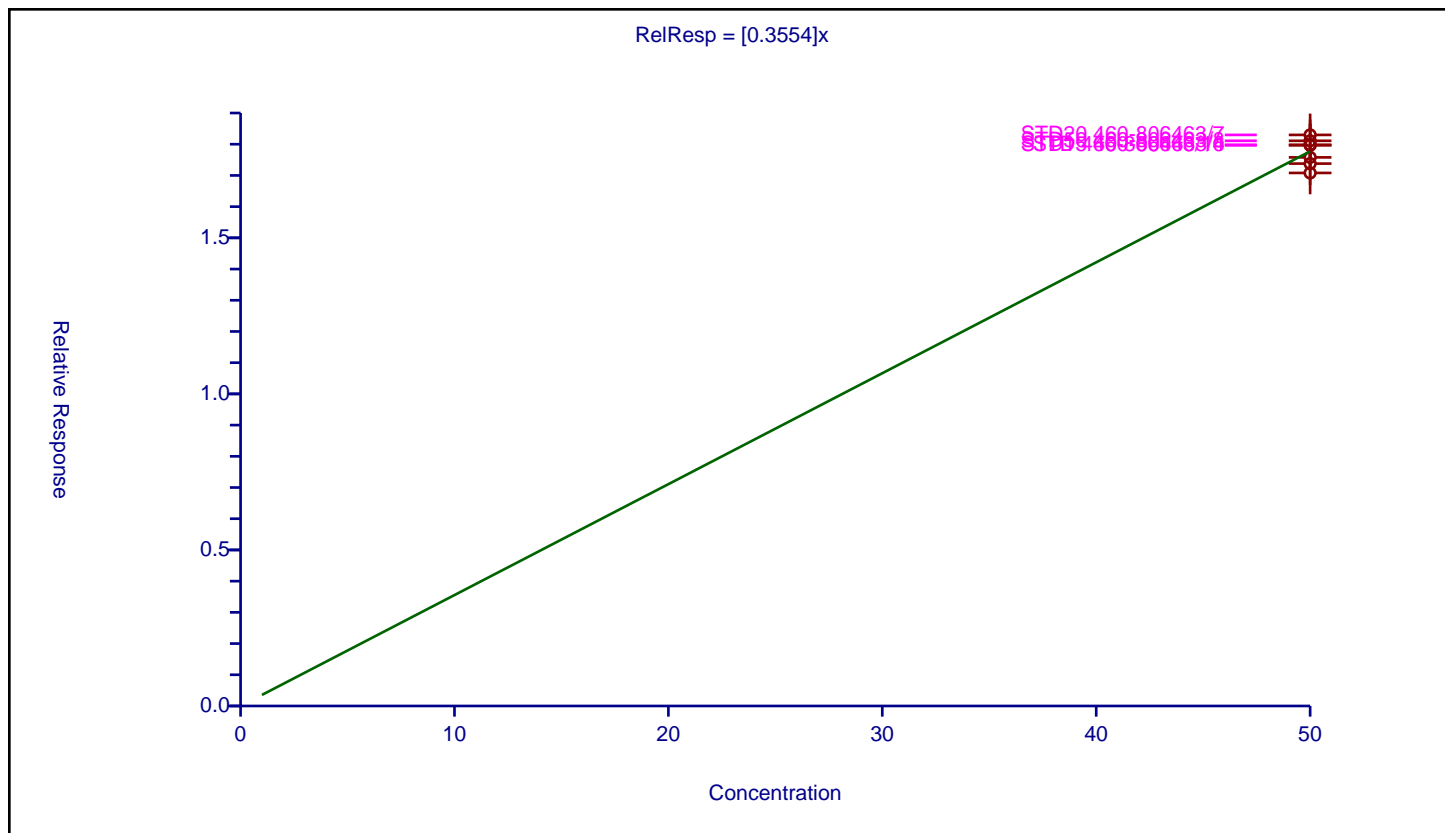
## Curve Coefficients

Intercept: 0  
 Slope: 0.3554

## Error Coefficients

Standard Error: 126000  
 Relative Standard Error: 2.5  
 Correlation Coefficient: 0.00000000000000000000  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	50.0	17.37915	50.0	327306.0	0.347583	Y
2	STD5 460-806463/6	50.0	17.964457	50.0	305211.0	0.359289	Y
3	STD20 460-806463/7	50.0	18.298139	50.0	302845.0	0.365963	Y
4	STD50 460-806463/8	50.0	18.109904	50.0	338787.0	0.362198	Y
5	STD200 460-806463/9	50.0	17.578186	50.0	295130.0	0.351564	Y
6	STD500 460-806463/10	50.0	17.079644	50.0	344571.0	0.341593	Y
7	STD1 460-806463/14	50.0	17.983446	50.0	368981.0	0.359669	Y



# Calibration

/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

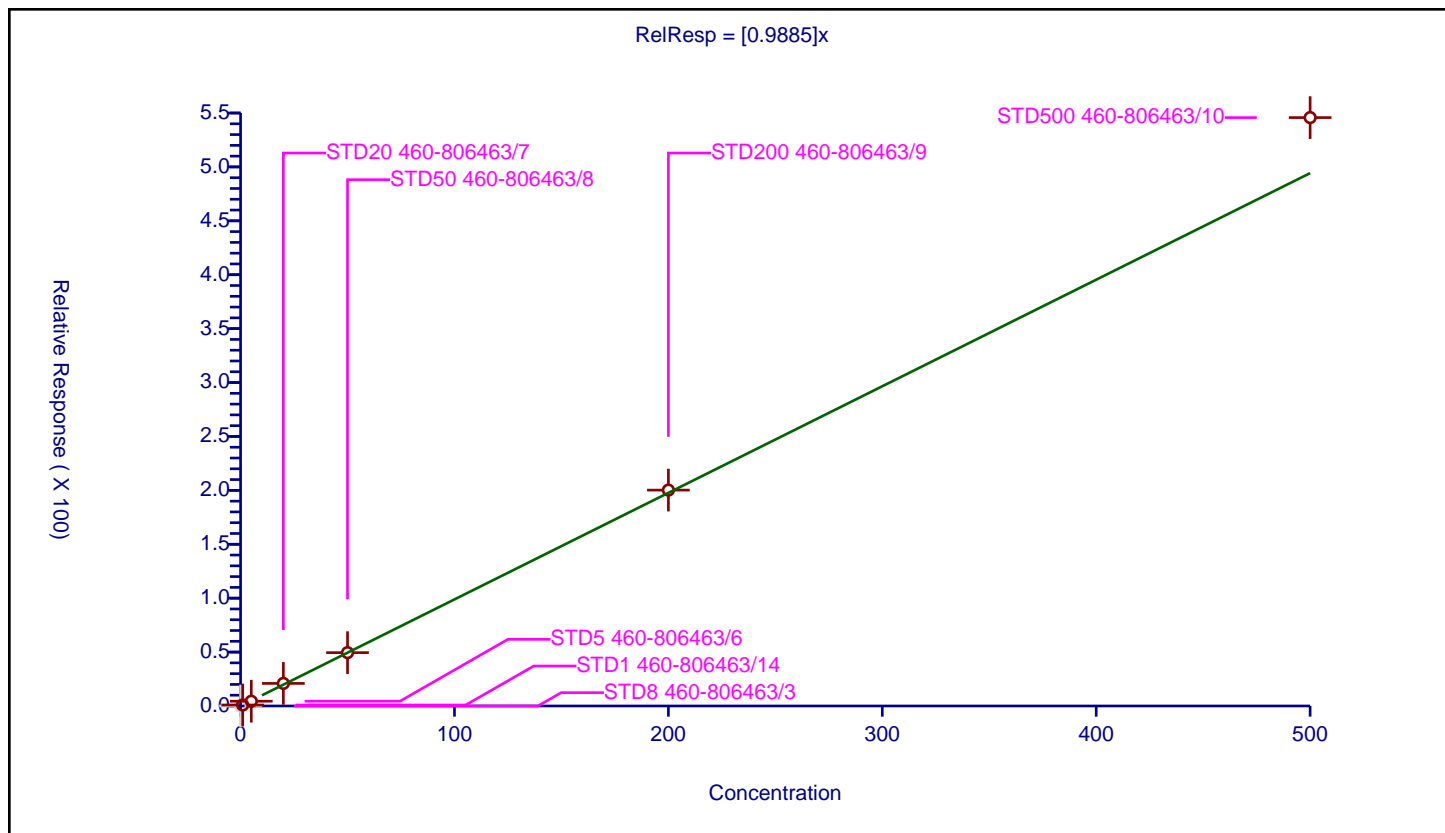
## Curve Coefficients

Intercept: 0  
 Slope: 0.9885

## Error Coefficients

Standard Error: 769000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	0.920708	50.0	185618.0	0.920708	Y
3	STD5 460-806463/6	5.0	4.405805	50.0	157667.0	0.881161	Y
4	STD20 460-806463/7	20.0	20.930777	50.0	153850.0	1.046539	Y
5	STD50 460-806463/8	50.0	49.484257	50.0	166071.0	0.989685	Y
6	STD200 460-806463/9	200.0	200.24499	50.0	133679.0	1.001225	Y
7	STD500 460-806463/10	500.0	545.75644	50.0	148908.0	1.091513	Y



## Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

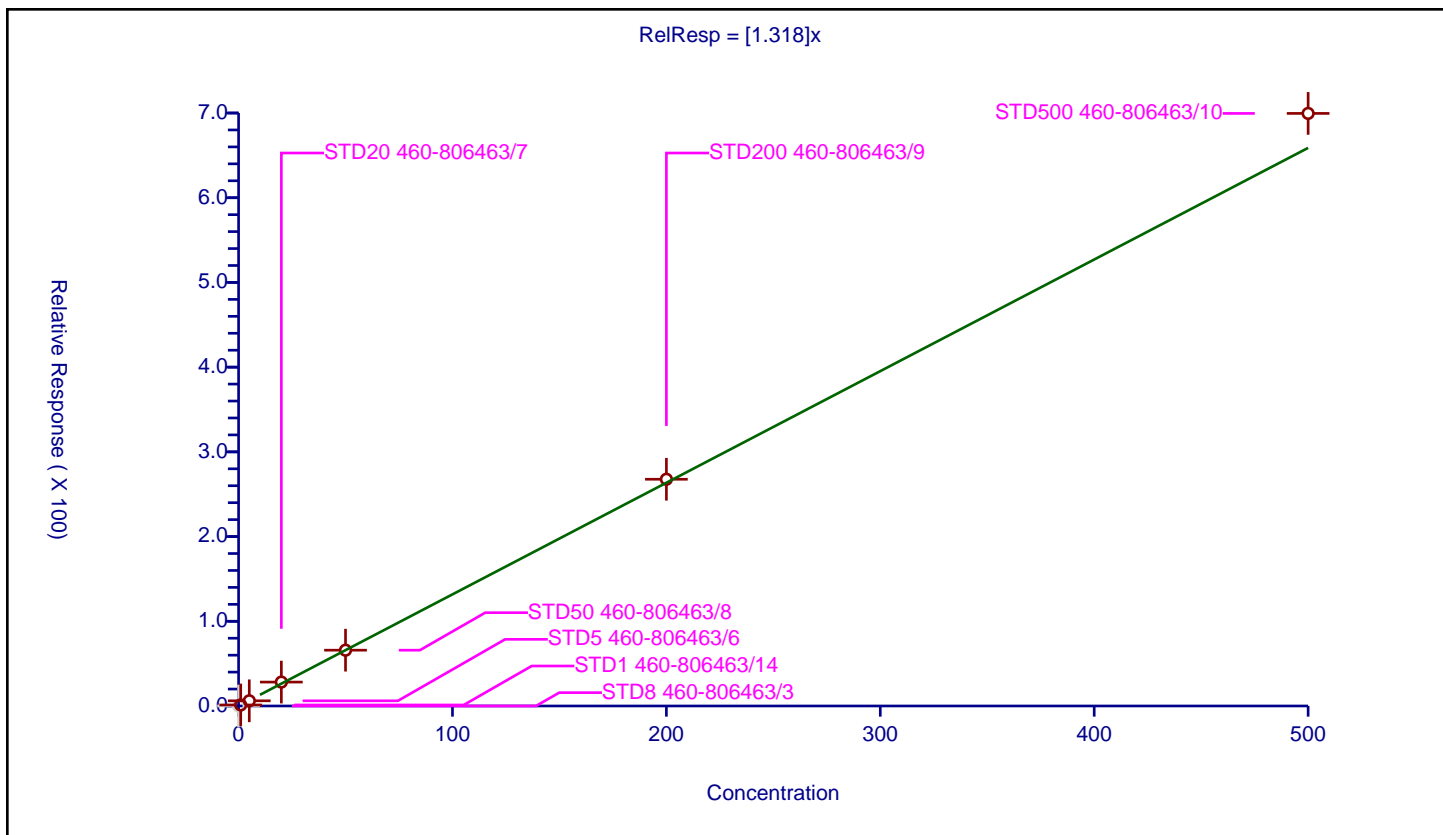
### Curve Coefficients

Intercept: 0  
 Slope: 1.318

### Error Coefficients

Standard Error: 990000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.217016	50.0	185618.0	1.217016	Y
3	STD5 460-806463/6	5.0	6.115103	50.0	157667.0	1.223021	Y
4	STD20 460-806463/7	20.0	28.21807	50.0	153850.0	1.410903	Y
5	STD50 460-806463/8	50.0	65.874837	50.0	166071.0	1.317497	Y
6	STD200 460-806463/9	200.0	267.656102	50.0	133679.0	1.338281	Y
7	STD500 460-806463/10	500.0	699.526553	50.0	148908.0	1.399053	Y



# Calibration

/ N-Propylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

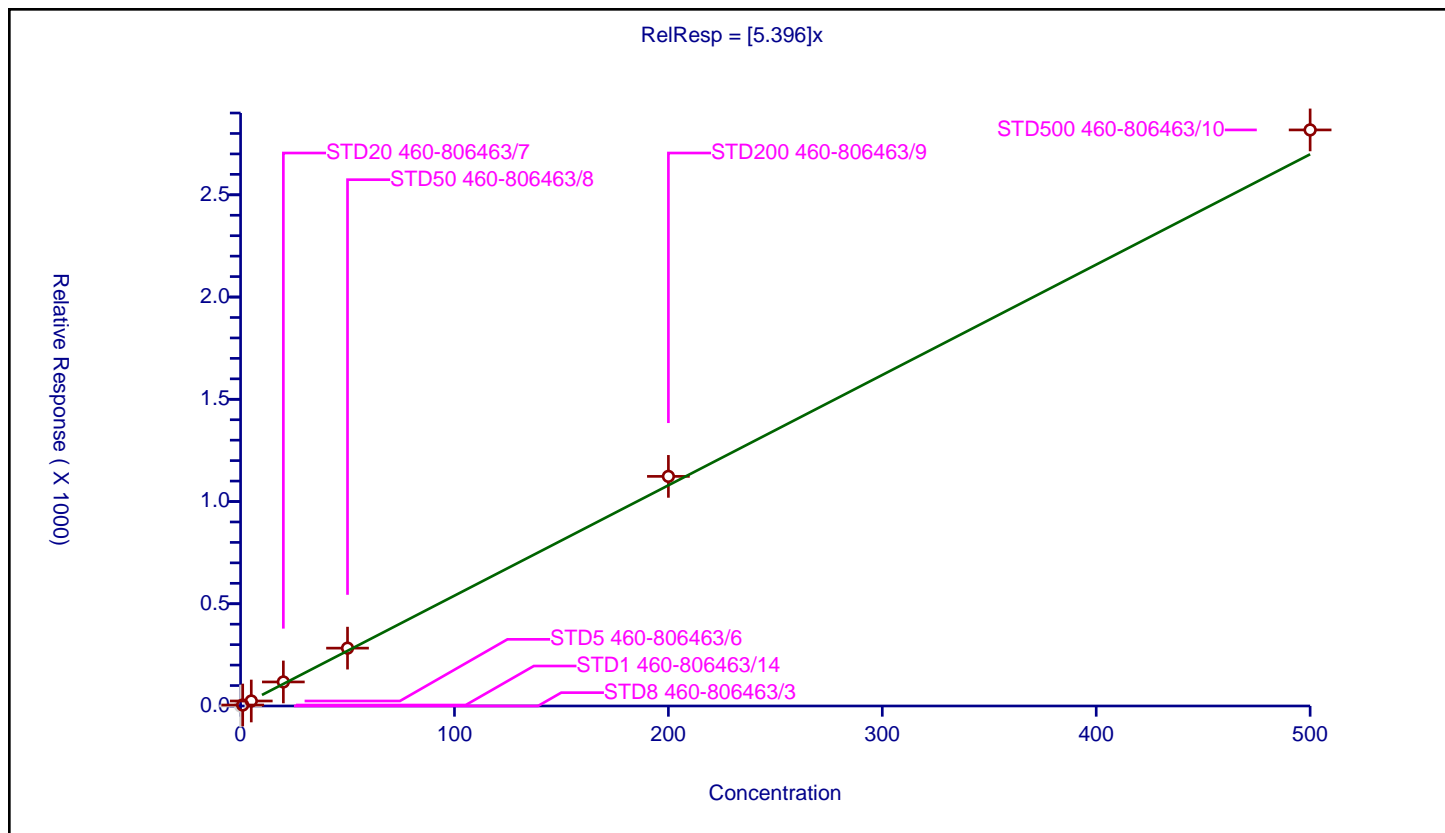
## Curve Coefficients

Intercept: 0  
 Slope: 5.396

## Error Coefficients

Standard Error: 4010000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	4.696743	50.0	185618.0	4.696743	Y
3	STD5 460-806463/6	5.0	24.48832	50.0	157667.0	4.897664	Y
4	STD20 460-806463/7	20.0	117.531362	50.0	153850.0	5.876568	Y
5	STD50 460-806463/8	50.0	282.885934	50.0	166071.0	5.657719	Y
6	STD200 460-806463/9	200.0	1122.952371	50.0	133679.0	5.614762	Y
7	STD500 460-806463/10	500.0	2817.275432	50.0	148908.0	5.634551	Y





# Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

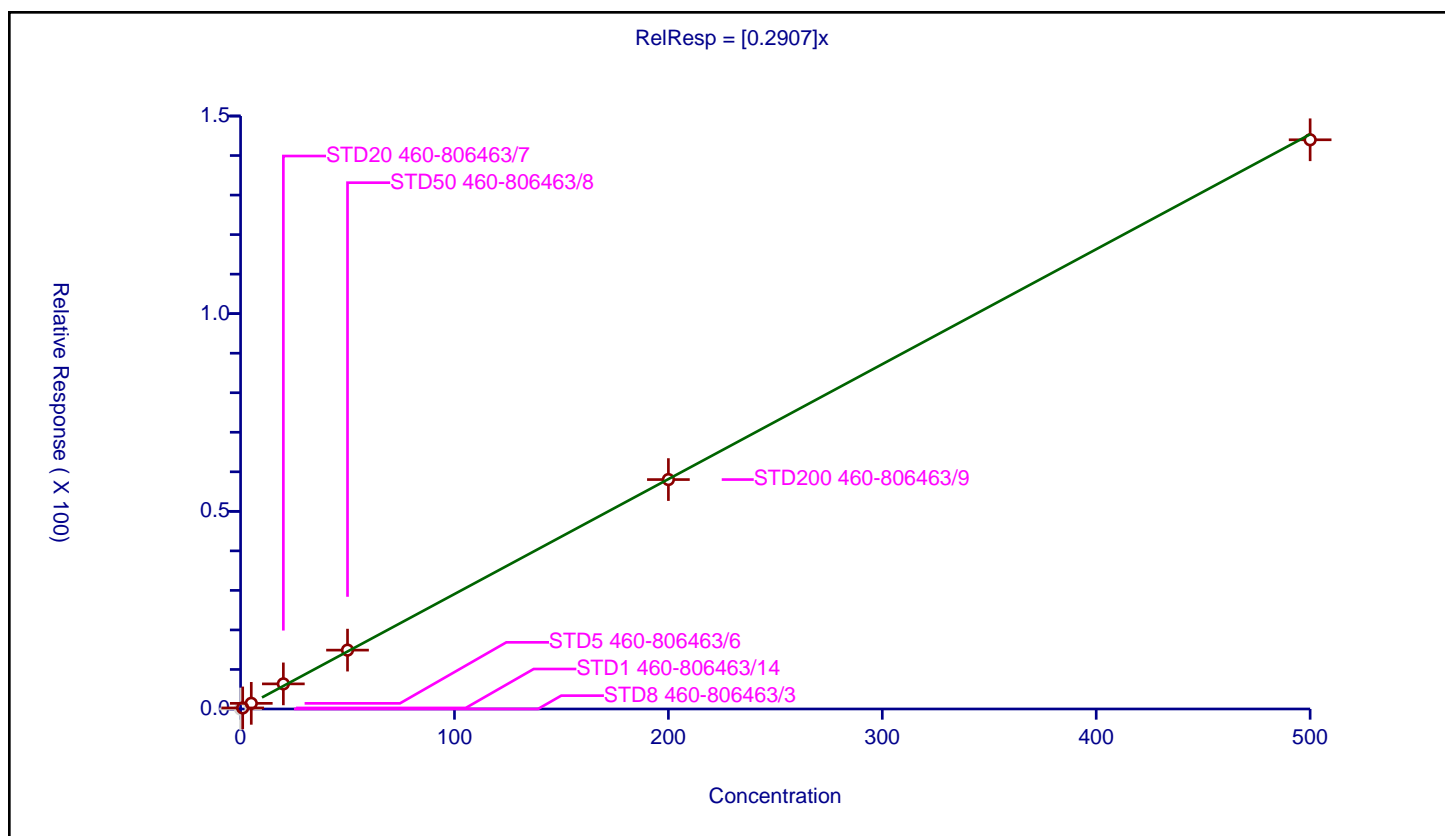
## Curve Coefficients

Intercept: 0  
 Slope: 0.2907

## Error Coefficients

Standard Error: 205000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	0.265061	50.0	185618.0	0.265061	Y
3	STD5 460-806463/6	5.0	1.428327	50.0	157667.0	0.285665	Y
4	STD20 460-806463/7	20.0	6.353591	50.0	153850.0	0.31768	Y
5	STD50 460-806463/8	50.0	14.893329	50.0	166071.0	0.297867	Y
6	STD200 460-806463/9	200.0	58.037538	50.0	133679.0	0.290188	Y
7	STD500 460-806463/10	500.0	143.988906	50.0	148908.0	0.287978	Y



# Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

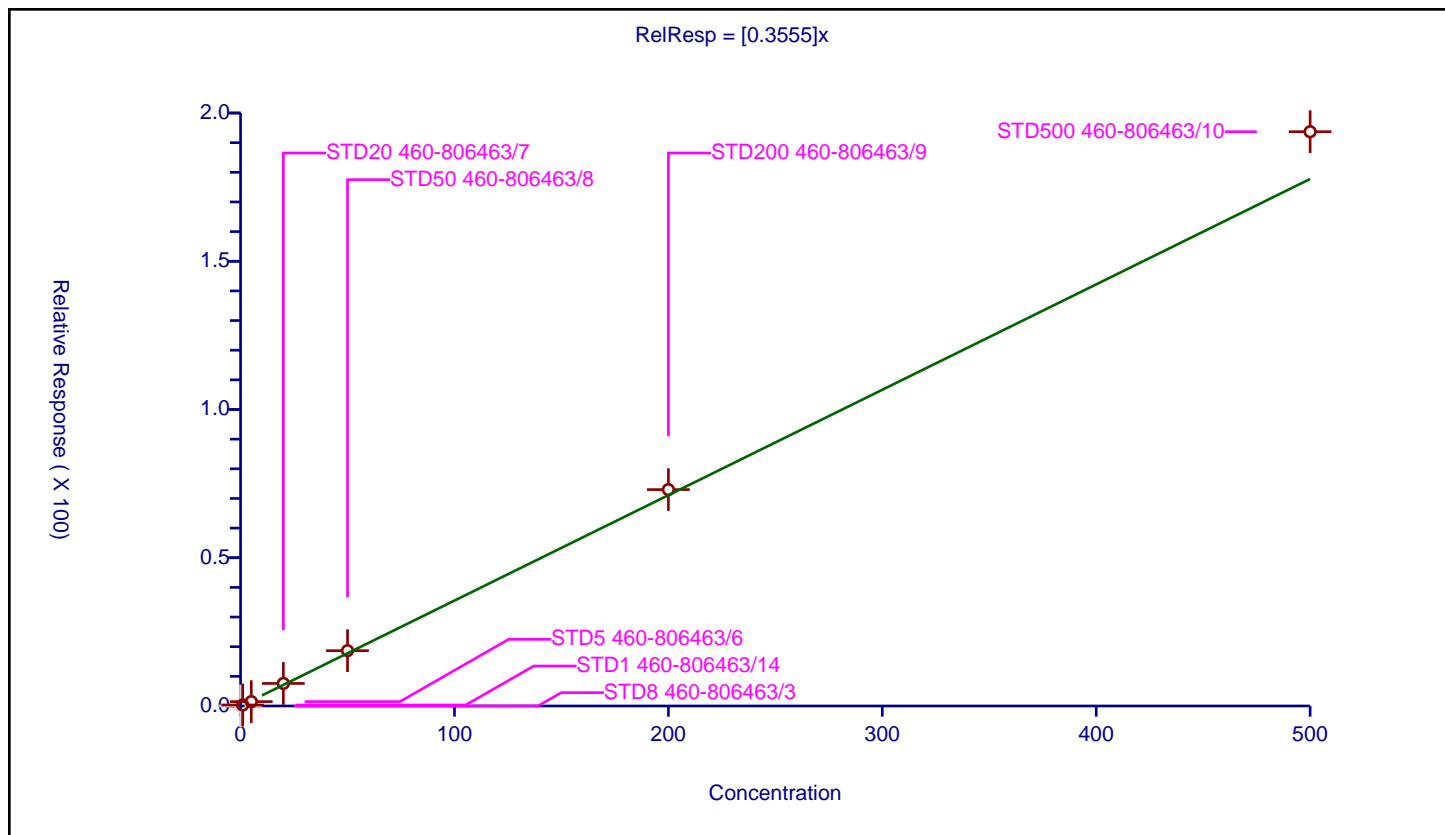
## Curve Coefficients

Intercept: 0  
 Slope: 0.3555

## Error Coefficients

Standard Error: 274000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	0.333481	50.0	185618.0	0.333481	Y
3	STD5 460-806463/6	5.0	1.468602	50.0	157667.0	0.29372	Y
4	STD20 460-806463/7	20.0	7.60611	50.0	153850.0	0.380305	Y
5	STD50 460-806463/8	50.0	18.658586	50.0	166071.0	0.373172	Y
6	STD200 460-806463/9	200.0	72.986408	50.0	133679.0	0.364932	Y
7	STD500 460-806463/10	500.0	193.693086	50.0	148908.0	0.387386	Y



# Calibration

/ 2-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

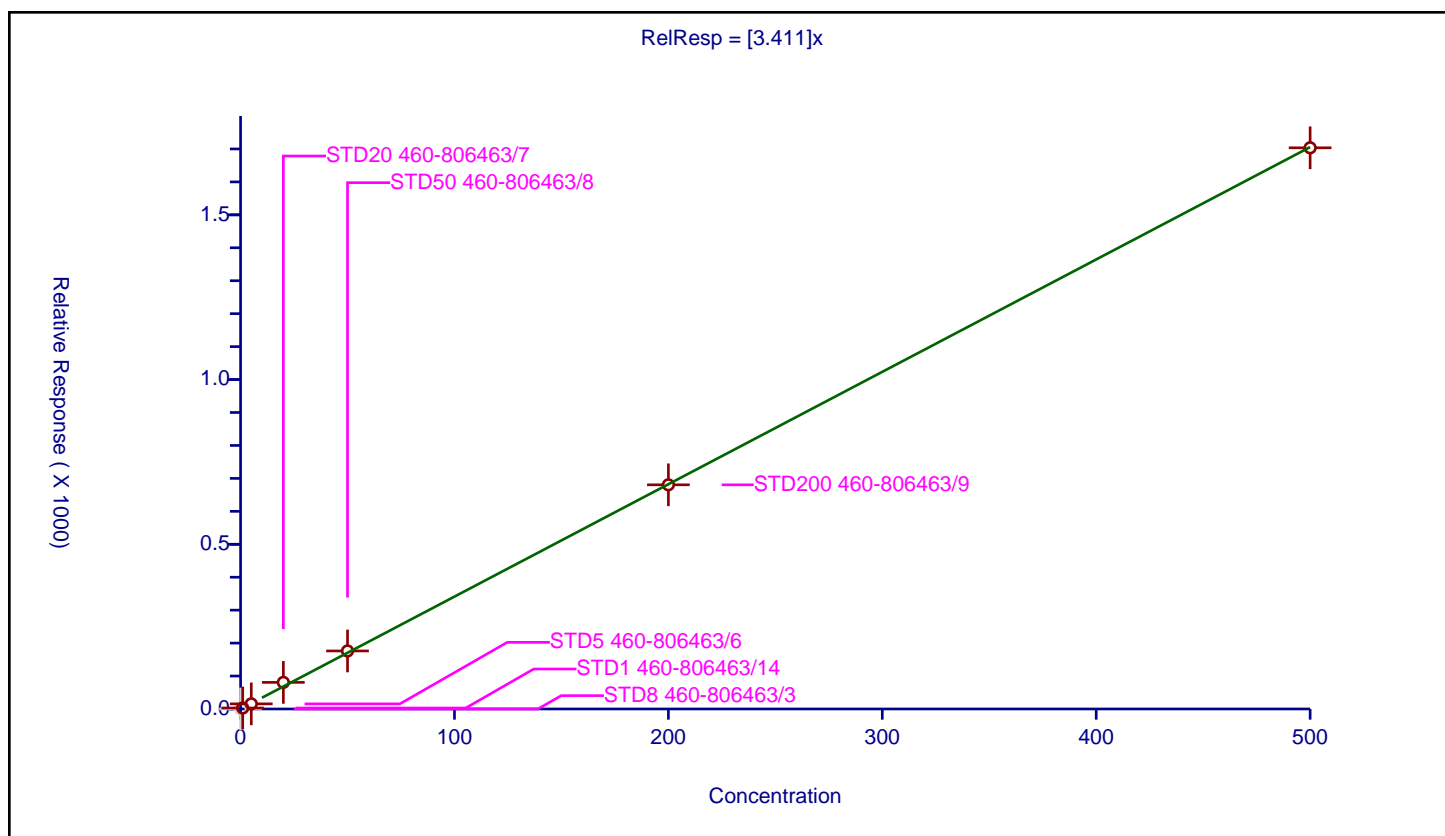
## Curve Coefficients

Intercept: 0  
 Slope: 3.411

## Error Coefficients

Standard Error: 2430000  
 Relative Standard Error: 10.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	2.984086	50.0	185618.0	2.984086	Y
3	STD5 460-806463/6	5.0	15.576183	50.0	157667.0	3.115237	Y
4	STD20 460-806463/7	20.0	80.712707	50.0	153850.0	4.035635	Y
5	STD50 460-806463/8	50.0	176.189702	50.0	166071.0	3.523794	Y
6	STD200 460-806463/9	200.0	680.505539	50.0	133679.0	3.402528	Y
7	STD500 460-806463/10	500.0	1703.491418	50.0	148908.0	3.406983	Y



# Calibration

/ 4-Ethyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

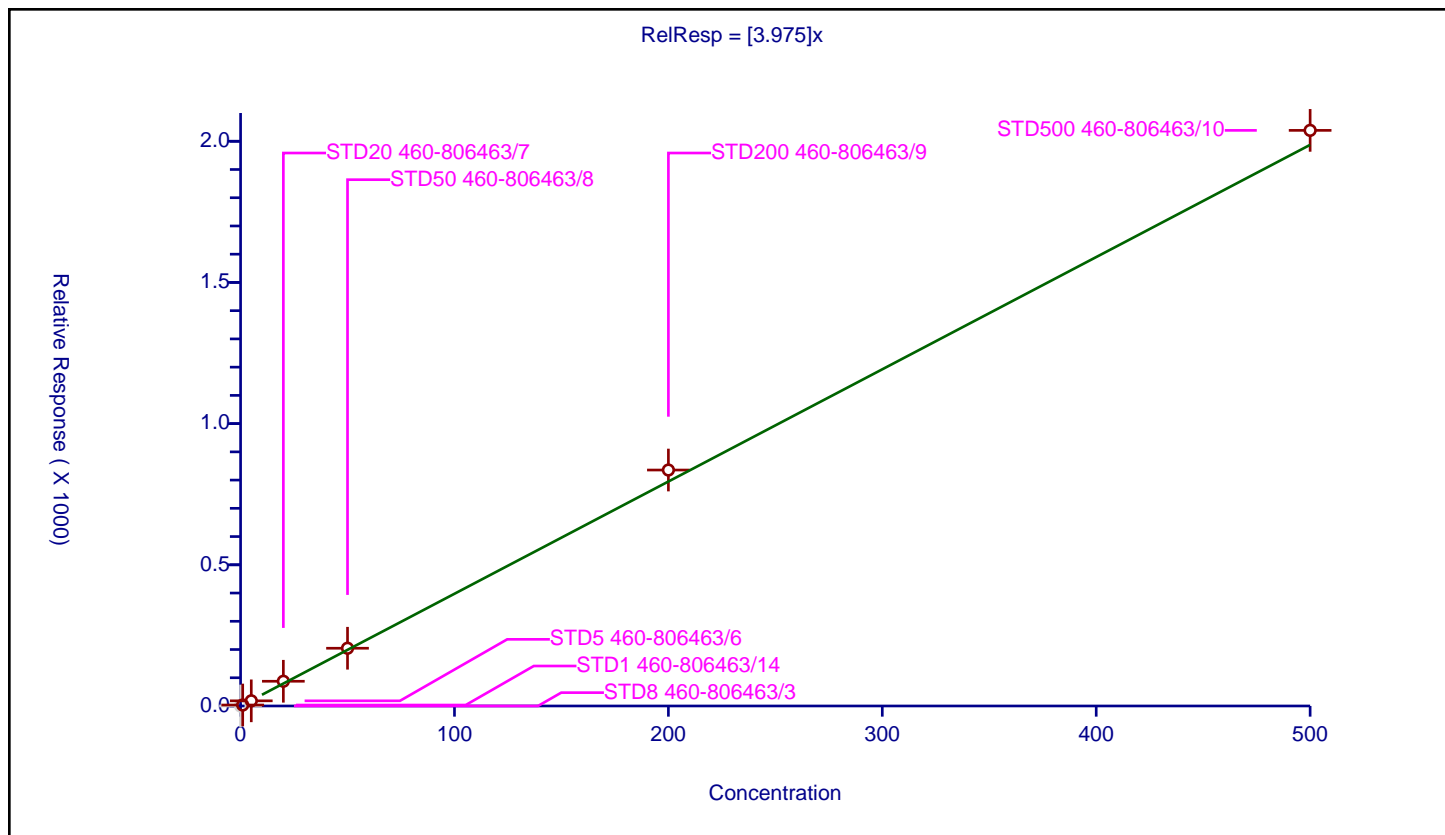
## Curve Coefficients

Intercept: 0  
 Slope: 3.975

## Error Coefficients

Standard Error: 2910000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.471915	50.0	185618.0	3.471915	Y
3	STD5 460-806463/6	5.0	18.247319	50.0	157667.0	3.649464	Y
4	STD20 460-806463/7	20.0	87.592785	50.0	153850.0	4.379639	Y
5	STD50 460-806463/8	50.0	204.525173	50.0	166071.0	4.090503	Y
6	STD200 460-806463/9	200.0	835.685859	50.0	133679.0	4.178429	Y
7	STD500 460-806463/10	500.0	2038.549977	50.0	148908.0	4.0771	Y



# Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

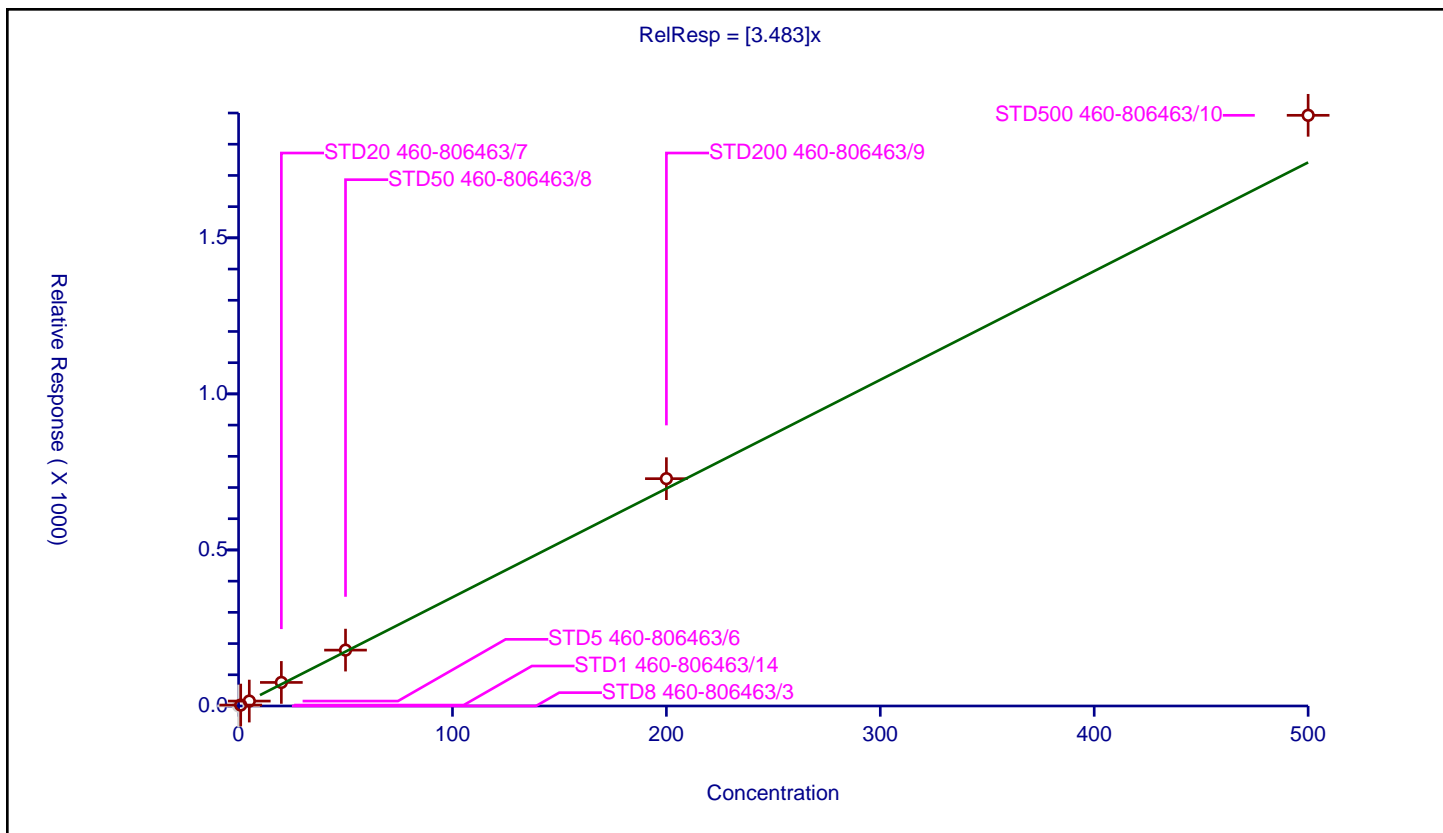
## Curve Coefficients

Intercept: 0  
 Slope: 3.483

## Error Coefficients

Standard Error: 2680000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	2.970886	50.0	185618.0	2.970886	Y
3	STD5 460-806463/6	5.0	15.739502	50.0	157667.0	3.1479	Y
4	STD20 460-806463/7	20.0	75.456289	50.0	153850.0	3.772814	Y
5	STD50 460-806463/8	50.0	179.071301	50.0	166071.0	3.581426	Y
6	STD200 460-806463/9	200.0	728.394512	50.0	133679.0	3.641973	Y
7	STD500 460-806463/10	500.0	1892.679372	50.0	148908.0	3.785359	Y



# Calibration

/ 4-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

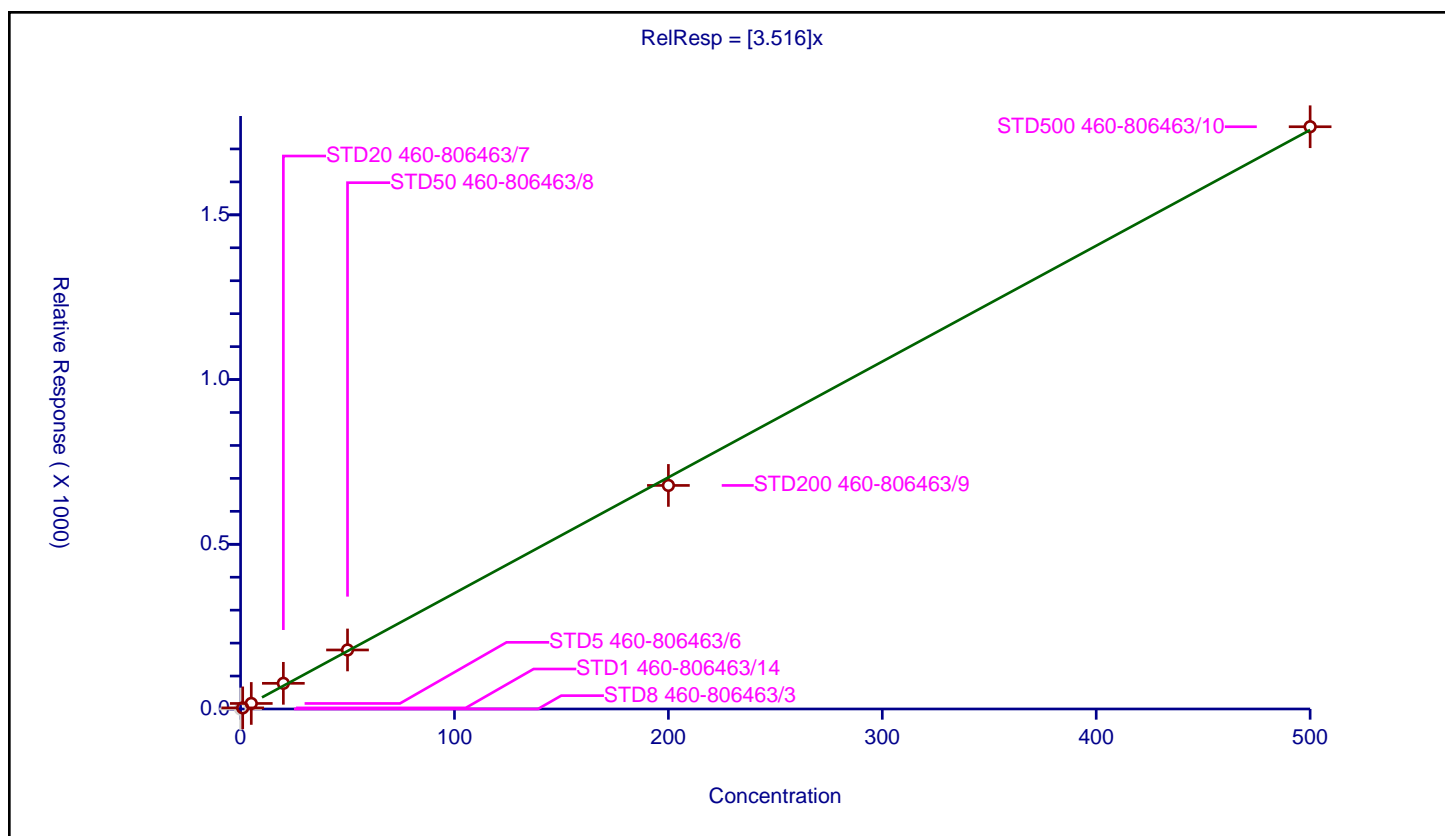
## Curve Coefficients

Intercept: 0  
 Slope: 3.516

## Error Coefficients

Standard Error: 2510000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.32457	50.0	185618.0	3.32457	Y
3	STD5 460-806463/6	5.0	16.799013	50.0	157667.0	3.359803	Y
4	STD20 460-806463/7	20.0	77.940851	50.0	153850.0	3.897043	Y
5	STD50 460-806463/8	50.0	179.176677	50.0	166071.0	3.583534	Y
6	STD200 460-806463/9	200.0	678.644739	50.0	133679.0	3.393224	Y
7	STD500 460-806463/10	500.0	1767.482271	50.0	148908.0	3.534965	Y



# Calibration

/ Butyl Methacrylate

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

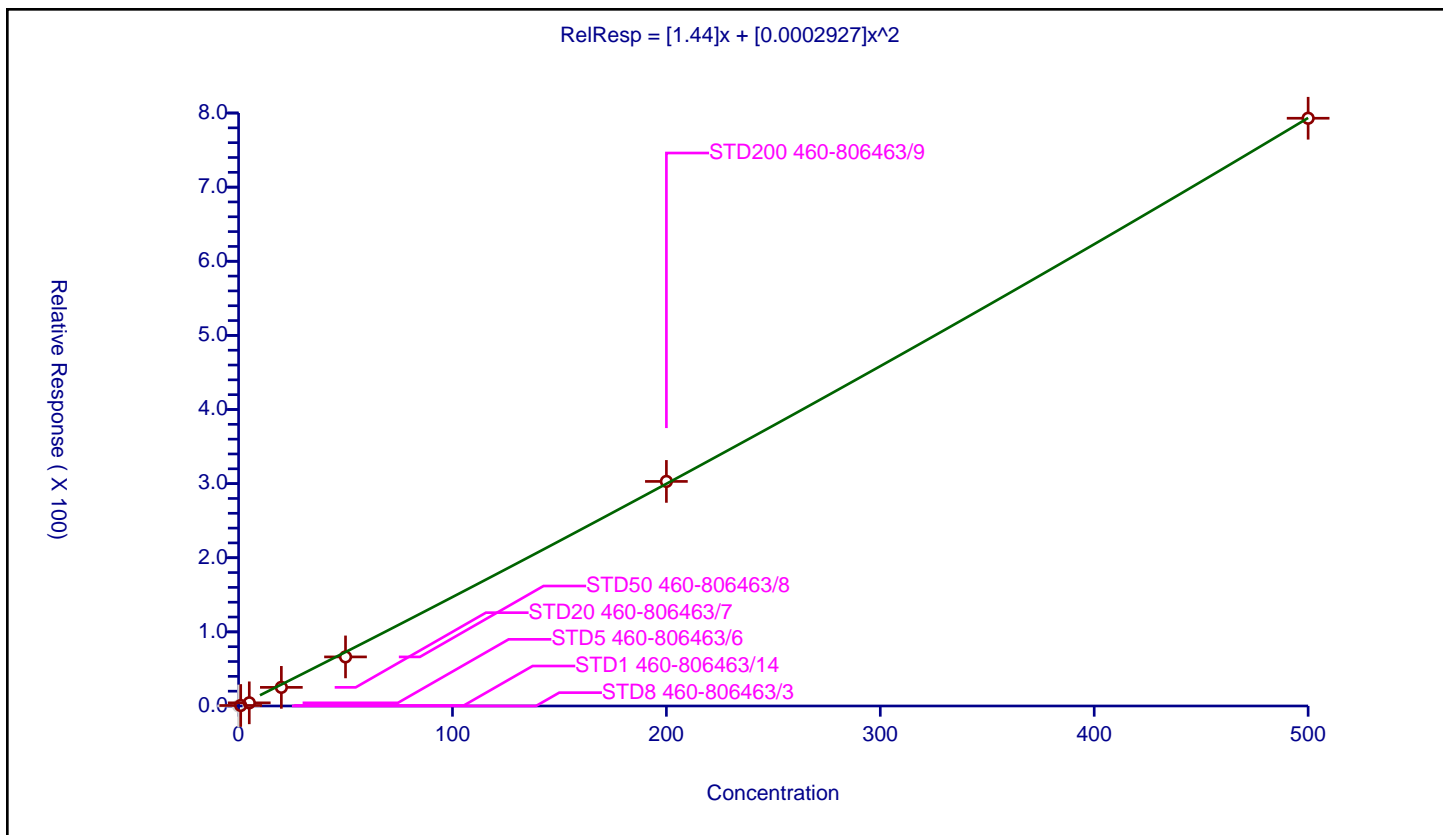
## Curve Coefficients

Intercept: 0  
 Slope: 1.44  
 Second Order: 0.0002927

## Error Coefficients

Standard Error: 1250000  
 Relative Standard Error: 34.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	0.677736	50.0	185618.0	0.677736	Y
3	STD5 460-806463/6	5.0	4.263416	50.0	157667.0	0.852683	Y
4	STD20 460-806463/7	20.0	25.117972	50.0	153850.0	1.255899	Y
5	STD50 460-806463/8	50.0	66.203612	50.0	166071.0	1.324072	Y
6	STD200 460-806463/9	200.0	302.987754	50.0	133679.0	1.514939	Y
7	STD500 460-806463/10	500.0	792.944301	50.0	148908.0	1.585889	Y



# Calibration

/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

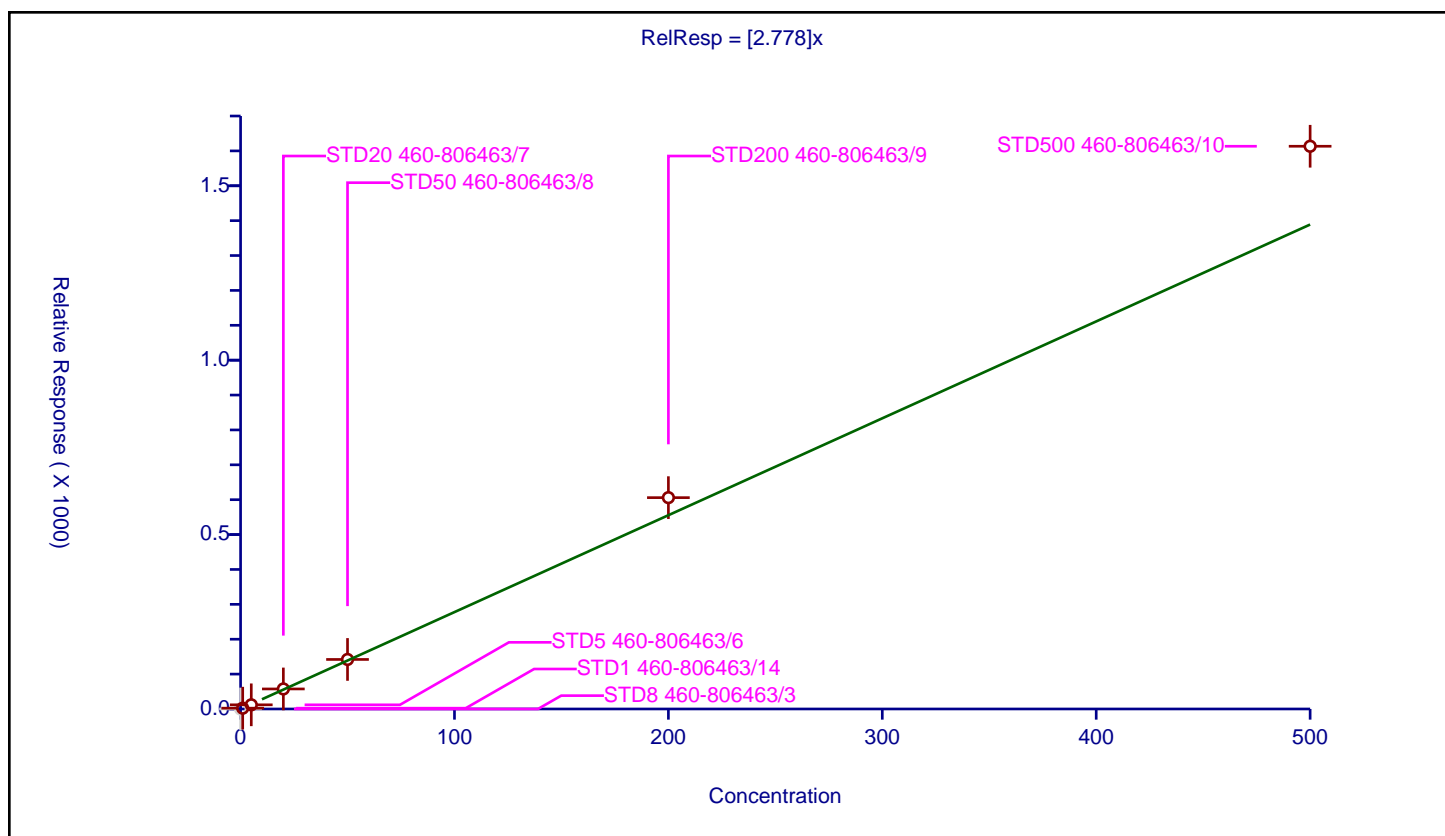
## Curve Coefficients

Intercept: 0  
 Slope: 2.778

## Error Coefficients

Standard Error: 2280000  
 Relative Standard Error: 12.9  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	2.313623	50.0	185618.0	2.313623	Y
3	STD5 460-806463/6	5.0	11.927036	50.0	157667.0	2.385407	Y
4	STD20 460-806463/7	20.0	57.431914	50.0	153850.0	2.871596	Y
5	STD50 460-806463/8	50.0	141.982345	50.0	166071.0	2.839647	Y
6	STD200 460-806463/9	200.0	605.921274	50.0	133679.0	3.029606	Y
7	STD500 460-806463/10	500.0	1613.332057	50.0	148908.0	3.226664	Y





# Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

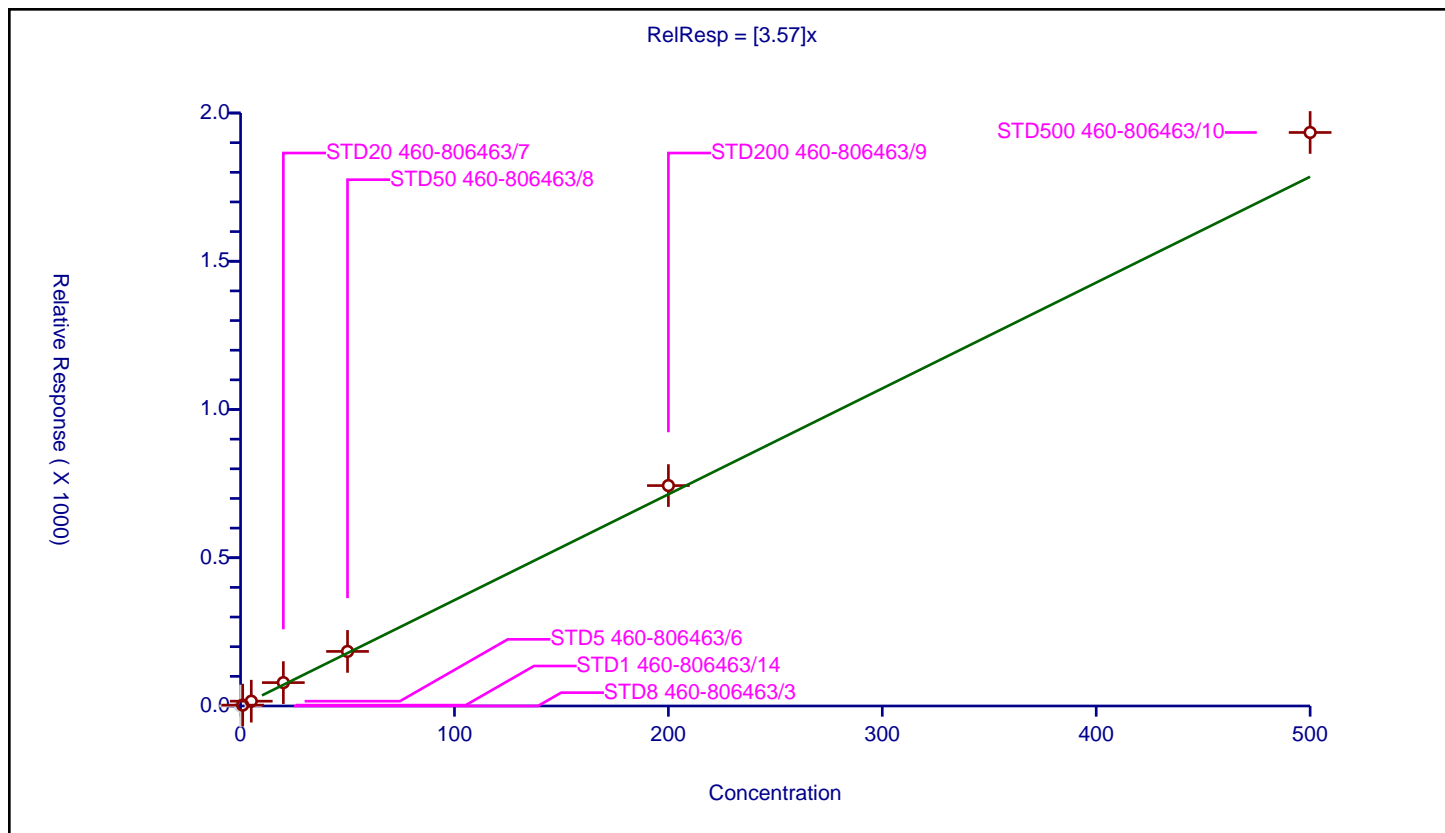
## Curve Coefficients

Intercept: 0  
 Slope: 3.57

## Error Coefficients

Standard Error: 2740000  
 Relative Standard Error: 10.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	2.96523	50.0	185618.0	2.96523	Y
3	STD5 460-806463/6	5.0	16.230727	50.0	157667.0	3.246145	Y
4	STD20 460-806463/7	20.0	78.859929	50.0	153850.0	3.942996	Y
5	STD50 460-806463/8	50.0	184.022797	50.0	166071.0	3.680456	Y
6	STD200 460-806463/9	200.0	743.419684	50.0	133679.0	3.717098	Y
7	STD500 460-806463/10	500.0	1934.297687	50.0	148908.0	3.868595	Y



# Calibration

/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

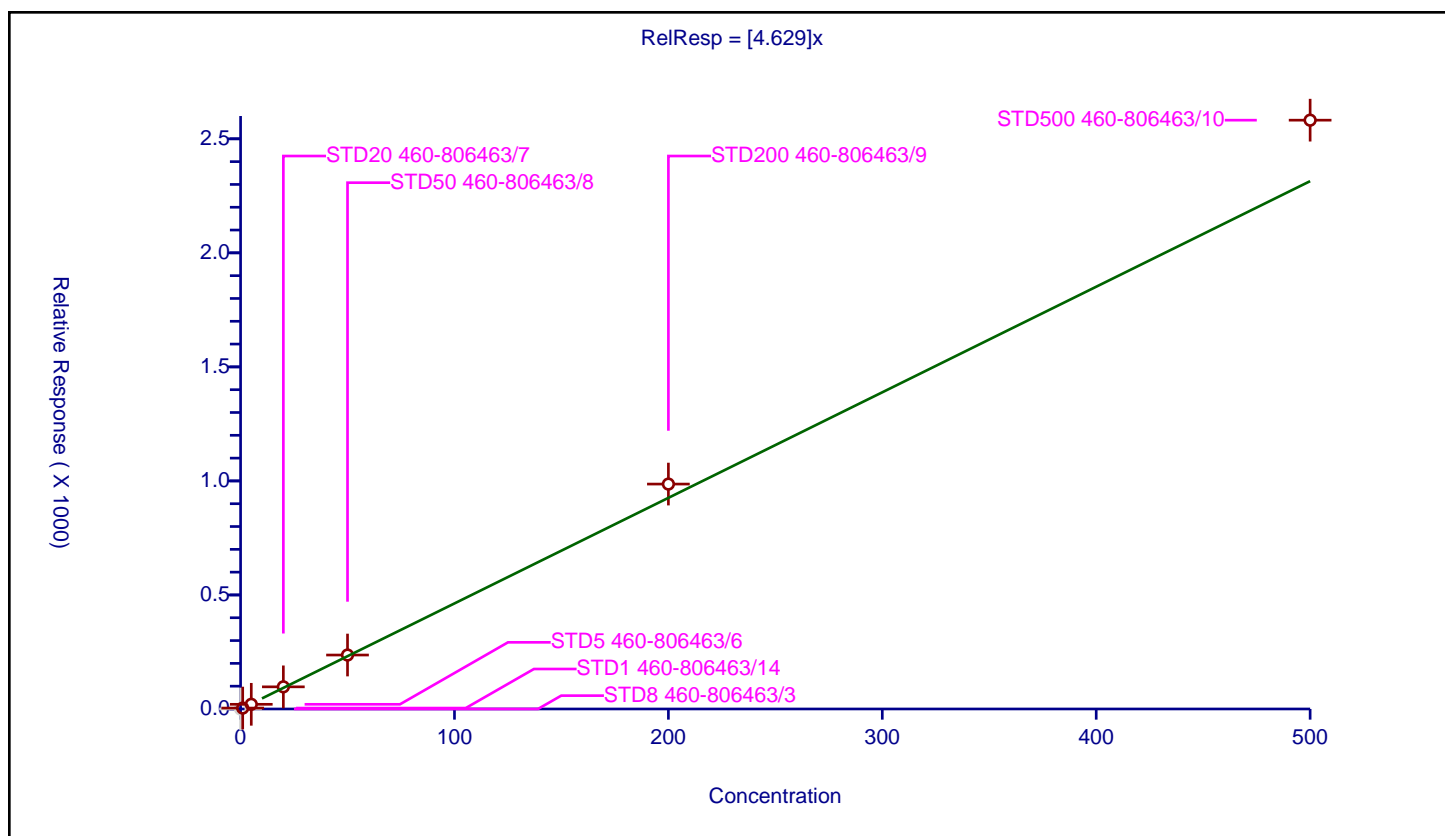
## Curve Coefficients

Intercept: 0  
 Slope: 4.629

## Error Coefficients

Standard Error: 3650000  
 Relative Standard Error: 10.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.982372	50.0	185618.0	3.982372	Y
3	STD5 460-806463/6	5.0	20.549639	50.0	157667.0	4.109928	Y
4	STD20 460-806463/7	20.0	97.072798	50.0	153850.0	4.85364	Y
5	STD50 460-806463/8	50.0	236.571105	50.0	166071.0	4.731422	Y
6	STD200 460-806463/9	200.0	986.150405	50.0	133679.0	4.930752	Y
7	STD500 460-806463/10	500.0	2581.783719	50.0	148908.0	5.163567	Y



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

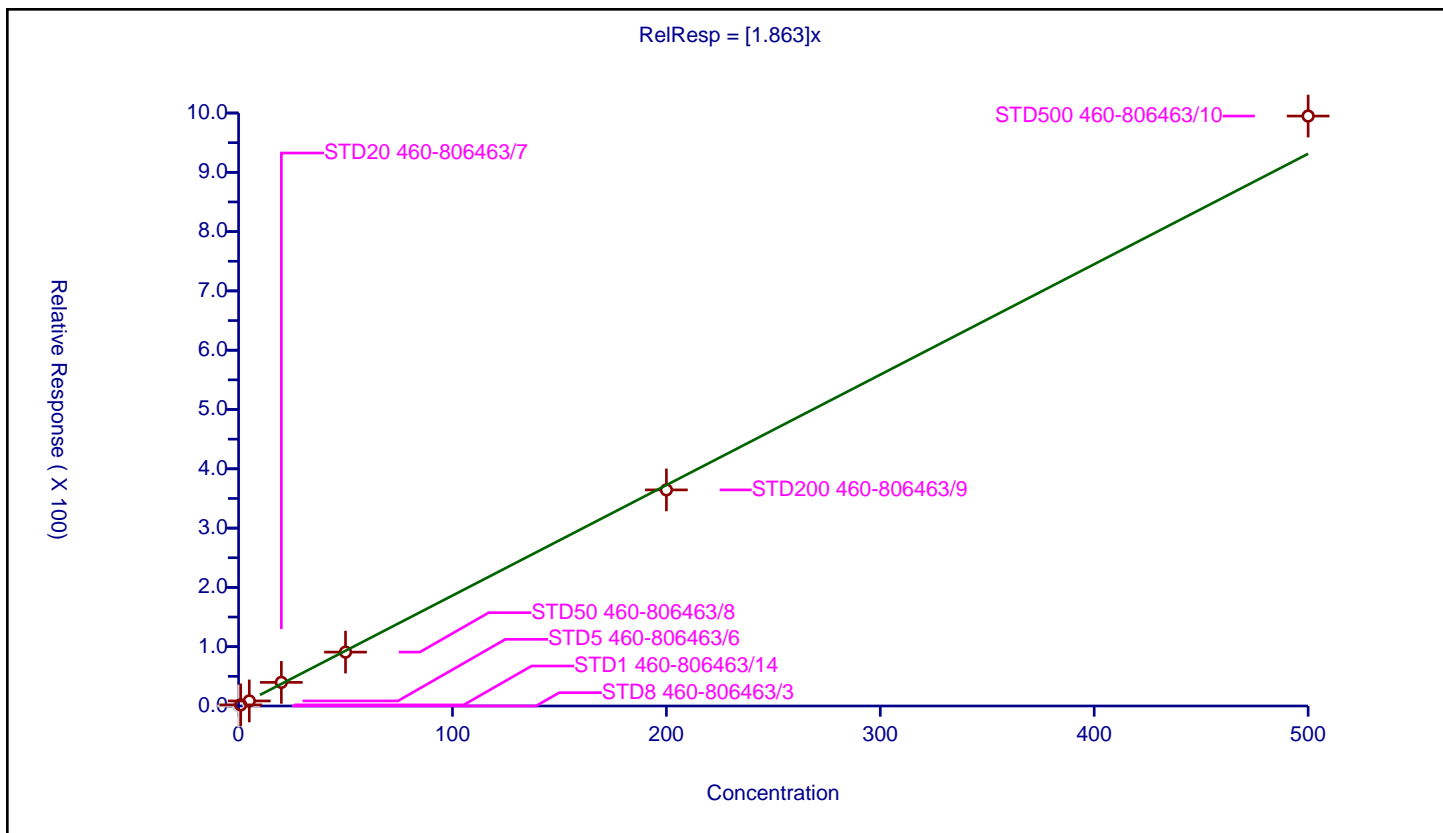
## Curve Coefficients

Intercept: 0  
 Slope: 1.863

## Error Coefficients

Standard Error: 1400000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.850036	50.0	185618.0	1.850036	Y
3	STD5 460-806463/6	5.0	8.530637	50.0	157667.0	1.706127	Y
4	STD20 460-806463/7	20.0	39.801755	50.0	153850.0	1.990088	Y
5	STD50 460-806463/8	50.0	90.851503	50.0	166071.0	1.81703	Y
6	STD200 460-806463/9	200.0	364.421487	50.0	133679.0	1.822107	Y
7	STD500 460-806463/10	500.0	994.888119	50.0	148908.0	1.989776	Y



# Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

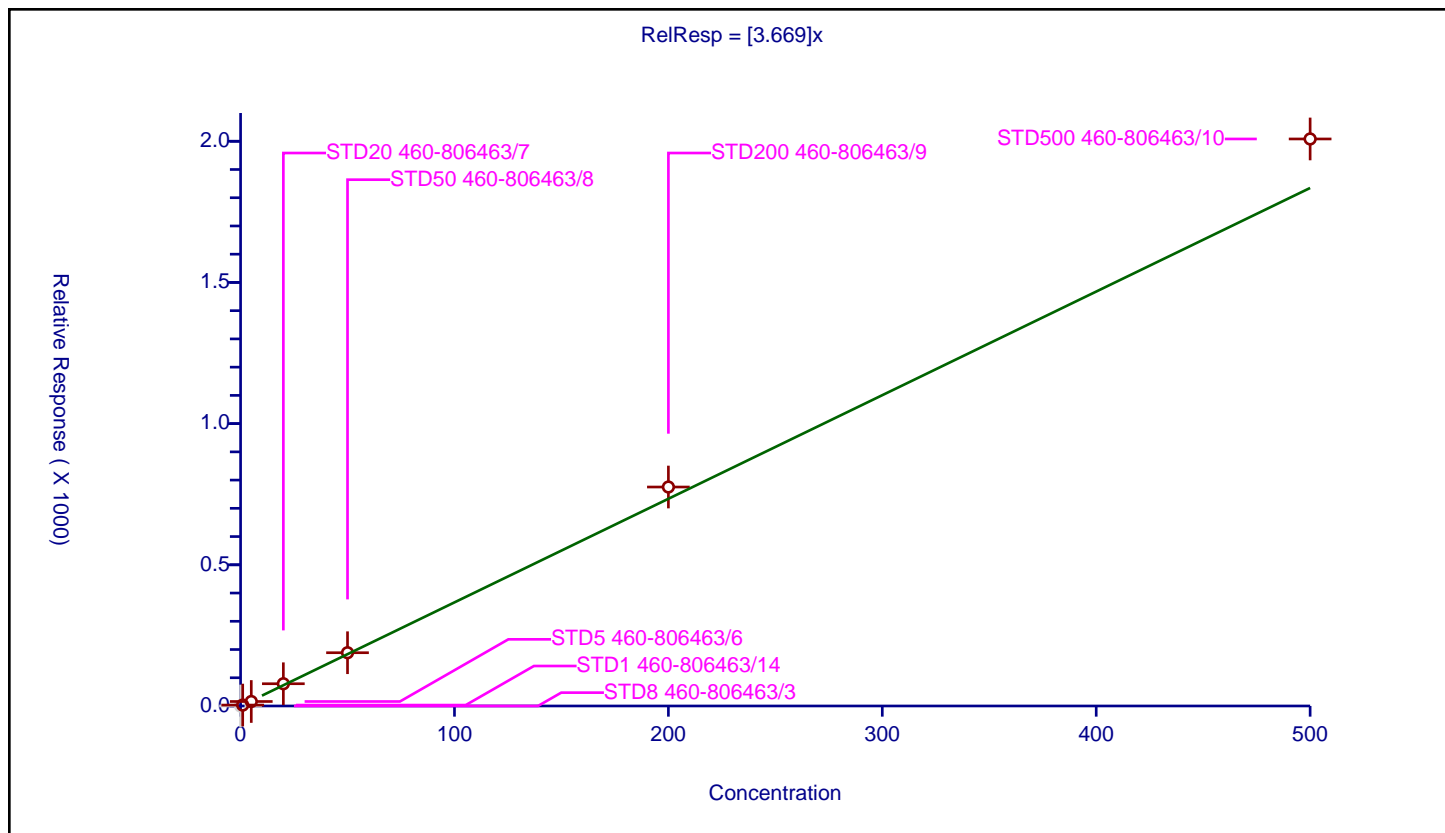
## Curve Coefficients

Intercept: 0  
 Slope: 3.669

## Error Coefficients

Standard Error: 2850000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.227866	50.0	185618.0	3.227866	Y
3	STD5 460-806463/6	5.0	15.904406	50.0	157667.0	3.180881	Y
4	STD20 460-806463/7	20.0	78.772181	50.0	153850.0	3.938609	Y
5	STD50 460-806463/8	50.0	188.675326	50.0	166071.0	3.773507	Y
6	STD200 460-806463/9	200.0	775.504754	50.0	133679.0	3.877524	Y
7	STD500 460-806463/10	500.0	2008.137239	50.0	148908.0	4.016274	Y



# Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

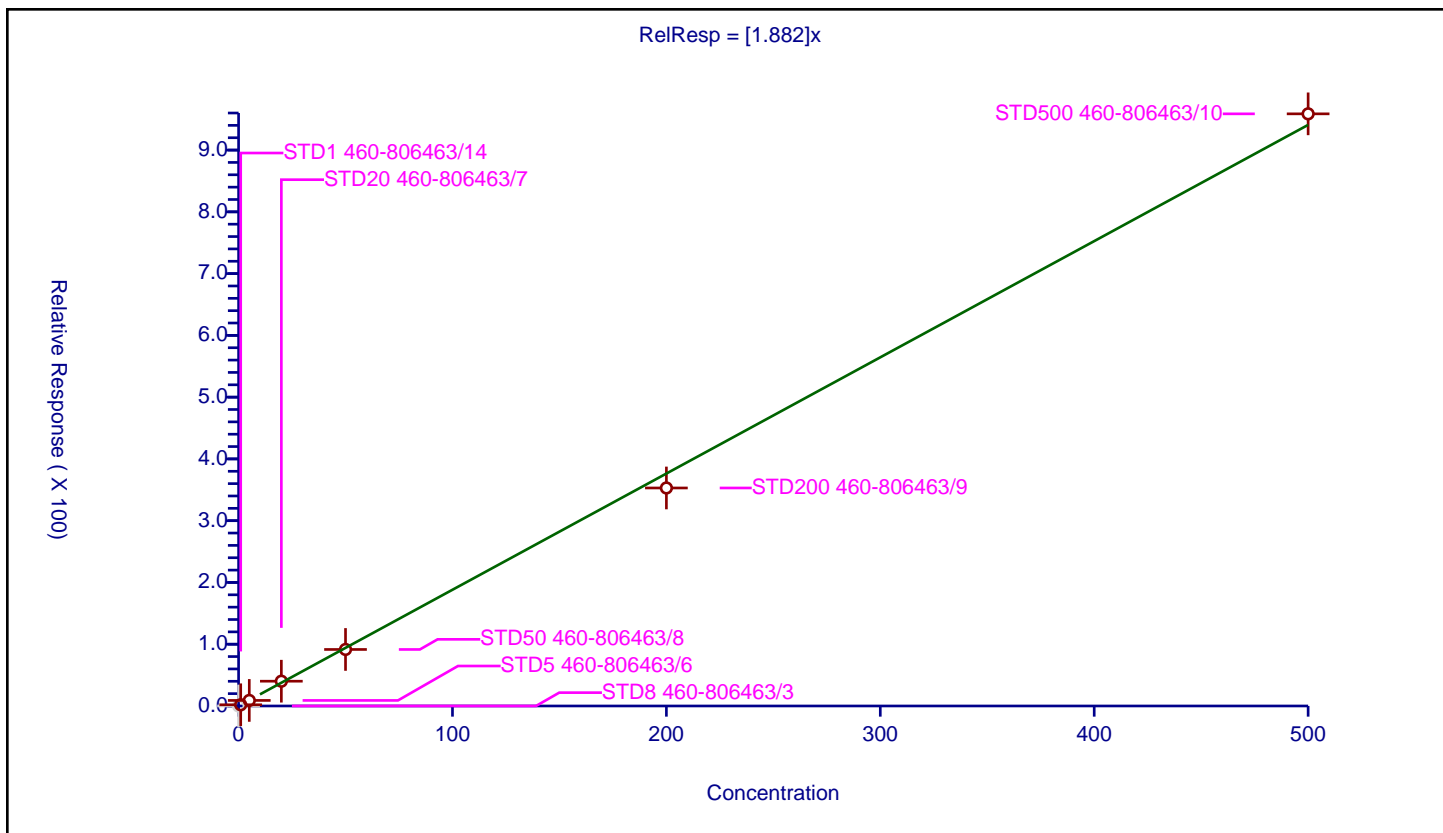
## Curve Coefficients

Intercept: 0  
 Slope: 1.882

## Error Coefficients

Standard Error: 1350000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.967482	50.0	185618.0	1.967482	Y
3	STD5 460-806463/6	5.0	9.01996	50.0	157667.0	1.803992	Y
4	STD20 460-806463/7	20.0	40.115047	50.0	153850.0	2.005752	Y
5	STD50 460-806463/8	50.0	91.491892	50.0	166071.0	1.829838	Y
6	STD200 460-806463/9	200.0	352.938756	50.0	133679.0	1.764694	Y
7	STD500 460-806463/10	500.0	958.673812	50.0	148908.0	1.917348	Y



# Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

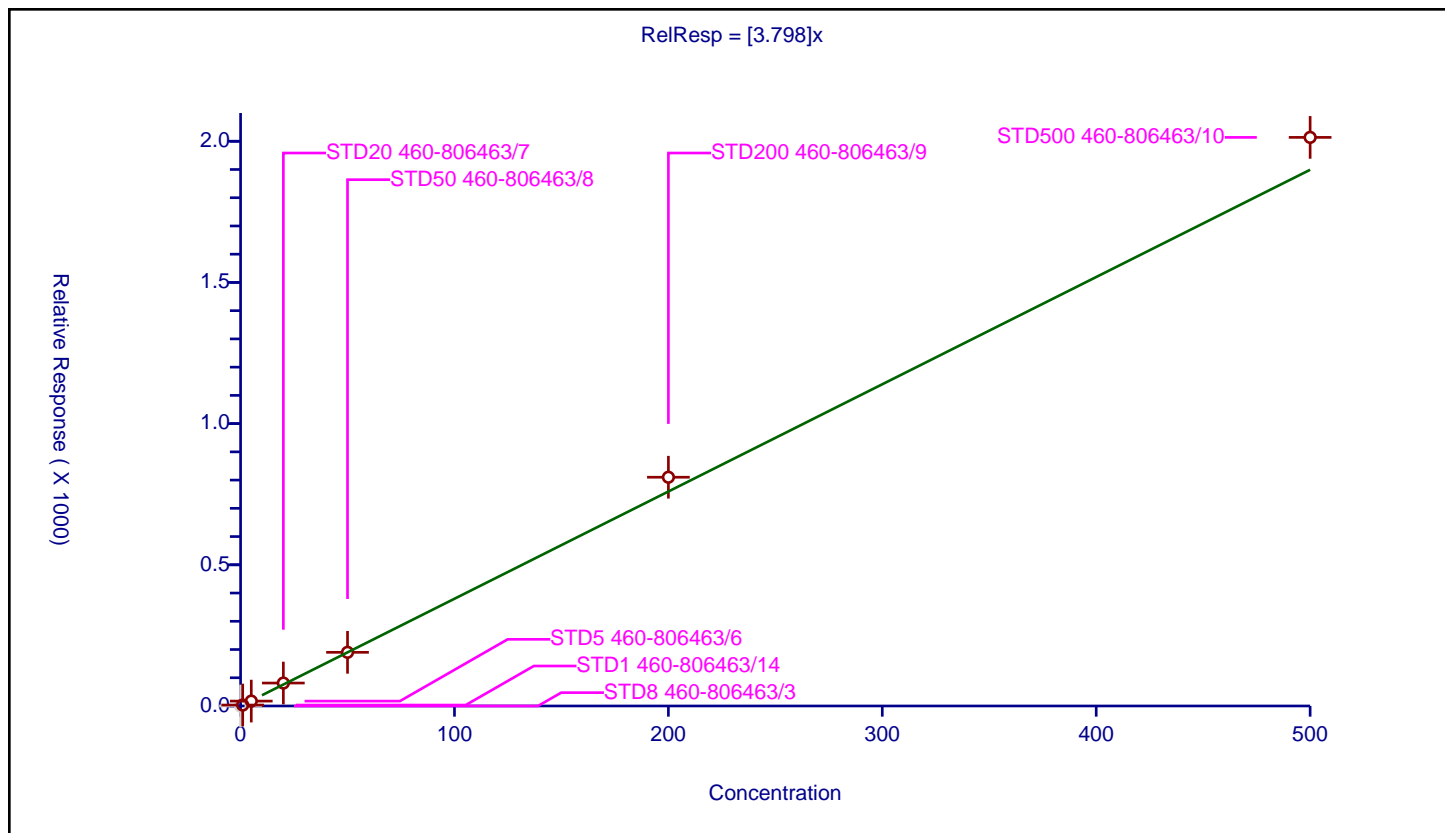
## Curve Coefficients

Intercept: 0  
 Slope: 3.798

## Error Coefficients

Standard Error: 2870000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.382754	50.0	185618.0	3.382754	Y
3	STD5 460-806463/6	5.0	17.322585	50.0	157667.0	3.464517	Y
4	STD20 460-806463/7	20.0	81.233669	50.0	153850.0	4.061683	Y
5	STD50 460-806463/8	50.0	190.02234	50.0	166071.0	3.800447	Y
6	STD200 460-806463/9	200.0	810.13323	50.0	133679.0	4.050666	Y
7	STD500 460-806463/10	500.0	2013.647353	50.0	148908.0	4.027295	Y



# Calibration

/ Benzyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

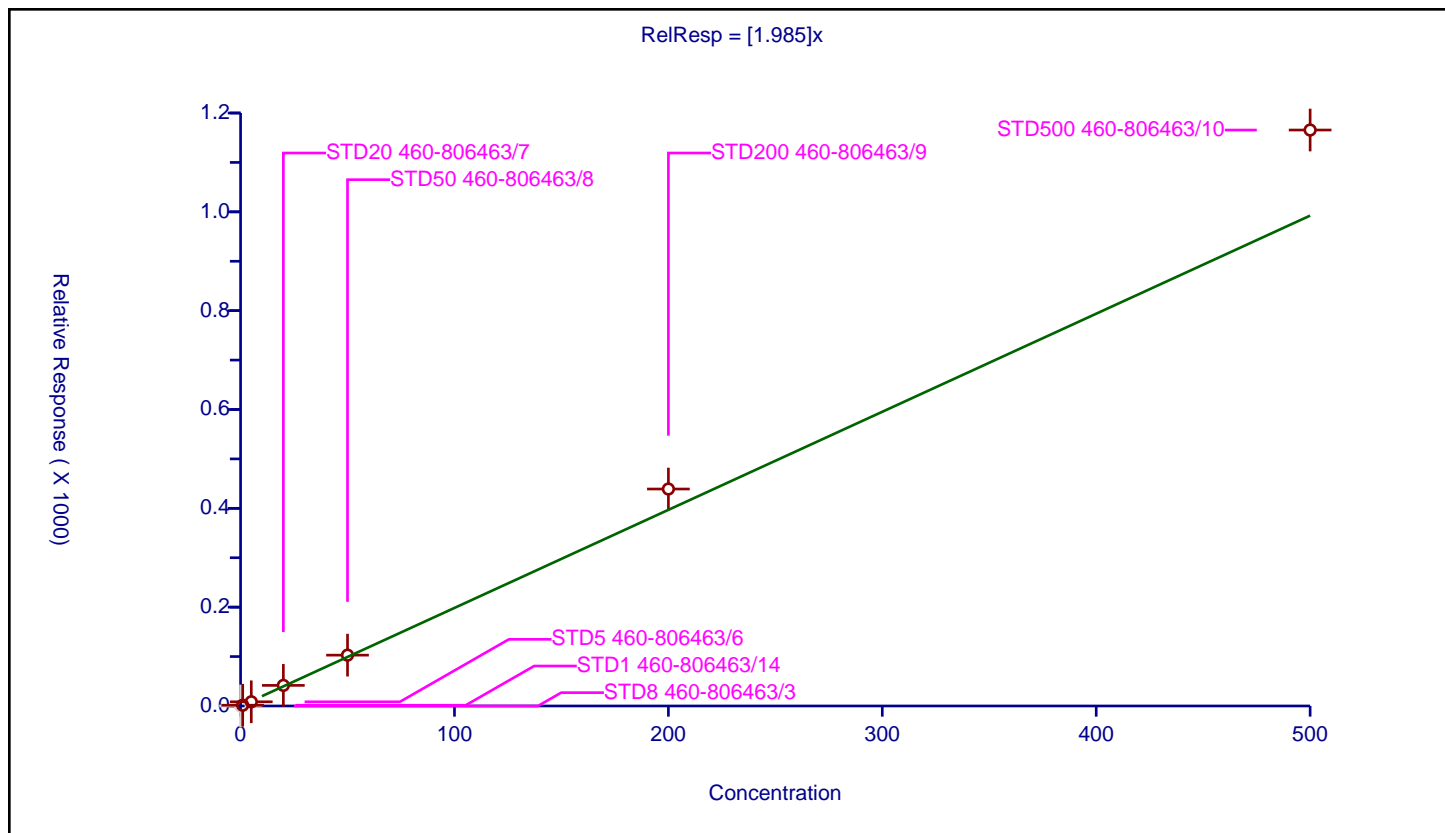
## Curve Coefficients

Intercept: 0  
 Slope: 1.985

## Error Coefficients

Standard Error: 1650000  
 Relative Standard Error: 15.3  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.539991	50.0	185618.0	1.539991	Y
3	STD5 460-806463/6	5.0	8.493534	50.0	157667.0	1.698707	Y
4	STD20 460-806463/7	20.0	41.689633	50.0	153850.0	2.084482	Y
5	STD50 460-806463/8	50.0	102.902674	50.0	166071.0	2.058053	Y
6	STD200 460-806463/9	200.0	439.080185	50.0	133679.0	2.195401	Y
7	STD500 460-806463/10	500.0	1165.579418	50.0	148908.0	2.331159	Y



# Calibration

/ 2,3-Dihydroindene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

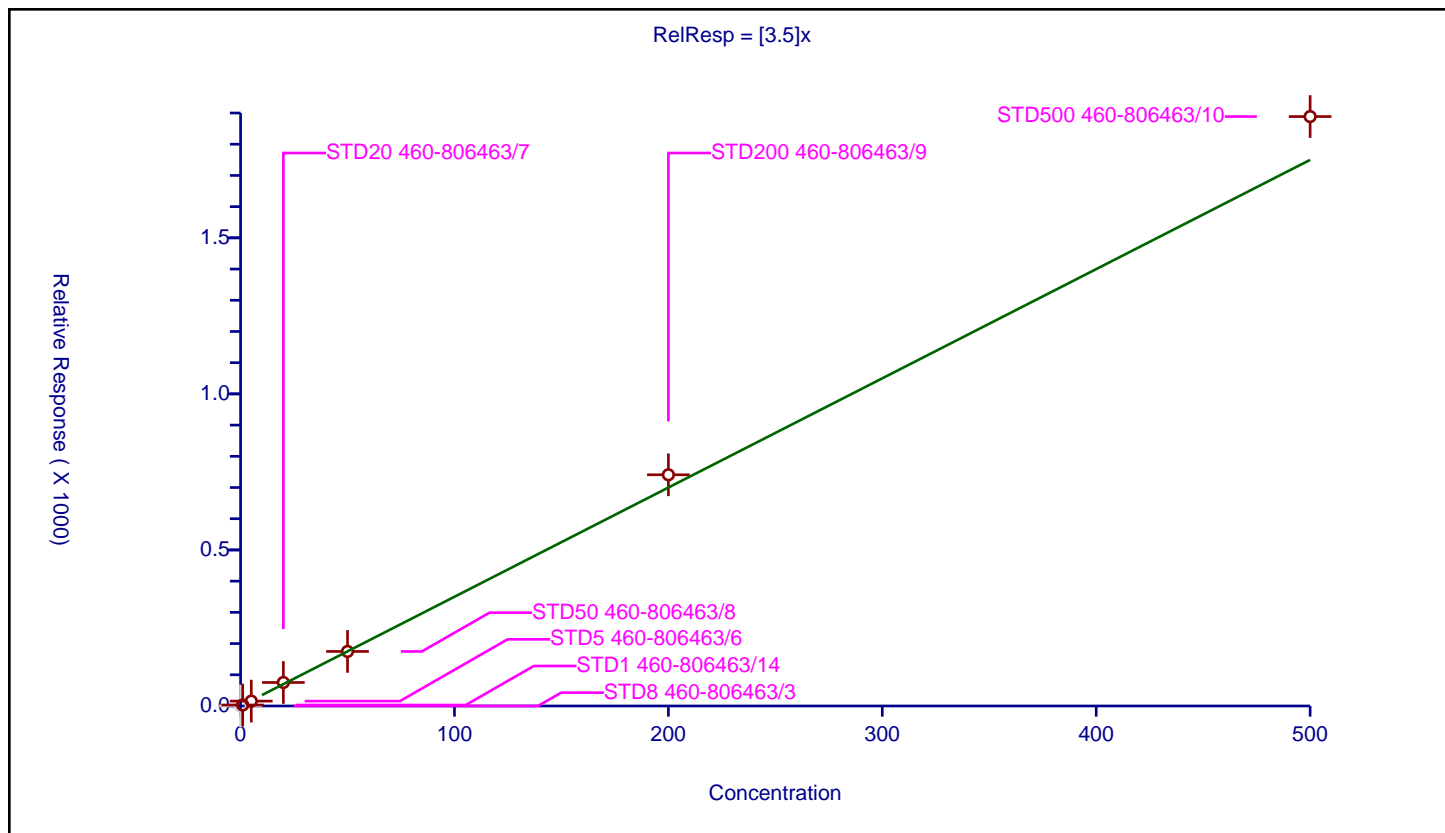
## Curve Coefficients

Intercept: 0  
 Slope: 3.5

## Error Coefficients

Standard Error: 2680000  
 Relative Standard Error: 8.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.116885	50.0	185618.0	3.116885	Y
3	STD5 460-806463/6	5.0	15.69447	50.0	157667.0	3.138894	Y
4	STD20 460-806463/7	20.0	75.299318	50.0	153850.0	3.764966	Y
5	STD50 460-806463/8	50.0	174.763204	50.0	166071.0	3.495264	Y
6	STD200 460-806463/9	200.0	740.888995	50.0	133679.0	3.704445	Y
7	STD500 460-806463/10	500.0	1888.599337	50.0	148908.0	3.777199	Y





# Calibration

/ p-Diethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

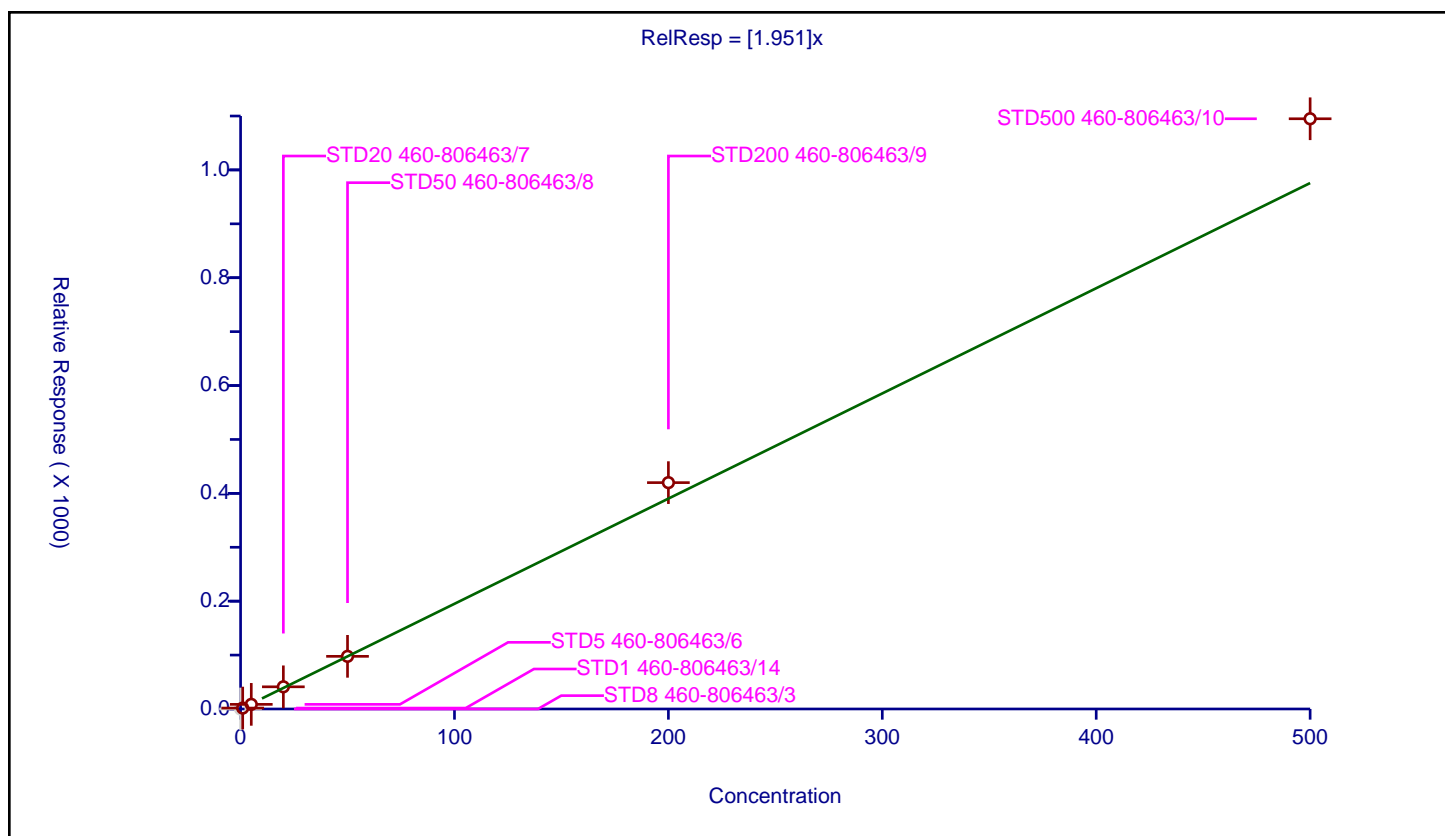
## Curve Coefficients

Intercept: 0  
 Slope: 1.951

## Error Coefficients

Standard Error: 1550000  
 Relative Standard Error: 10.6  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.687875	50.0	185618.0	1.687875	Y
3	STD5 460-806463/6	5.0	8.600088	50.0	157667.0	1.720018	Y
4	STD20 460-806463/7	20.0	41.136822	50.0	153850.0	2.056841	Y
5	STD50 460-806463/8	50.0	97.685327	50.0	166071.0	1.953707	Y
6	STD200 460-806463/9	200.0	419.914871	50.0	133679.0	2.099574	Y
7	STD500 460-806463/10	500.0	1094.92304	50.0	148908.0	2.189846	Y



# Calibration

/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

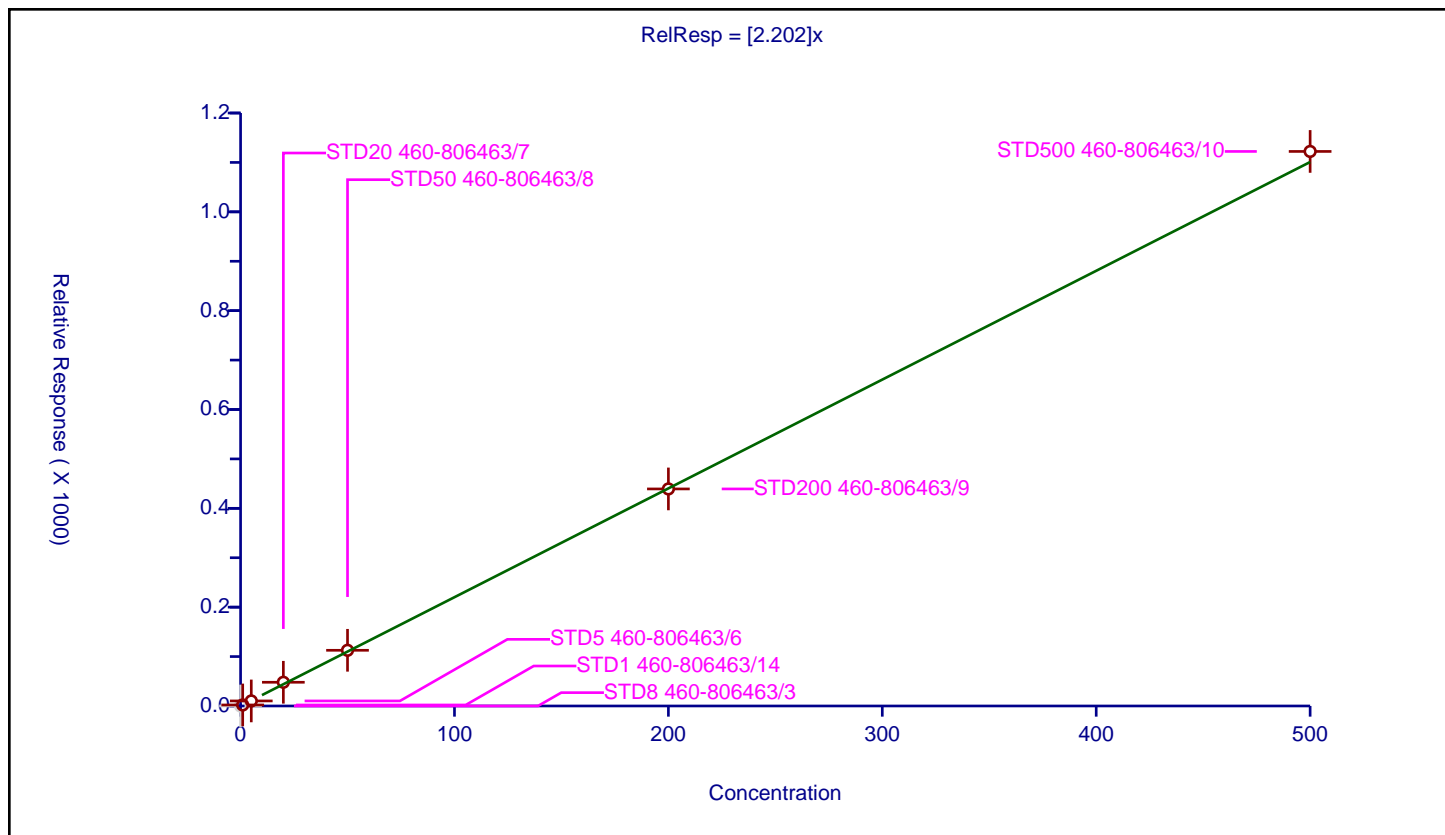
## Curve Coefficients

Intercept: 0  
 Slope: 2.202

## Error Coefficients

Standard Error: 1590000  
 Relative Standard Error: 6.0  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	2.07065	50.0	185618.0	2.07065	Y
3	STD5 460-806463/6	5.0	10.216786	50.0	157667.0	2.043357	Y
4	STD20 460-806463/7	20.0	48.024049	50.0	153850.0	2.401202	Y
5	STD50 460-806463/8	50.0	112.705108	50.0	166071.0	2.254102	Y
6	STD200 460-806463/9	200.0	439.232789	50.0	133679.0	2.196164	Y
7	STD500 460-806463/10	500.0	1122.250651	50.0	148908.0	2.244501	Y



# Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

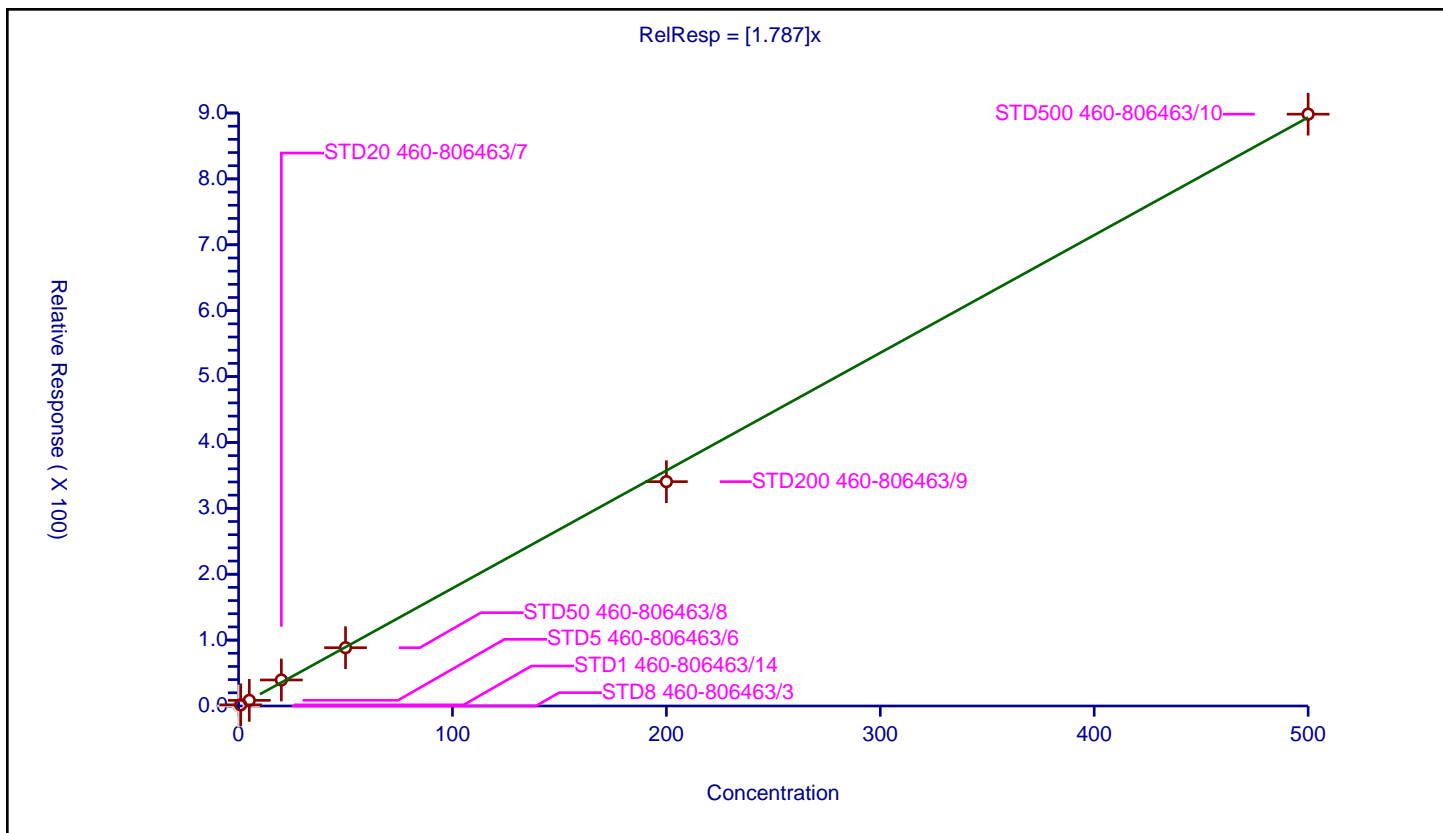
## Curve Coefficients

Intercept: 0  
 Slope: 1.787

## Error Coefficients

Standard Error: 1270000  
 Relative Standard Error: 5.5  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.768686	50.0	185618.0	1.768686	Y
3	STD5 460-806463/6	5.0	8.549982	50.0	157667.0	1.709996	Y
4	STD20 460-806463/7	20.0	39.466038	50.0	153850.0	1.973302	Y
5	STD50 460-806463/8	50.0	88.466379	50.0	166071.0	1.769328	Y
6	STD200 460-806463/9	200.0	340.496263	50.0	133679.0	1.702481	Y
7	STD500 460-806463/10	500.0	898.254291	50.0	148908.0	1.796509	Y



# Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

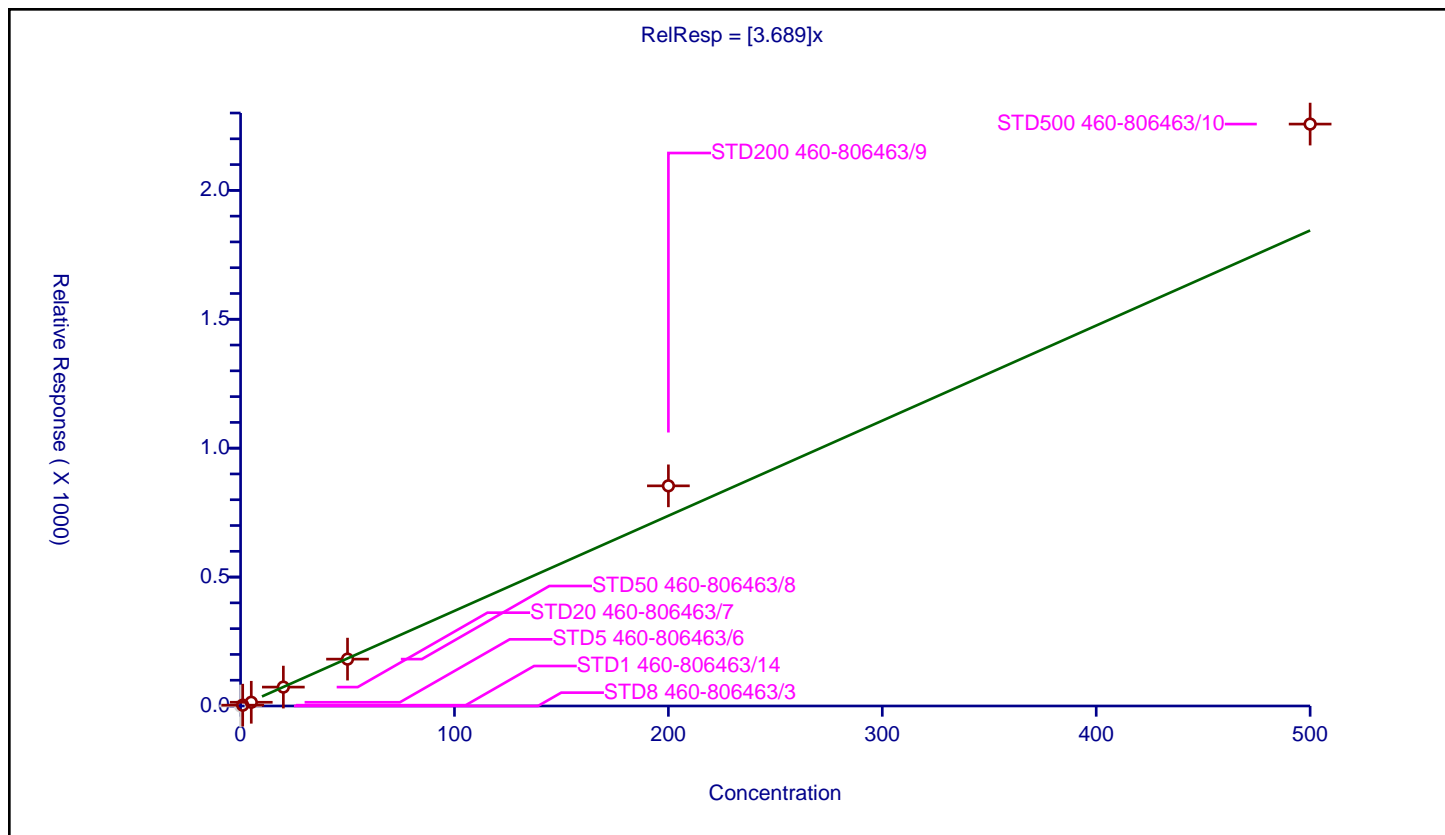
## Curve Coefficients

Intercept: 0  
 Slope: 3.689

## Error Coefficients

Standard Error: 3190000  
 Relative Standard Error: 16.9  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.173992	50.0	185618.0	3.173992	Y
3	STD5 460-806463/6	5.0	14.390456	50.0	157667.0	2.878091	Y
4	STD20 460-806463/7	20.0	73.238869	50.0	153850.0	3.661943	Y
5	STD50 460-806463/8	50.0	181.829458	50.0	166071.0	3.636589	Y
6	STD200 460-806463/9	200.0	853.858123	50.0	133679.0	4.269291	Y
7	STD500 460-806463/10	500.0	2257.087598	50.0	148908.0	4.514175	Y



# Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

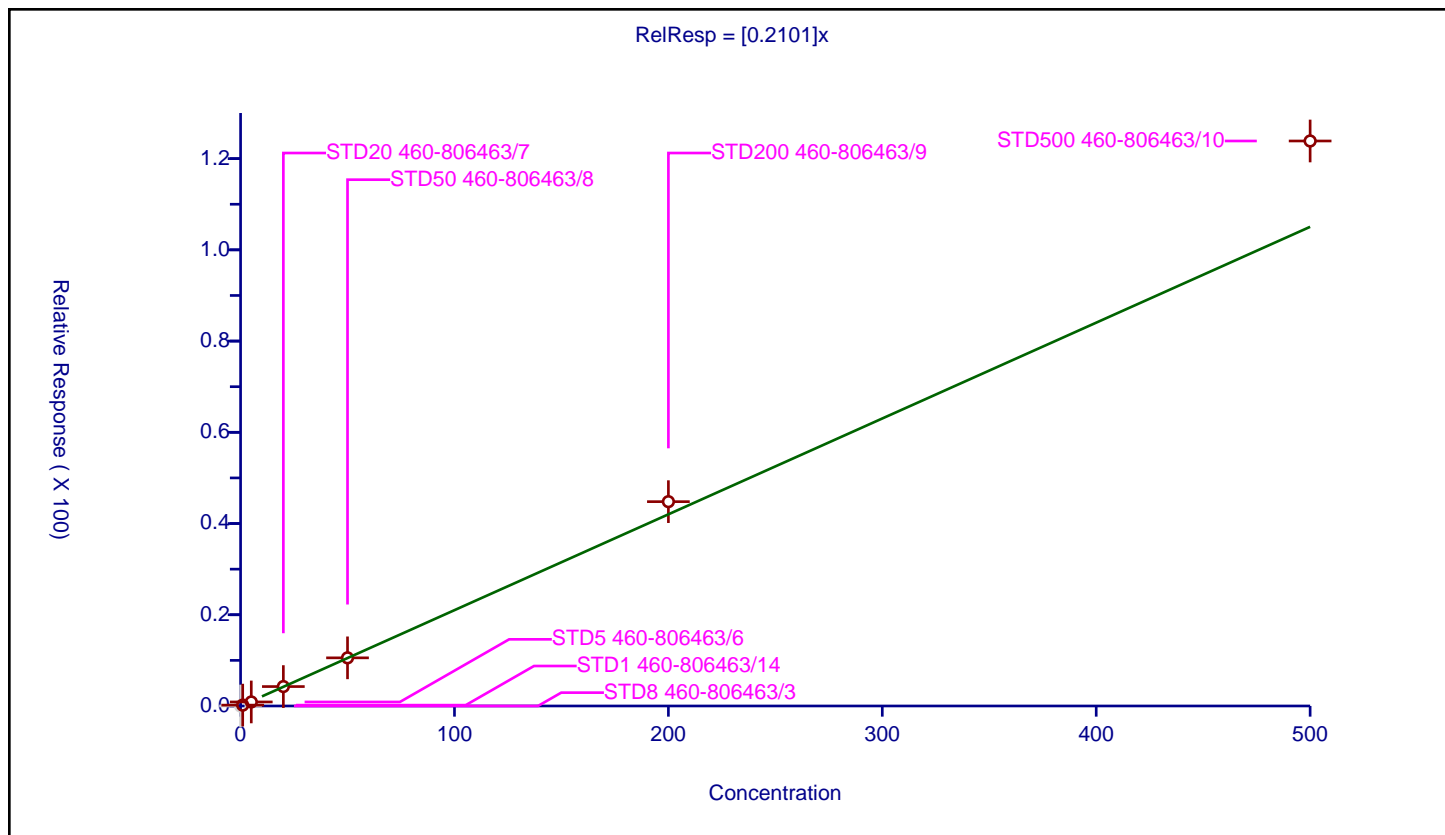
## Curve Coefficients

Intercept: 0  
 Slope: 0.2101

## Error Coefficients

Standard Error: 174000  
 Relative Standard Error: 12.1  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	0.188021	50.0	185618.0	0.188021	Y
3	STD5 460-806463/6	5.0	0.883508	50.0	157667.0	0.176702	Y
4	STD20 460-806463/7	20.0	4.260968	50.0	153850.0	0.213048	Y
5	STD50 460-806463/8	50.0	10.553619	50.0	166071.0	0.211072	Y
6	STD200 460-806463/9	200.0	44.79836	50.0	133679.0	0.223992	Y
7	STD500 460-806463/10	500.0	123.86675	50.0	148908.0	0.247733	Y



# Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

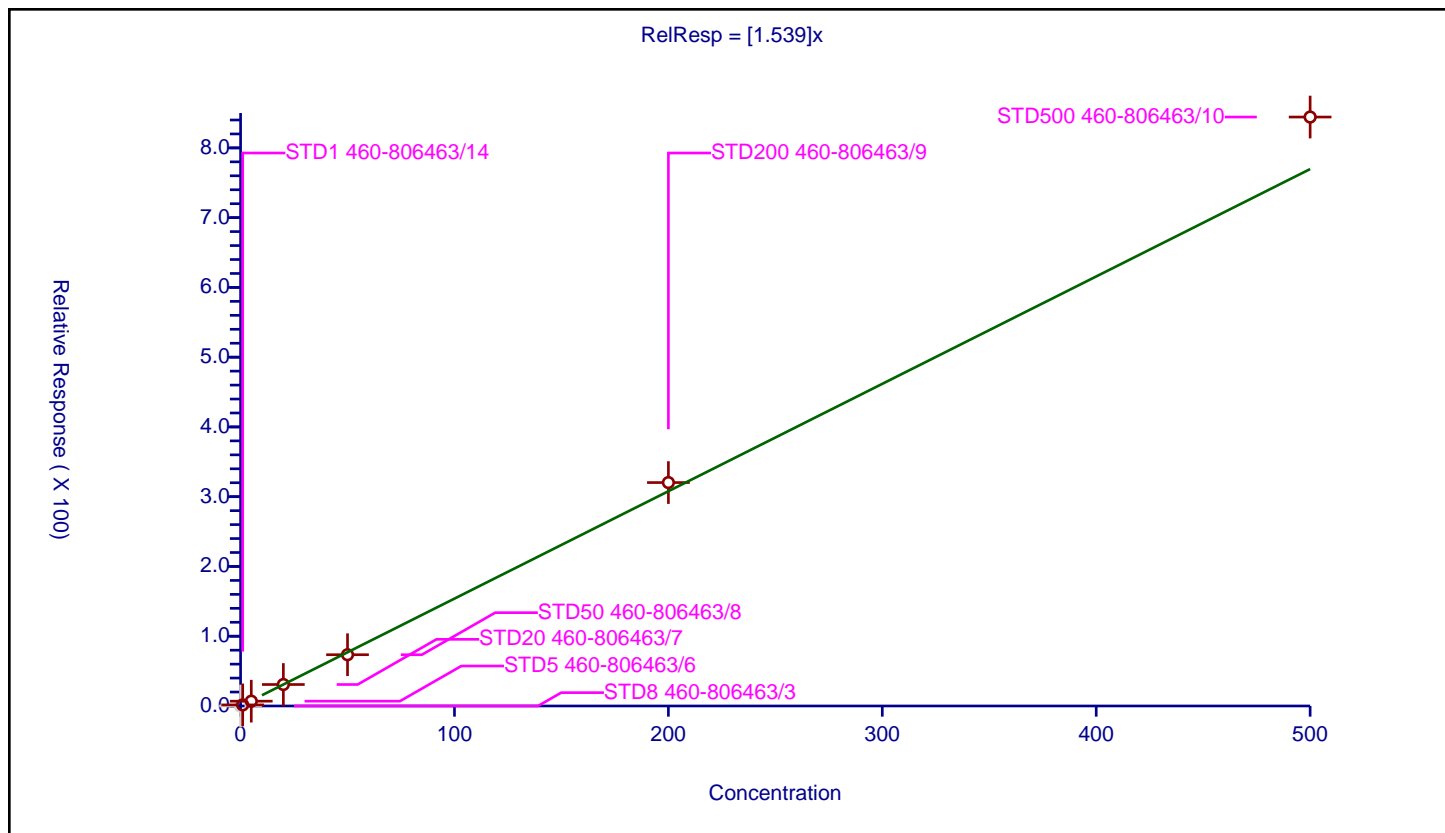
## Curve Coefficients

Intercept: 0  
 Slope: 1.539

## Error Coefficients

Standard Error: 1190000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.560463	50.0	185618.0	1.560463	Y
3	STD5 460-806463/6	5.0	6.884446	50.0	157667.0	1.376889	Y
4	STD20 460-806463/7	20.0	30.776406	50.0	153850.0	1.53882	Y
5	STD50 460-806463/8	50.0	73.479114	50.0	166071.0	1.469582	Y
6	STD200 460-806463/9	200.0	320.255986	50.0	133679.0	1.60128	Y
7	STD500 460-806463/10	500.0	844.245104	50.0	148908.0	1.68849	Y



# Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

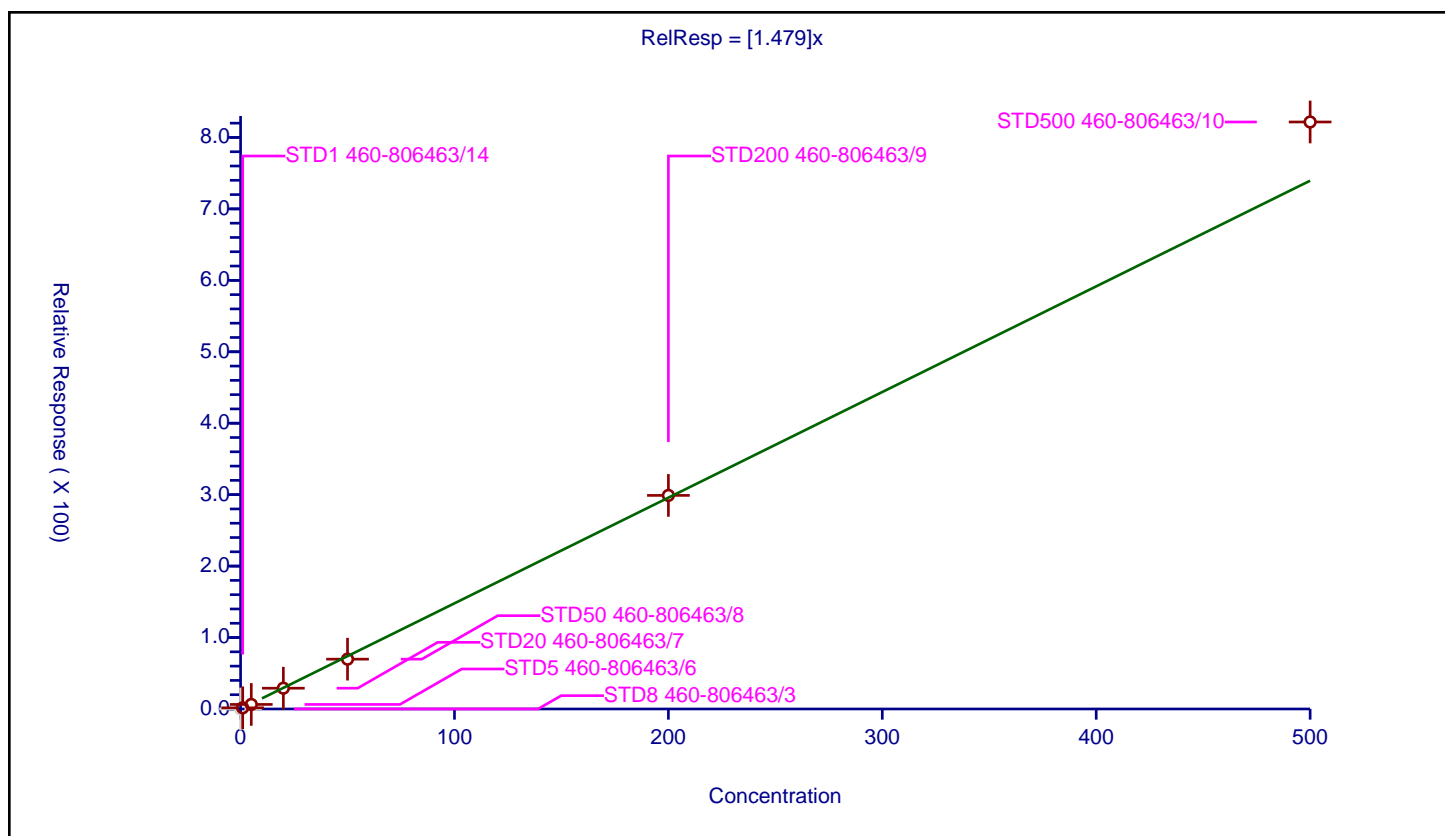
## Curve Coefficients

Intercept: 0  
 Slope: 1.479

## Error Coefficients

Standard Error: 1160000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.609488	50.0	185618.0	1.609488	Y
3	STD5 460-806463/6	5.0	6.377048	50.0	157667.0	1.27541	Y
4	STD20 460-806463/7	20.0	29.110172	50.0	153850.0	1.455509	Y
5	STD50 460-806463/8	50.0	69.743664	50.0	166071.0	1.394873	Y
6	STD200 460-806463/9	200.0	298.980767	50.0	133679.0	1.494904	Y
7	STD500 460-806463/10	500.0	821.645916	50.0	148908.0	1.643292	Y



# Calibration

/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

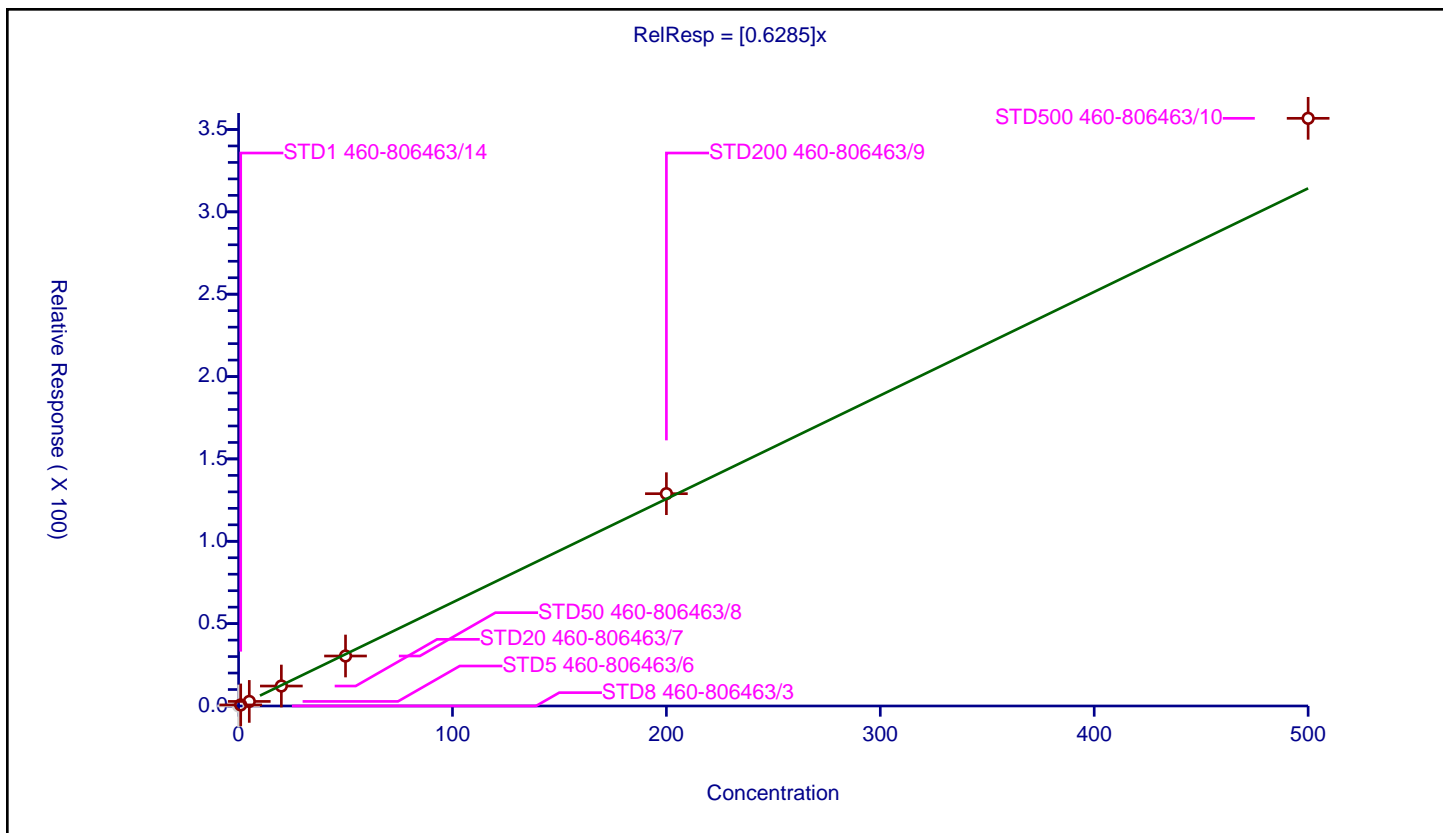
## Curve Coefficients

Intercept: 0  
 Slope: 0.6285

## Error Coefficients

Standard Error: 502000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	0.645142	50.0	185618.0	0.645142	Y
3	STD5 460-806463/6	5.0	2.775153	50.0	157667.0	0.555031	Y
4	STD20 460-806463/7	20.0	12.121222	50.0	153850.0	0.606061	Y
5	STD50 460-806463/8	50.0	30.351476	50.0	166071.0	0.60703	Y
6	STD200 460-806463/9	200.0	128.887858	50.0	133679.0	0.644439	Y
7	STD500 460-806463/10	500.0	356.779018	50.0	148908.0	0.713558	Y





## Calibration

/ Naphthalene

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

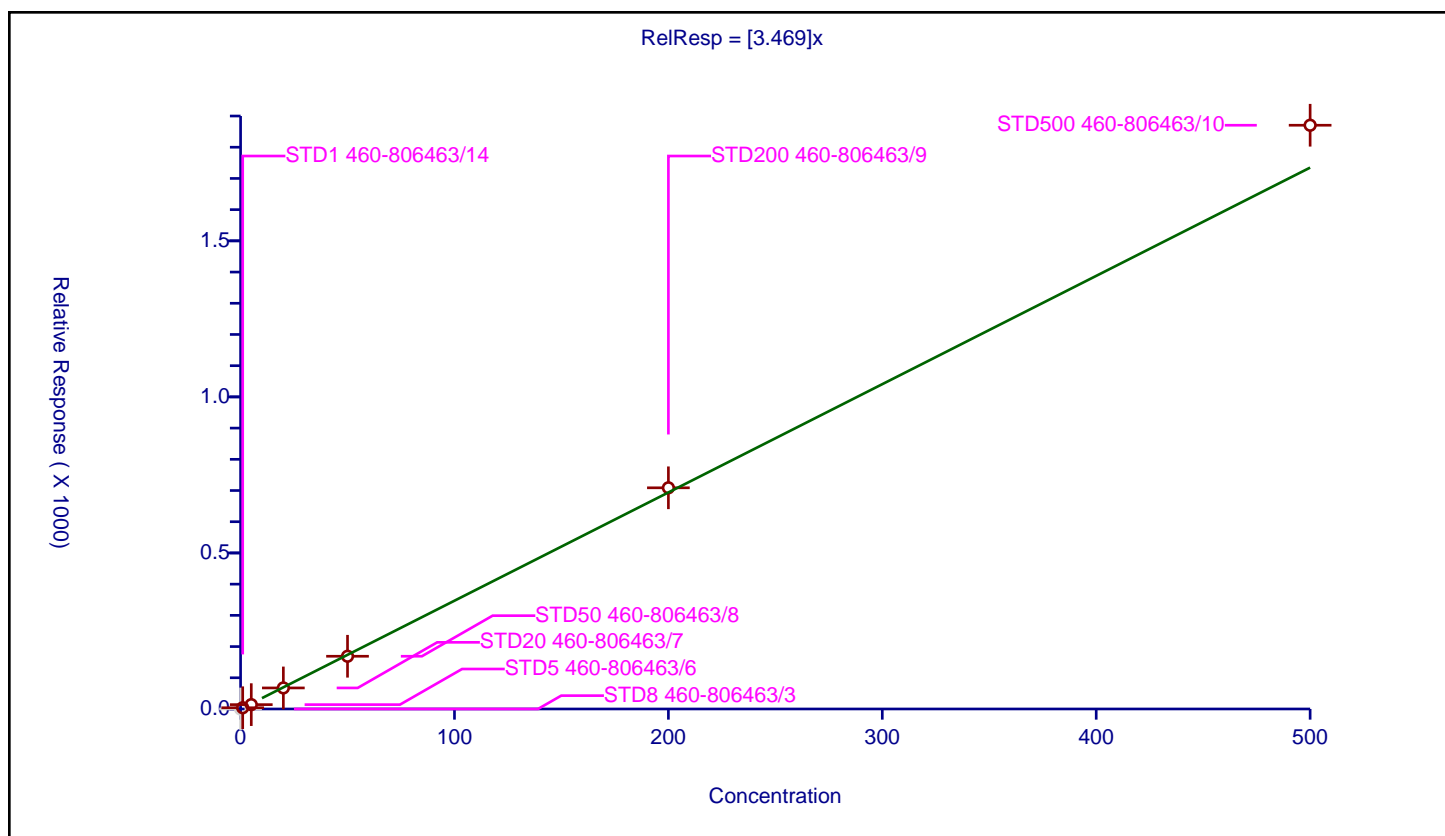
## Curve Coefficients

**Intercept:** 0  
**Slope:** 3.469

## Error Coefficients

**Standard Error:** 2640000  
**Relative Standard Error:** 11.5  
**Correlation Coefficient:** 0.996  
**Coefficient of Determination (Adjusted):** 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	3.976446	50.0	185618.0	3.976446	Y
3	STD5 460-806463/6	5.0	14.009273	50.0	157667.0	2.801855	Y
4	STD20 460-806463/7	20.0	67.467663	50.0	153850.0	3.373383	Y
5	STD50 460-806463/8	50.0	168.988264	50.0	166071.0	3.379765	Y
6	STD200 460-806463/9	200.0	708.725005	50.0	133679.0	3.543625	Y
7	STD500 460-806463/10	500.0	1870.444167	50.0	148908.0	3.740888	Y



# Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

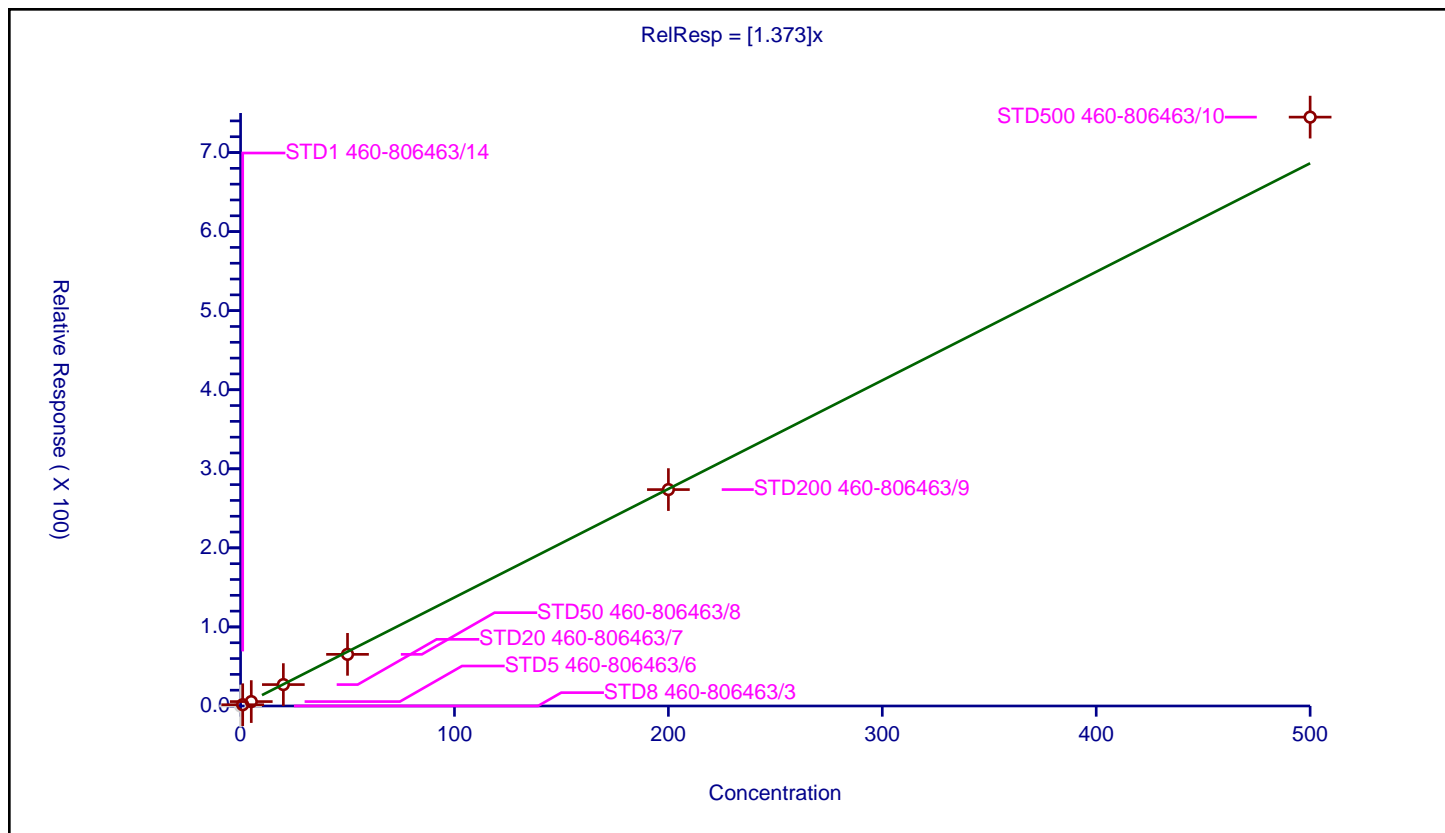
## Curve Coefficients

Intercept: 0  
 Slope: 1.373

## Error Coefficients

Standard Error: 1050000  
 Relative Standard Error: 12.2  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-806463/3	0.0	0.0	50.0	159733.0	NaN	N
2	STD1 460-806463/14	1.0	1.606256	50.0	185618.0	1.606256	Y
3	STD5 460-806463/6	5.0	5.568064	50.0	157667.0	1.113613	Y
4	STD20 460-806463/7	20.0	27.055249	50.0	153850.0	1.352762	Y
5	STD50 460-806463/8	50.0	65.322061	50.0	166071.0	1.306441	Y
6	STD200 460-806463/9	200.0	273.70866	50.0	133679.0	1.368543	Y
7	STD500 460-806463/10	500.0	744.797795	50.0	148908.0	1.489596	Y



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-806463/16 Calibration Date: 10/12/2021 13:42  
 Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08  
 Lab File ID: TT45713.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
Monochloropentafluoroethane	Ave	0.0310	0.0214		13.8	20.0	-31.1*	30.0
Chlorotrifluoroethene	Qua2		0.1062		17.5	20.0	-12.5	30.0
1,1-Difluoroethane	Ave	0.2696	0.2564		19.0	20.0	-4.9	30.0
Dichlorodifluoromethane	Qua2		0.4451	0.1000	21.2	20.0	5.9	30.0
Chlorodifluoromethane	Ave	0.0993	0.0832		16.8	20.0	-16.1	30.0
Chloromethane	Ave	0.8317	1.082	0.1000	26.0	20.0	30.1*	30.0
Butadiene	Ave	0.5119	0.5295		20.7	20.0	3.4	30.0
Vinyl chloride	Ave	0.6207	0.6945	0.1000	22.4	20.0	11.9	30.0
Bromomethane	Ave	2.389	2.545	0.1000	21.3	20.0	6.5	30.0
Chloroethane	Ave	2.288	2.381	0.1000	20.8	20.0	4.1	30.0
Pentane	Ave	0.0621	0.0719		46.3	40.0	15.7	30.0
Dichlorofluoromethane	Ave	0.8199	0.8577		20.9	20.0	4.6	30.0
Trichlorofluoromethane	Ave	0.4615	0.4907	0.1000	21.3	20.0	6.3	30.0
Ethyl ether	Ave	0.2301	0.2555		22.2	20.0	11.1	30.0
Ethanol	QuaF		0.7698		970	800	21.3	30.0
2-Methyl-1,3-butadiene	Ave	0.3983	0.4579		23.0	20.0	15.0	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2936	0.3061		20.9	20.0	4.3	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.5463	0.5725		21.0	20.0	4.8	30.0
Acrolein	Ave	0.0796	0.0899		45.2	40.1	12.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2877	0.3010	0.1000	20.9	20.0	4.6	30.0
1,1-Dichloroethene	Ave	0.3252	0.3485	0.1000	21.4	20.0	7.2	30.0
Acetone	Ave	0.9430	0.9681	0.0500	103	100	2.7	30.0
Iodomethane	Ave	0.5323	0.5608		21.1	20.0	5.4	30.0
Isopropyl alcohol	Ave	6.772	8.069		238	200	19.1	30.0
Carbon disulfide	Ave	1.484	1.496	0.1000	20.2	20.0	0.8	30.0
3-Chloro-1-propene	Ave	0.2939	0.3584		24.4	20.0	21.9	30.0
Methyl acetate	Ave	0.3749	0.4370	0.1000	46.6	40.0	16.6	30.0
Cyclopentene	Ave	0.9661	1.104		22.9	20.0	14.3	30.0
Acetonitrile	Ave	0.3193	0.3430		215	200	7.4	30.0
Methylene Chloride	Ave	0.4298	0.4546	0.1000	21.2	20.0	5.8	30.0
2-Methyl-2-propanol	Ave	9.561	11.10		232	200	16.1	30.0
Methyl tert-butyl ether	Ave	1.110	1.180	0.1000	21.3	20.0	6.4	30.0
trans-1,2-Dichloroethene	Ave	0.3673	0.3936	0.1000	21.4	20.0	7.2	30.0
Acrylonitrile	Ave	0.1831	0.2027		221	200	10.7	30.0
Hexane	Ave	0.5640	0.5670		20.1	20.0	0.5	30.0
Isopropyl ether	Ave	1.794	1.931		21.5	20.0	7.6	30.0
1,1-Dichloroethane	Ave	0.8266	0.8658	0.2000	20.9	20.0	4.7	30.0
Vinyl acetate	Ave	0.4360	0.3711		34.1	40.0	-14.9	30.0
2-Chloro-1,3-butadiene	Ave	0.3256	0.3476		21.4	20.0	6.8	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-806463/16 Calibration Date: 10/12/2021 13:42

Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08

Lab File ID: TT45713.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
Tert-butyl ethyl ether	Ave	1.371	1.513		22.1	20.0	10.3	30.0
2,2-Dichloropropane	Lin2		0.1135		18.5	20.0	-7.7	30.0
cis-1,2-Dichloroethene	Ave	0.4111	0.4299	0.1000	20.9	20.0	4.6	30.0
2-Butanone (MEK)	Ave	0.2427	0.2924	0.0500	120	100	20.5	30.0
Ethyl acetate	Ave	0.2256	0.2833		50.2	40.0	25.6	30.0
Methyl acrylate	Ave	0.3681	0.4131		22.4	20.0	12.2	30.0
Propionitrile	Ave	11.00	15.46		281	200	40.6*	30.0
Chlorobromomethane	Ave	0.1817	0.1889		20.8	20.0	4.0	30.0
Tetrahydrofuran	Ave	0.2923	0.3220		44.1	40.0	10.2	30.0
Methacrylonitrile	Ave	0.1499	0.1782		238	200	18.9	30.0
Chloroform	Ave	0.6418	0.6934	0.2000	21.6	20.0	8.0	30.0
Cyclohexane	Ave	0.4924	0.5217	0.1000	21.2	20.0	6.0	30.0
1,1,1-Trichloroethane	Ave	0.4948	0.5127	0.1000	20.7	20.0	3.6	30.0
Carbon tetrachloride	Ave	0.3940	0.4061	0.1000	20.6	20.0	3.1	30.0
1,1-Dichloropropene	Ave	0.5214	0.5529		21.2	20.0	6.0	30.0
Isooctane	Ave	1.444	1.403		19.4	20.0	-2.8	30.0
Isobutyl alcohol	Qua2		4.216		628	500	25.6	30.0
Benzene	Ave	2.109	2.293	0.5000	21.7	20.0	8.7	30.0
Tert-amyl methyl ether	Ave	1.245	1.402		22.5	20.0	12.6	30.0
1,2-Dichloroethane	Ave	0.5281	0.5746	0.1000	21.8	20.0	8.8	30.0
Isopropyl acetate	Ave	0.2072	0.2455		23.7	20.0	18.5	30.0
n-Heptane	Ave	0.0755	0.0727		19.3	20.0	-3.7	30.0
Trichloroethene	Ave	0.3498	0.3795	0.2000	21.7	20.0	8.5	30.0
Methylcyclohexane	Ave	0.5676	0.5912	0.1000	20.8	20.0	4.2	30.0
Ethyl acrylate	Ave	0.0424	0.0482		22.8	20.0	13.8	30.0
1,2-Dichloropropane	Ave	0.4442	0.4837	0.1000	21.8	20.0	8.9	30.0
Methyl methacrylate	Qua2		0.0902		47.9	40.0	19.9	30.0
Dibromomethane	Ave	0.2230	0.2475		22.2	20.0	11.0	30.0
1,4-Dioxane	Ave	1.497	1.695		453	400	13.2	30.0
n-Propyl acetate	QuaF		0.6497		19.9	20.0	-0.4	30.0
Dichlorobromomethane	Ave	0.4754	0.5171	0.2000	21.8	20.0	8.8	30.0
2-Nitropropane	Ave	0.1223	0.1134		37.1	40.0	-7.3	30.0
2-Chloroethyl vinyl ether	Ave	0.2384	0.2749		23.1	20.0	15.3	30.0
Epichlorohydrin	QuaF		0.4117		35.4	20.0	76.8*	30.0
cis-1,3-Dichloropropene	Ave	0.8456	0.9130	0.2000	21.6	20.0	8.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.9942	1.121	0.0500	113	100	12.8	30.0
Toluene	Ave	1.976	2.159	0.4000	21.9	20.0	9.3	30.0
trans-1,3-Dichloropropene	Ave	0.7485	0.8188	0.1000	21.9	20.0	9.4	30.0
Ethyl methacrylate	Qua2		0.7311		22.0	20.0	10.0	30.0
1,1,2-Trichloroethane	Ave	0.3809	0.4381	0.1000	23.0	20.0	15.0	30.0
Tetrachloroethene	Ave	0.3994	0.4487	0.2000	22.5	20.0	12.3	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-806463/16 Calibration Date: 10/12/2021 13:42

Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08

Lab File ID: TT45713.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
1,3-Dichloropropane	Ave	0.7802	0.8785		22.5	20.0	12.6	30.0
2-Hexanone	QuaF		1.806	0.0500	101	100	1.4	30.0
Chlorodibromomethane	Ave	0.4019	0.4484	0.1000	22.3	20.0	11.6	30.0
n-Butyl acetate	QuaF		1.211		22.5	20.0	12.7	30.0
Ethylene Dibromide	Ave	0.3912	0.4451	0.1000	22.8	20.0	13.8	30.0
Chlorobenzene	Ave	1.210	1.331	0.5000	22.0	20.0	10.0	30.0
Ethylbenzene	Ave	0.6289	0.6961	0.1000	22.1	20.0	10.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4258	0.4523		21.2	20.0	6.2	30.0
m-Xylene & p-Xylene	Ave	0.7613	0.8392	0.1000	22.0	20.0	10.2	30.0
o-Xylene	Ave	0.7904	0.8549	0.3000	21.6	20.0	8.2	30.0
n-Butyl acrylate	QuaF		0.4528		21.5	20.0	7.7	30.0
Styrene	Ave	1.235	1.364	0.3000	22.1	20.0	10.5	30.0
Bromoform	Ave	0.2627	0.2853	0.1000	21.7	20.0	8.6	30.0
Amyl acetate (mixed isomers)	QuaF		2.493		18.1	20.0	-9.6	30.0
Isopropylbenzene	Ave	2.046	2.246	0.1000	22.0	20.0	9.8	30.0
Bromobenzene	Ave	0.9885	1.043		21.1	20.0	5.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.318	1.437	0.3000	21.8	20.0	9.1	30.0
N-Propylbenzene	Ave	5.396	5.852		21.7	20.0	8.5	30.0
1,2,3-Trichloropropane	Ave	0.2907	0.3312		22.8	20.0	13.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3555	0.3902		22.0	20.0	9.8	30.0
2-Chlorotoluene	Ave	3.411	3.697		21.7	20.0	8.4	30.0
4-Ethyltoluene	Ave	3.975	4.610		23.2	20.0	16.0	30.0
1,3,5-Trimethylbenzene	Ave	3.483	3.736		21.5	20.0	7.3	30.0
4-Chlorotoluene	Ave	3.516	3.911		22.2	20.0	11.2	30.0
Butyl Methacrylate	QuaF		1.375		19.0	20.0	-4.9	30.0
tert-Butylbenzene	Ave	2.778	2.961		21.3	20.0	6.6	30.0
1,2,4-Trimethylbenzene	Ave	3.570	3.852		21.6	20.0	7.9	30.0
sec-Butylbenzene	Ave	4.629	4.911		21.2	20.0	6.1	30.0
1,3-Dichlorobenzene	Ave	1.863	1.974	0.6000	21.2	20.0	6.0	30.0
4-Isopropyltoluene	Ave	3.669	3.906		21.3	20.0	6.5	30.0
1,4-Dichlorobenzene	Ave	1.882	2.005	0.5000	21.3	20.0	6.6	30.0
1,2,3-Trimethylbenzene	Ave	3.798	4.031		21.2	20.0	6.1	30.0
Benzyl chloride	Ave	1.985	1.809		18.2	20.0	-8.8	30.0
Indan	Ave	3.500	3.970		22.7	20.0	13.4	30.0
p-Diethylbenzene	Ave	1.951	2.548		26.1	20.0	30.6*	30.0
n-Butylbenzene	Ave	2.202	2.355		21.4	20.0	7.0	30.0
1,2-Dichlorobenzene	Ave	1.787	1.951	0.4000	21.8	20.0	9.2	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.689	3.793		20.6	20.0	2.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2101	0.2175	0.0500	20.7	20.0	3.5	30.0
1,3,5-Trichlorobenzene	Ave	1.539	1.541		20.0	20.0	0.1	30.0
1,2,4-Trichlorobenzene	Ave	1.479	1.469	0.2000	19.9	20.0	-0.6	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-806463/16 Calibration Date: 10/12/2021 13:42  
 Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08  
 Lab File ID: TT45713.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
Hexachlorobutadiene	Ave	0.6285	0.6407		20.4	20.0	1.9	30.0
Naphthalene	Ave	3.469	3.613		20.8	20.0	4.1	30.0
1,2,3-Trichlorobenzene	Ave	1.373	1.380		20.1	20.0	0.6	30.0
n-Butanol	Ave	0.8763			8.70	500		
Dibromofluoromethane (Surr)	Ave	0.2504	0.2451		48.9	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3569	0.3437		48.2	50.0	-3.7	30.0
Toluene-d8 (Surr)	Ave	1.317	1.353		51.4	50.0	2.7	30.0
4-Bromofluorobenzene	Ave	0.3554	0.3627		51.0	50.0	2.1	30.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D  
 Lims ID: ICV  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 12-Oct-2021 13:42:30 ALS Bottle#: 15 Worklist Smp#: 16  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0135876-016  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist:  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:15:29 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 14:08:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.147	1.165	-0.018	64	4175	20.0	13.8	a
3 Chlorotrifluoroethene	116	1.208	1.226	-0.018	93	20761	20.0	17.5	a
2 1,1-Difluoroethane	65	1.226	1.244	-0.018	91	50103	20.0	19.0	
4 Dichlorodifluoromethane	85	1.238	1.263	-0.025	66	86972	20.0	21.2	
5 Chlorodifluoromethane	67	1.251	1.287	-0.036	97	16267	20.0	16.8	
6 Chloromethane	50	1.373	1.397	-0.024	99	211511	20.0	26.0	
8 Butadiene	54	1.427	1.439	-0.012	95	103472	20.0	20.7	
7 Vinyl chloride	62	1.427	1.452	-0.025	98	135706	20.0	22.4	
9 Bromomethane	94	1.641	1.665	-0.024	99	82696	20.0	21.3	
10 Chloroethane	64	1.671	1.695	-0.024	100	77369	20.0	20.8	
12 Trichlorofluoromethane	101	1.818	1.830	-0.012	38	95888	20.0	21.3	
11 Dichlorofluoromethane	67	1.805	1.836	-0.031	70	167605	20.0	20.9	
13 Pentane	72	1.799	1.842	-0.043	97	28106	40.0	46.3	
14 Ethanol	46	1.952	1.988	-0.036	83	24387	800.0	970.4	
15 Ethyl ether	74	1.946	1.988	-0.042	89	49933	20.0	22.2	
16 2-Methyl-1,3-butadiene	53	1.964	2.006	-0.042	95	89485	20.0	23.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.019	2.049	-0.030	92	59808	20.0	20.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.055	2.092	-0.037	95	111881	20.0	21.0	a
19 Acrolein	56	2.080	2.122	-0.042	95	35195	40.1	45.2	
21 1,1-Dichloroethene	96	2.116	2.153	-0.037	93	68101	20.0	21.4	
20 1,1,2,2-Tetrafluoroethane	101	2.116	2.153	-0.037	41	58825	20.0	20.9	a
22 Acetone	43	2.177	2.220	-0.043	85	157267	100.0	102.7	
23 Iodomethane	142	2.238	2.281	-0.043	99	109591	20.0	21.1	
24 Carbon disulfide	76	2.263	2.305	-0.042	100	292310	20.0	20.2	
25 Isopropyl alcohol	45	2.257	2.311	-0.054	51	63902	200.0	238.3	a
26 3-Chloro-1-propene	76	2.354	2.403	-0.049	88	70036	20.0	24.4	
27 Methyl acetate	43	2.360	2.415	-0.055	80	170807	40.0	46.6	
28 Cyclopentene	67	2.372	2.415	-0.043	92	215702	20.0	22.9	
29 Acetonitrile	41	2.403	2.464	-0.061	96	111444	200.0	214.9	a
30 Methylene Chloride	84	2.464	2.512	-0.048	96	88838	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.482	2.519	-0.036	98	39599	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.525	2.573	-0.048	93	87906	200.0	232.2	a
33 Methyl tert-butyl ether	73	2.604	2.647	-0.043	87	230628	20.0	21.3	
34 trans-1,2-Dichloroethene	96	2.610	2.659	-0.049	96	76915	20.0	21.4	
35 Acrylonitrile	53	2.665	2.720	-0.055	95	396183	200.0	221.5	
36 Hexane	57	2.732	2.787	-0.055	95	110793	20.0	20.1	
37 Isopropyl ether	45	2.921	2.976	-0.055	86	377337	20.0	21.5	
38 1,1-Dichloroethane	63	2.939	2.988	-0.049	98	169182	20.0	20.9	
39 Vinyl acetate	86	2.952	3.000	-0.048	100	24115	40.0	34.1	
40 2-Chloro-1,3-butadiene	88	2.970	3.025	-0.054	94	67928	20.0	21.4	
41 Tert-butyl ethyl ether	59	3.183	3.244	-0.061	87	295698	20.0	22.1	
* 42 2-Butanone-d5	46	3.348	3.409	-0.061	99	406103	250.0	250.0	
43 2,2-Dichloropropane	97	3.366	3.421	-0.055	68	22179	20.0	18.5	
44 cis-1,2-Dichloroethene	96	3.378	3.433	-0.055	90	83999	20.0	20.9	
45 2-Butanone (MEK)	72	3.397	3.451	-0.054	95	47498	100.0	120.5	
46 Ethyl acetate	70	3.409	3.463	-0.054	96	18408	40.0	50.2	
47 Methyl acrylate	55	3.445	3.500	-0.055	98	80725	20.0	22.4	a
48 Propionitrile	54	3.512	3.573	-0.061	99	122405	200.0	281.1	
49 Chlorobromomethane	128	3.567	3.628	-0.061	93	36917	20.0	20.8	
50 Tetrahydrofuran	72	3.579	3.640	-0.061	51	20925	40.0	44.1	
51 Methacrylonitrile	67	3.592	3.652	-0.060	97	348313	200.0	237.8	
52 Chloroform	83	3.622	3.677	-0.055	97	135492	20.0	21.6	
53 Cyclohexane	84	3.732	3.787	-0.055	98	101950	20.0	21.2	
54 1,1,1-Trichloroethane	97	3.744	3.805	-0.061	95	100182	20.0	20.7	
\$ 55 Dibromofluoromethane (Surr)	113	3.756	3.817	-0.061	96	119735	50.0	48.9	
56 Carbon tetrachloride	117	3.848	3.908	-0.060	95	79364	20.0	20.6	
57 1,1-Dichloropropene	75	3.866	3.927	-0.061	92	108043	20.0	21.2	
59 Isooctane	57	4.031	4.091	-0.060	99	274144	20.0	19.4	
58 Isobutyl alcohol	43	4.037	4.097	-0.060	46	83466	500.0	627.9	a
60 Benzene	78	4.043	4.104	-0.061	98	324946	20.0	21.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.122	-0.061	94	167929	50.0	48.2	
62 Tert-amyl methyl ether	73	4.122	4.183	-0.061	84	273979	20.0	22.5	
64 1,2-Dichloroethane	62	4.128	4.189	-0.061	94	112278	20.0	21.8	
63 Isopropyl acetate	61	4.128	4.189	-0.061	96	47974	20.0	23.7	
65 n-Heptane	100	4.201	4.262	-0.061	98	14209	20.0	19.3	
* 66 Fluorobenzene	96	4.305	4.366	-0.061	97	488531	50.0	50.0	
68 Trichloroethene	95	4.622	4.689	-0.067	95	74160	20.0	21.7	
69 Methylcyclohexane	83	4.738	4.805	-0.067	92	115530	20.0	20.8	a
70 Ethyl acrylate	99	4.768	4.841	-0.073	96	9425	20.0	22.8	a
71 1,2-Dichloropropane	63	4.884	4.951	-0.067	91	94528	20.0	21.8	
73 Methyl methacrylate	100	4.988	5.055	-0.067	95	35243	40.0	47.9	
* 72 1,4-Dioxane-d8	96	4.969	5.055	-0.086	89	25097	1000.0	1000.0	
74 Dibromomethane	93	5.006	5.067	-0.061	94	48372	20.0	22.2	
75 1,4-Dioxane	88	5.024	5.097	-0.073	87	17012	400.0	452.9	a
76 n-Propyl acetate	43	5.049	5.122	-0.073	99	126956	20.0	19.9	
77 Dichlorobromomethane	83	5.152	5.219	-0.067	98	101042	20.0	21.8	
78 2-Nitropropane	41	5.475	5.542	-0.067	98	44300	40.0	37.1	
79 2-Chloroethyl vinyl ether	63	5.488	5.554	-0.066	96	53711	20.0	23.1	
80 Epichlorohydrin	57	5.488	5.658	-0.170	44	13377	20.0	35.4	a
81 cis-1,3-Dichloropropene	75	5.622	5.689	-0.067	97	129394	20.0	21.6	
82 4-Methyl-2-pentanone (MIBK)	58	5.799	5.865	-0.066	98	182142	100.0	112.8	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.914	-0.073	98	479579	50.0	51.4	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.914	5.981	-0.067	92	306010	20.0	21.9	
85 trans-1,3-Dichloropropene	75	6.262	6.335	-0.073	97	116055	20.0	21.9	
86 Ethyl methacrylate	69	6.323	6.390	-0.067	94	103615	20.0	22.0	
87 1,1,2-Trichloroethane	83	6.463	6.536	-0.073	93	62093	20.0	23.0	
88 Tetrachloroethene	166	6.481	6.554	-0.073	94	63599	20.0	22.5	
89 1,3-Dichloropropane	76	6.658	6.725	-0.067	98	124516	20.0	22.5	
90 2-Hexanone	43	6.756	6.829	-0.073	99	293314	100.0	101.4	
92 Chlorodibromomethane	129	6.865	6.944	-0.079	97	63555	20.0	22.3	
91 n-Butyl acetate	43	6.884	6.963	-0.079	97	171706	20.0	22.5	
93 Ethylene Dibromide	107	7.000	7.079	-0.079	98	63080	20.0	22.8	
* 94 Chlorobenzene-d5	117	7.536	7.609	-0.073	90	354326	50.0	50.0	
95 Chlorobenzene	112	7.573	7.646	-0.073	90	188661	20.0	22.0	
96 Ethylbenzene	106	7.682	7.761	-0.079	99	98664	20.0	22.1	
97 1,1,1,2-Tetrachloroethane	131	7.695	7.774	-0.079	93	64108	20.0	21.2	
98 m-Xylene & p-Xylene	106	7.841	7.920	-0.079	99	118942	20.0	22.0	
99 o-Xylene	106	8.347	8.420	-0.073	92	121159	20.0	21.6	
101 Styrene	104	8.390	8.462	-0.072	91	193382	20.0	22.1	
100 n-Butyl acrylate	73	8.390	8.469	-0.079	95	64176	20.0	21.5	
102 Bromoform	173	8.633	8.712	-0.079	94	40437	20.0	21.7	
103 Amyl acetate (mixed isomers)	43	8.700	8.779	-0.079	87	174130	20.0	18.1	
104 Isopropylbenzene	105	8.822	8.895	-0.073	97	318331	20.0	22.0	
\$ 105 4-Bromofluorobenzene	174	9.072	9.145	-0.073	0	128526	50.0	51.0	a
106 Bromobenzene	156	9.225	9.298	-0.073	91	72861	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	9.341	9.407	-0.066	97	100368	20.0	21.8	
108 N-Propylbenzene	91	9.353	9.426	-0.073	98	408740	20.0	21.7	
109 1,2,3-Trichloropropane	110	9.377	9.450	-0.073	95	23131	20.0	22.8	
110 trans-1,4-Dichloro-2-butene	53	9.420	9.493	-0.073	83	27250	20.0	22.0	
111 2-Chlorotoluene	91	9.462	9.529	-0.067	96	258180	20.0	21.7	a
112 4-Ethyltoluene	105	9.499	9.566	-0.067	98	321961	20.0	23.2	a
113 1,3,5-Trimethylbenzene	105	9.591	9.651	-0.061	92	260928	20.0	21.5	
114 4-Chlorotoluene	91	9.603	9.670	-0.067	99	273143	20.0	22.2	
115 Butyl Methacrylate	87	9.755	9.816	-0.061	95	95998	20.0	19.0	
116 tert-Butylbenzene	119	9.926	9.987	-0.061	90	206781	20.0	21.3	
117 1,2,4-Trimethylbenzene	105	9.999	10.054	-0.055	99	269044	20.0	21.6	
118 sec-Butylbenzene	105	10.164	10.218	-0.054	98	342982	20.0	21.2	a
119 1,3-Dichlorobenzene	146	10.285	10.346	-0.061	92	137888	20.0	21.2	a
120 4-Isopropyltoluene	119	10.322	10.377	-0.055	97	272808	20.0	21.3	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.425	-0.060	97	174604	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.444	-0.055	93	140064	20.0	21.3	a
123 1,2,3-Trimethylbenzene	105	10.426	10.480	-0.054	99	281498	20.0	21.2	
124 Benzyl chloride	91	10.548	10.602	-0.054	97	126358	20.0	18.2	
125 2,3-Dihydroindene	117	10.603	10.657	-0.055	94	277282	20.0	22.7	
126 p-Diethylbenzene	119	10.694	10.749	-0.055	91	177955	20.0	26.1	
127 n-Butylbenzene	92	10.718	10.773	-0.055	98	164505	20.0	21.4	
128 1,2-Dichlorobenzene	146	10.743	10.797	-0.054	93	136277	20.0	21.8	a
129 1,2,4,5-Tetramethylbenzene	119	11.401	11.450	-0.049	97	264893	20.0	20.6	
130 1,2-Dibromo-3-Chloropropane	157	11.468	11.517	-0.049	89	15194	20.0	20.7	
131 1,3,5-Trichlorobenzene	180	11.590	11.639	-0.049	95	107636	20.0	20.0	
132 1,2,4-Trichlorobenzene	180	12.102	12.151	-0.049	93	102627	20.0	19.9	
133 Hexachlorobutadiene	225	12.200	12.248	-0.048	92	44749	20.0	20.4	
134 Naphthalene	128	12.291	12.340	-0.049	98	252335	20.0	20.8	
135 1,2,3-Trichlorobenzene	180	12.480	12.529	-0.049	93	96412	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 137 Xylenes, Total	100				0		40.0	43.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.5	
S 140 Total BTEX	1				0		100.0	109.4	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

GAS C SP_00430	Amount Added: 20.00	Units: uL	
8FreonsSS_00037	Amount Added: 20.00	Units: uL	
8260 SP_00145	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00130	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00049	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#: 15

Worklist Smp#: 16

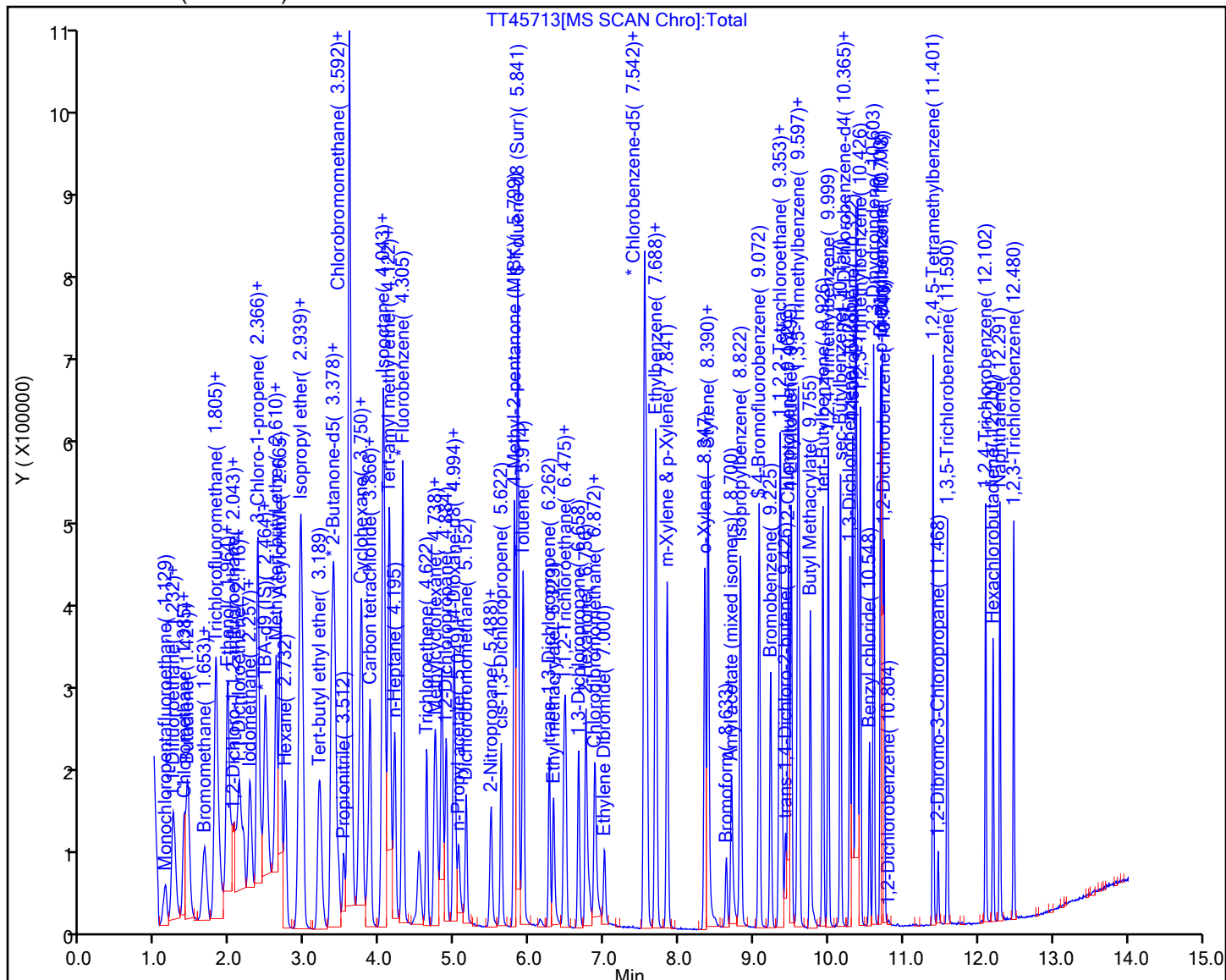
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W 17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

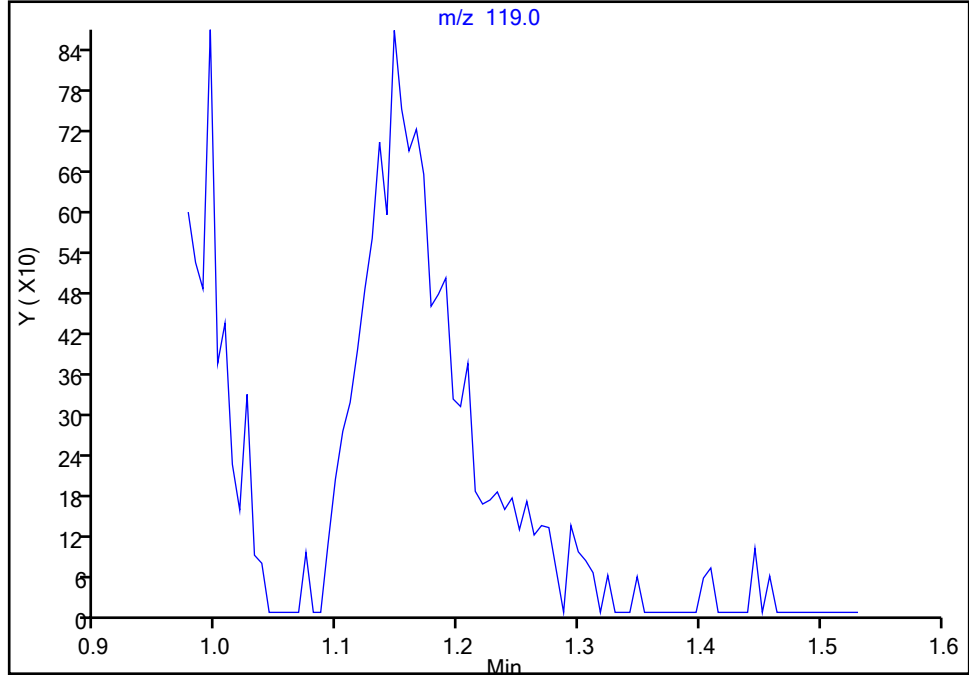
**1 Monochloropentafluoroethane, CAS: 76-15-3**

Signal: 1

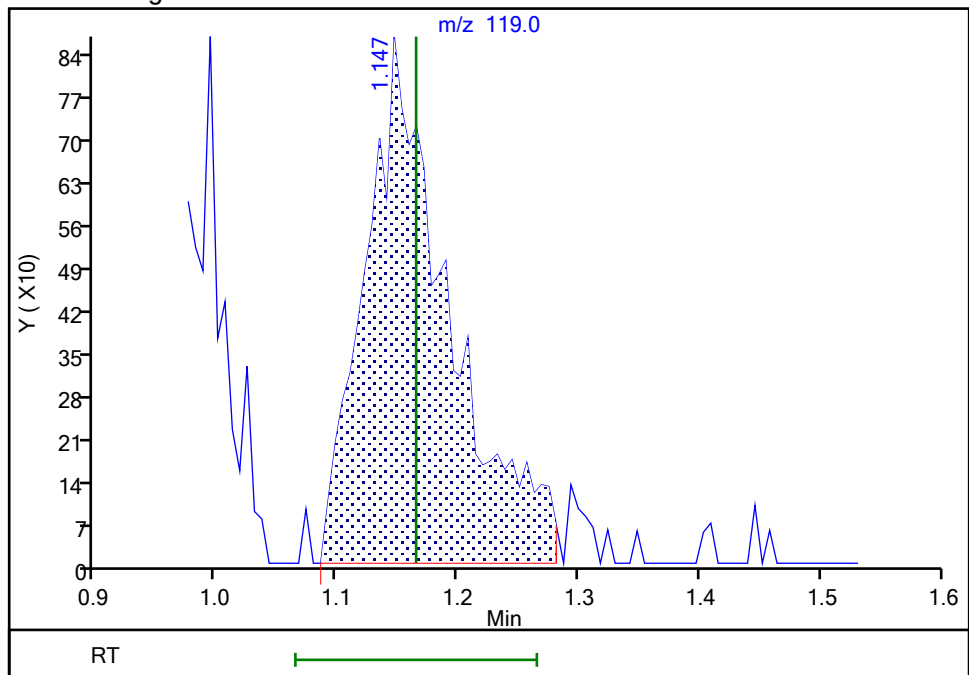
Not Detected

Expected RT: 1.17

## Processing Integration Results



## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:57:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

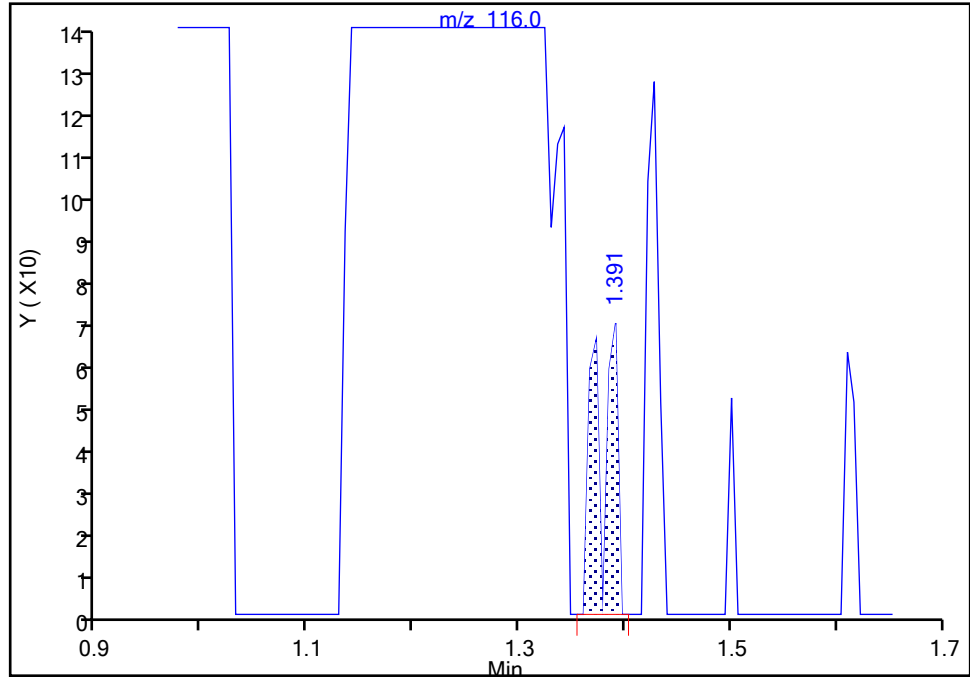
MS Quad

**3 Chlorotrifluoroethene, CAS: 79-38-9**

Signal: 1

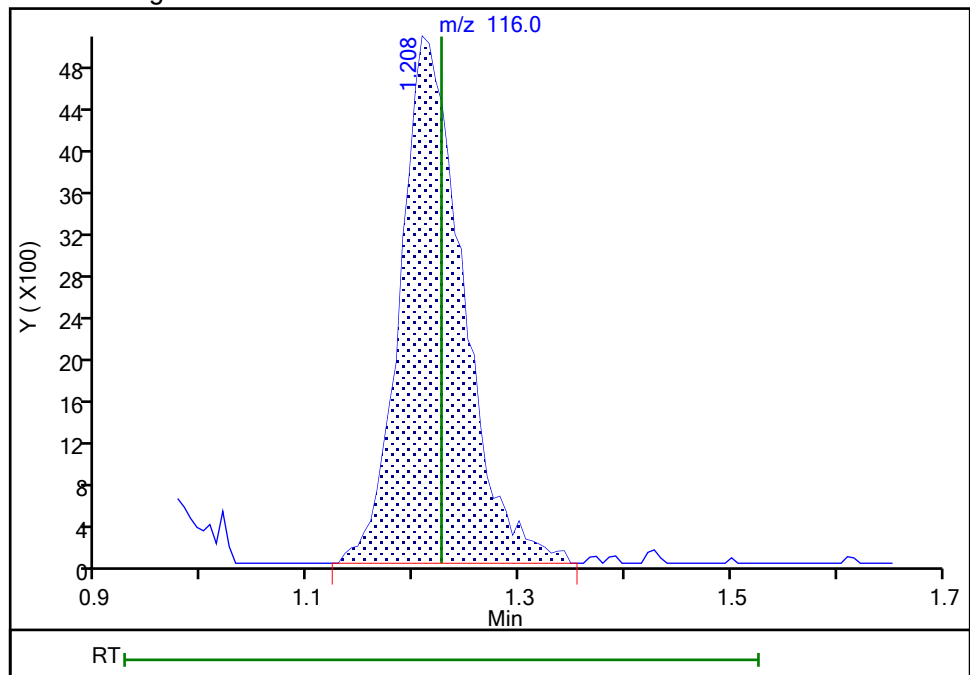
RT: 1.39  
Area: 93  
Amount: 0.063015  
Amount Units: ug/l

## Processing Integration Results



RT: 1.21  
Area: 20761  
Amount: 17.503051  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:58:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

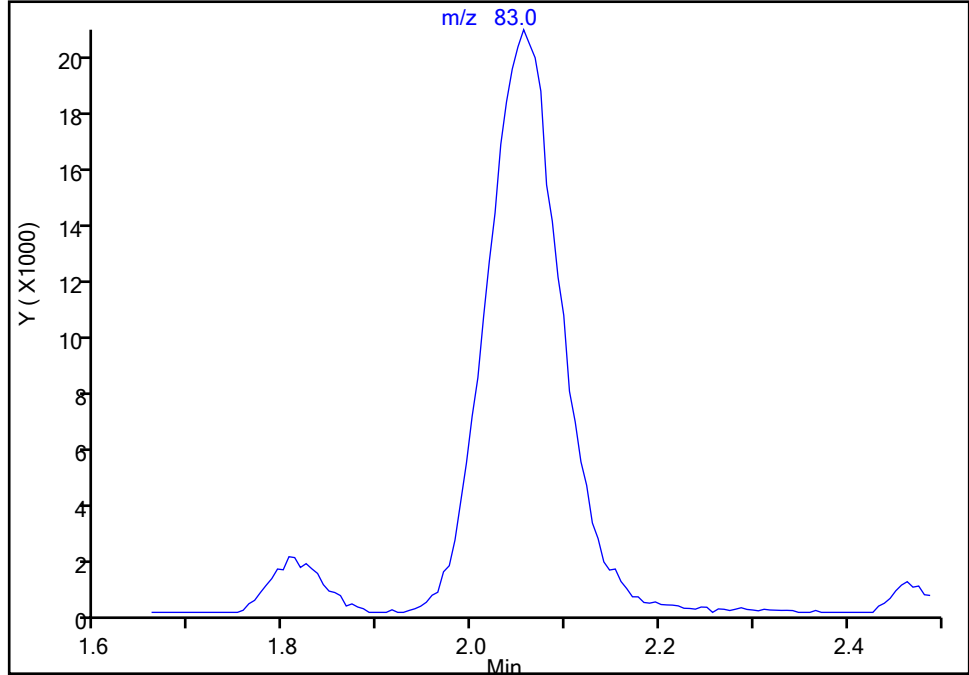
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

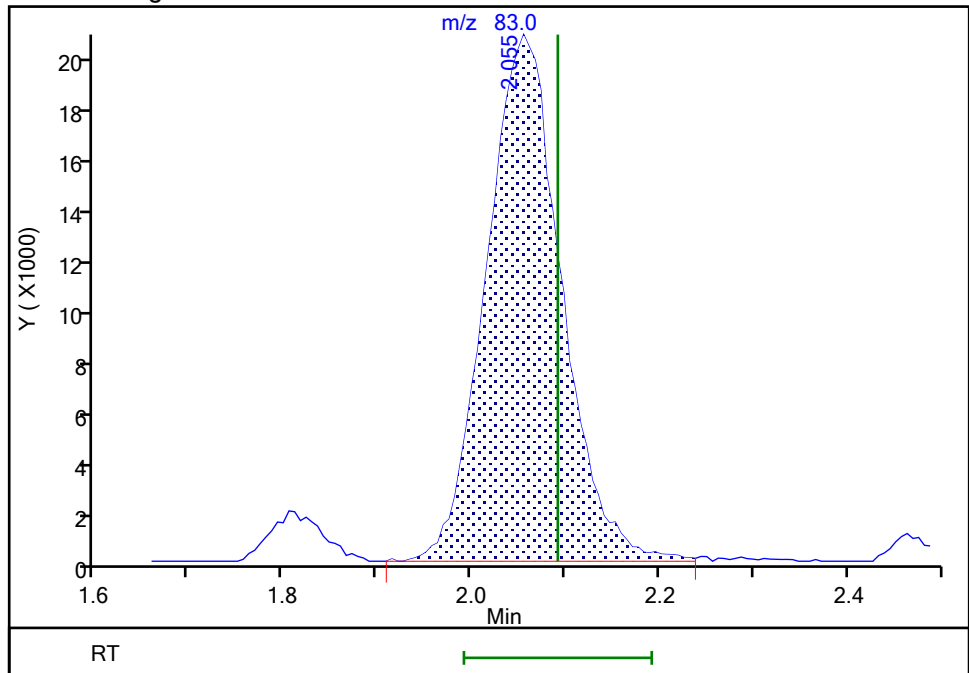
Expected RT: 2.09

## Processing Integration Results



RT: 2.06  
Area: 111881  
Amount: 20.960619  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:58:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

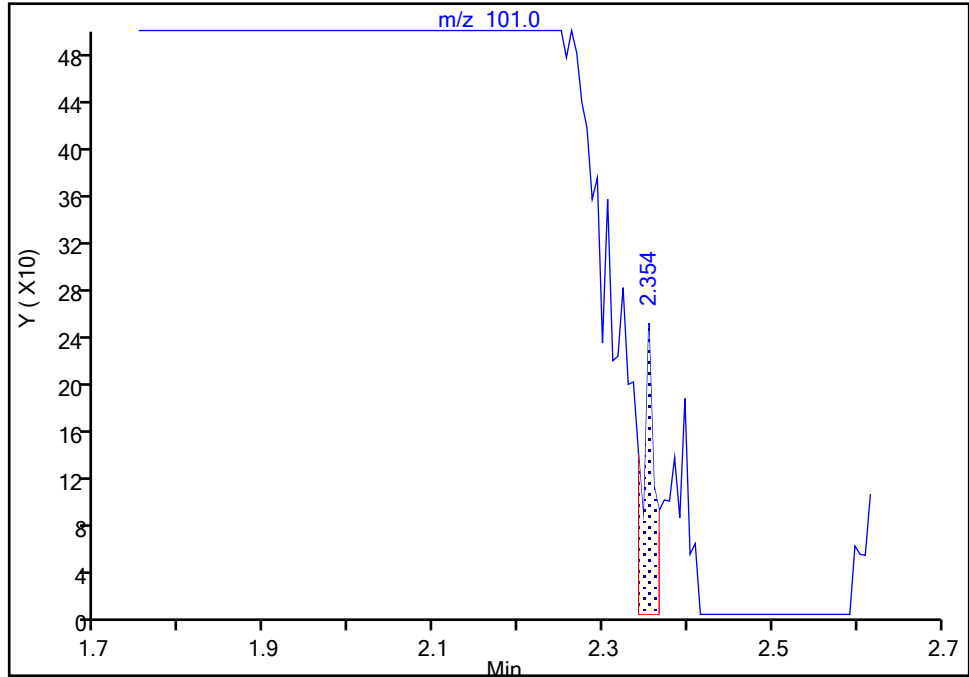
MS Quad

**20 112TCTFE, CAS: 76-13-1**

Signal: 1

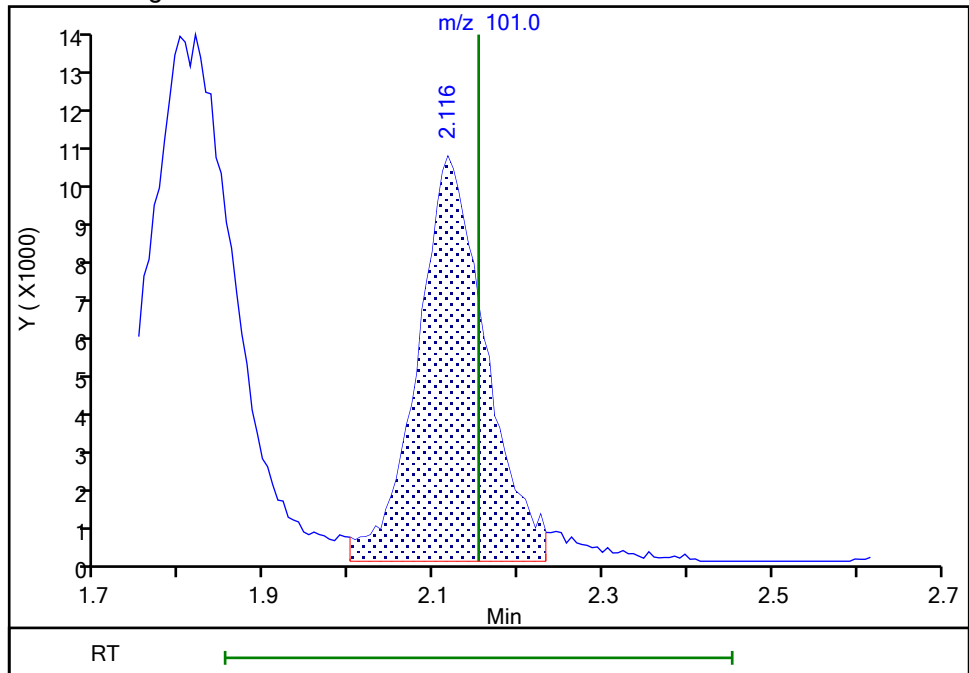
RT: 2.35  
Area: 241  
Amount: 0.085802  
Amount Units: ug/l

## Processing Integration Results



RT: 2.12  
Area: 58825  
Amount: 20.928692  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:58:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

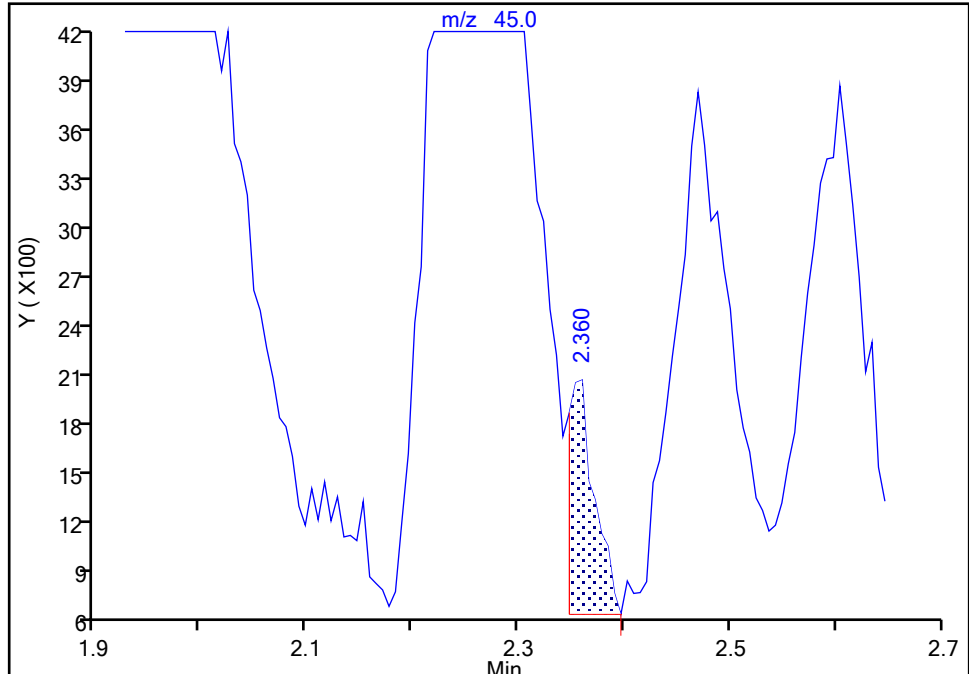
MS Quad

**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

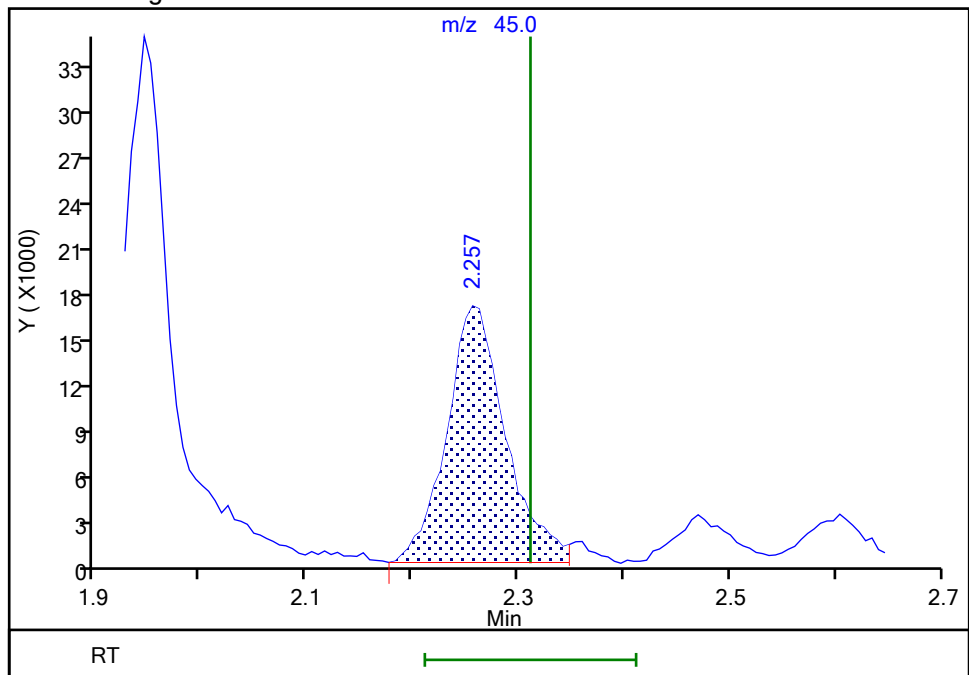
RT: 2.36  
Area: 2369  
Amount: 8.833619  
Amount Units: ug/l

## Processing Integration Results



RT: 2.26  
Area: 63902  
Amount: 238.2803  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:58:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

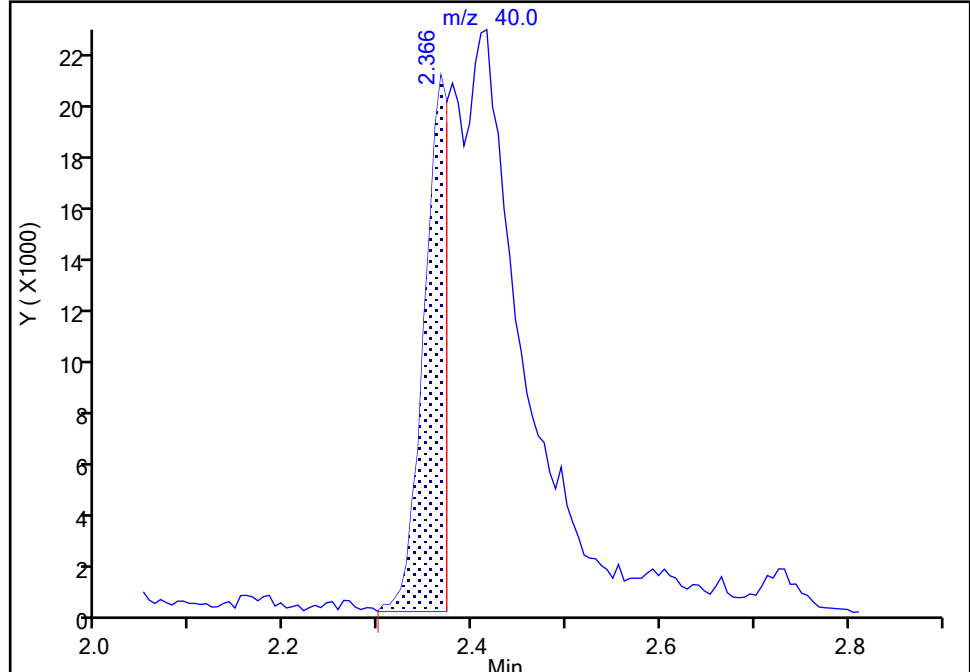
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

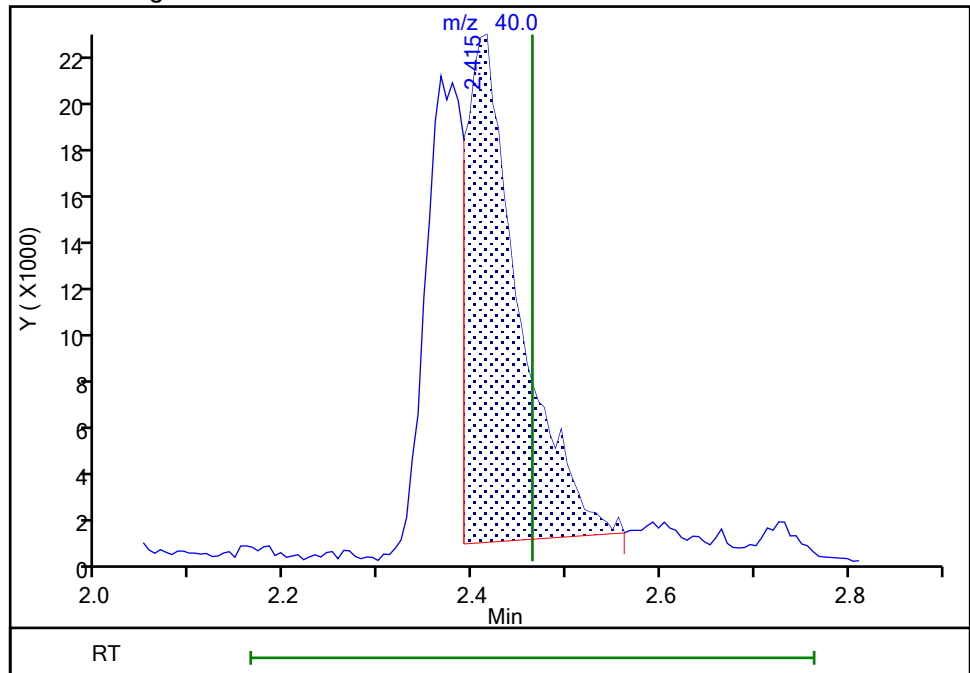
RT: 2.37  
Area: 35523  
Amount: 469.7287  
Amount Units: ug/l

## Processing Integration Results



RT: 2.42  
Area: 83420  
Amount: 214.8775  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:59:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

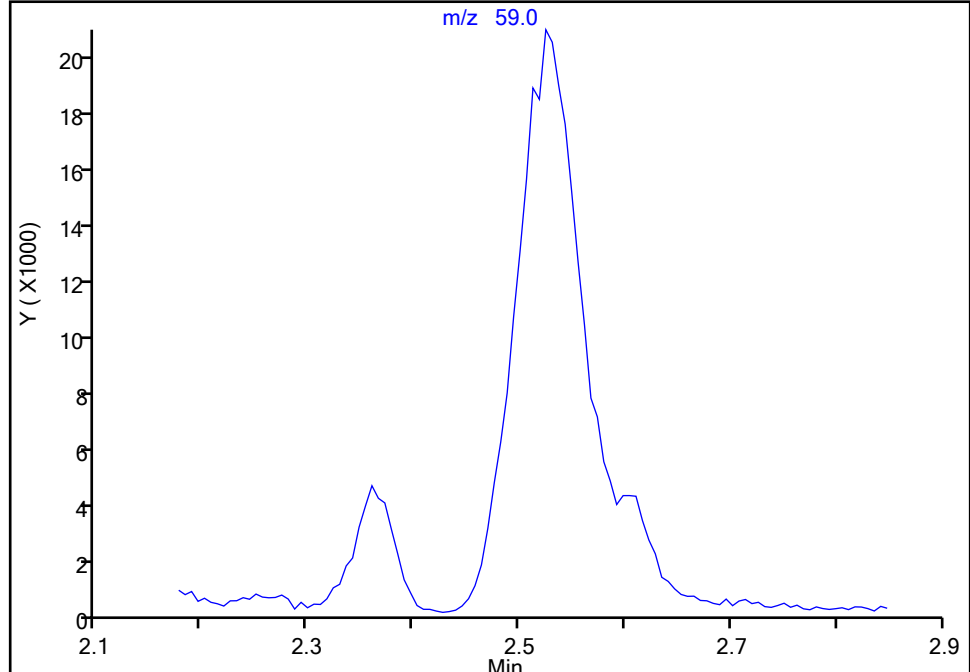
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

Not Detected

Expected RT: 2.57

## Processing Integration Results



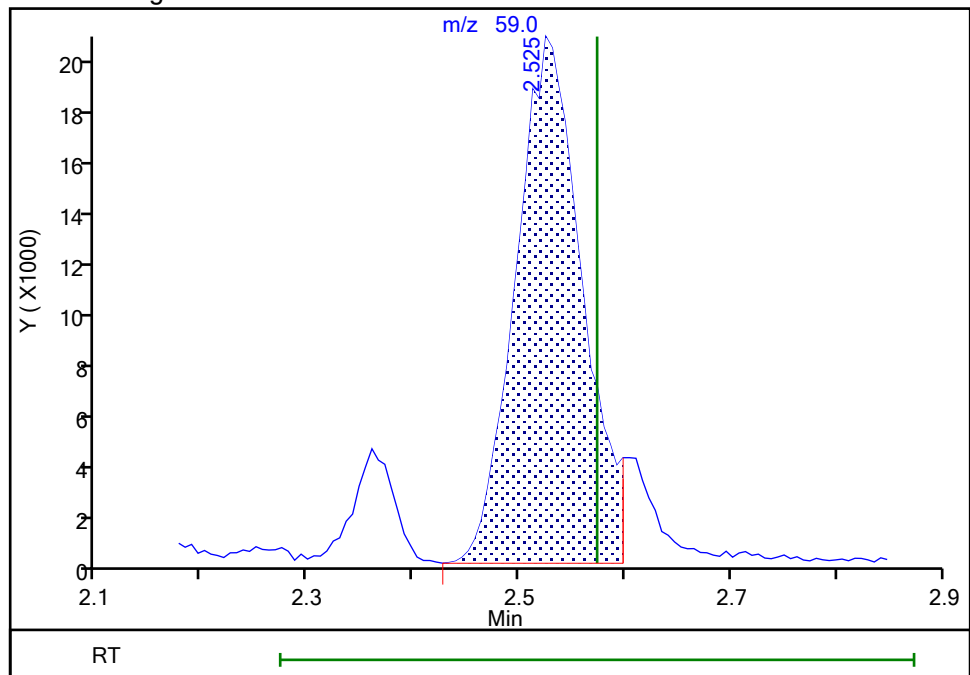
RT: 2.52

Area: 87906

Amount: 232.1775

Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:59:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D  
Injection Date: 12-Oct-2021 13:42:30 Instrument ID: CVOAMS17  
Lims ID: ICV  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260W\_17  
Column: DB-624 ( 0.18 mm)

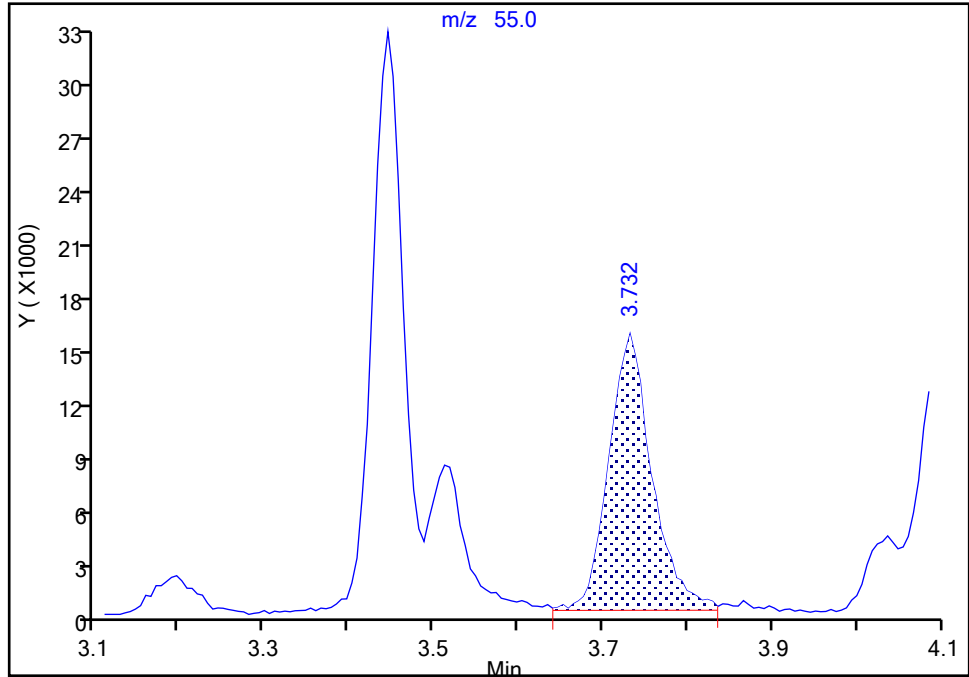
ALS Bottle#: 15 Worklist Smp#: 16  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

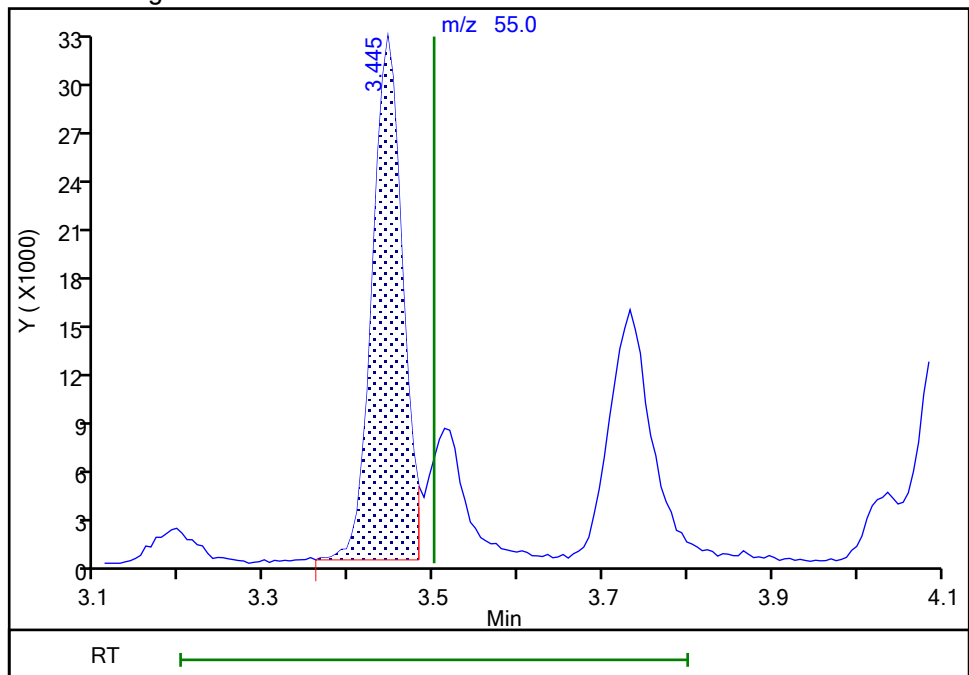
RT: 3.73  
Area: 54547  
Amount: 15.165422  
Amount Units: ug/l

## Processing Integration Results



RT: 3.45  
Area: 80725  
Amount: 22.443557  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:52:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

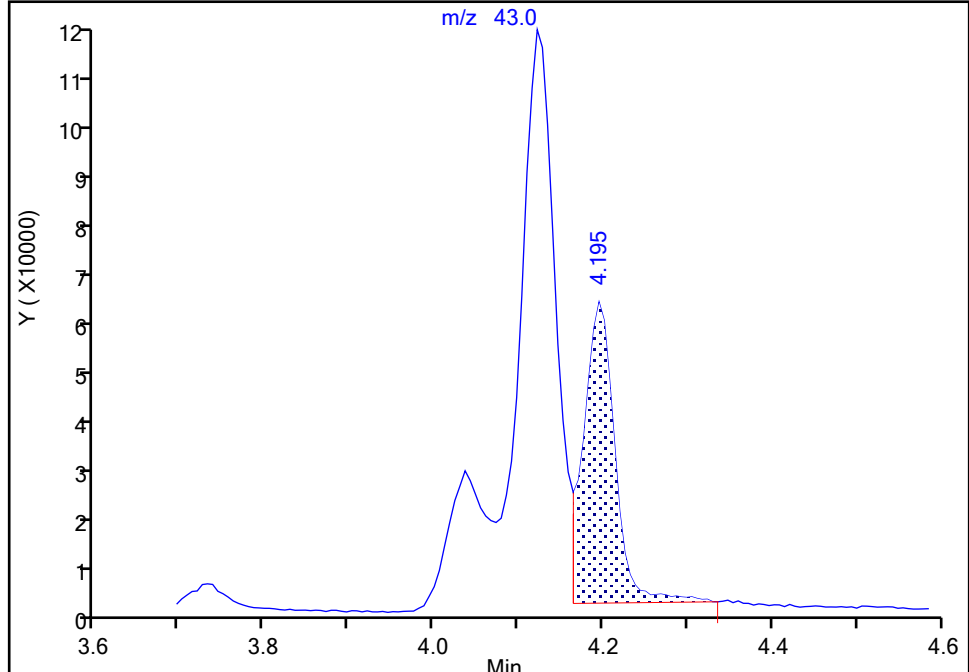
MS Quad

**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

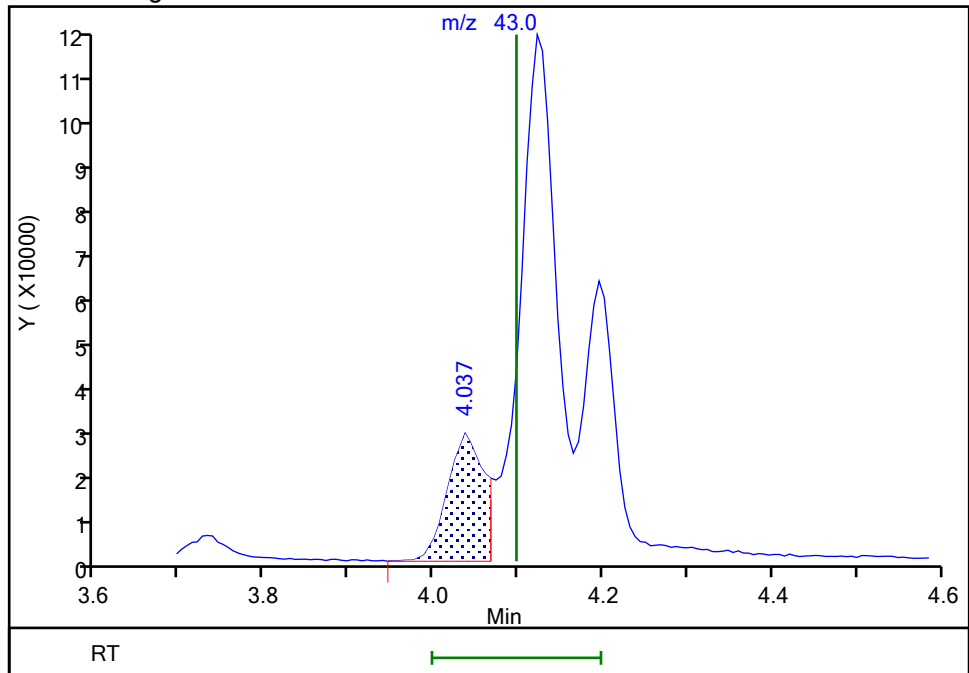
RT: 4.20  
Area: 151715  
Amount: 340.5801  
Amount Units: ug/l

## Processing Integration Results



RT: 4.04  
Area: 83466  
Amount: 627.9163  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 13:52:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

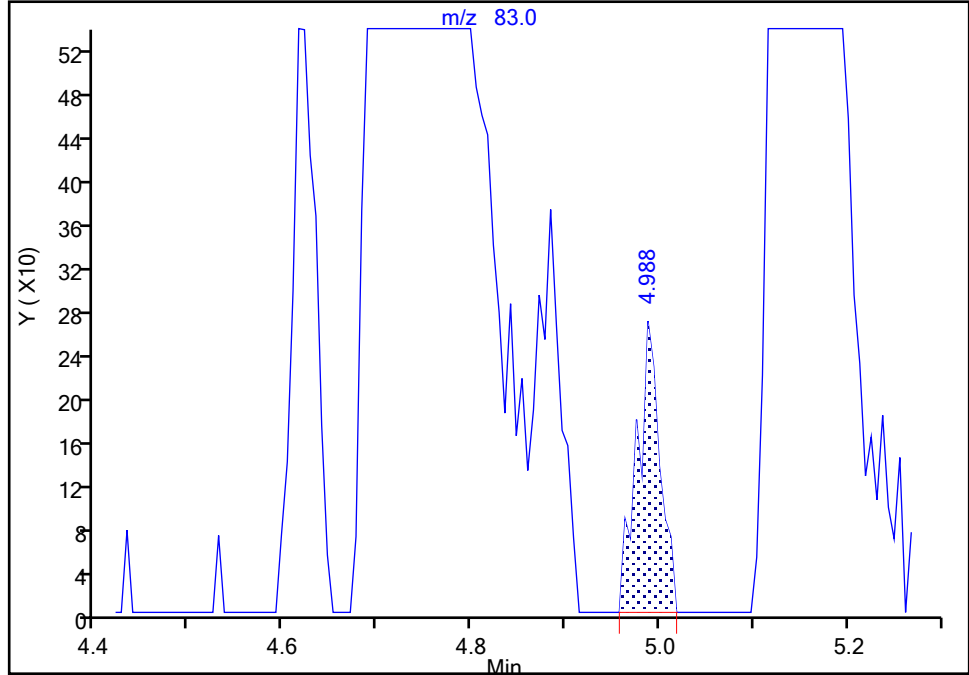
MS Quad

**69 Methylcyclohexane, CAS: 108-87-2**

Signal: 1

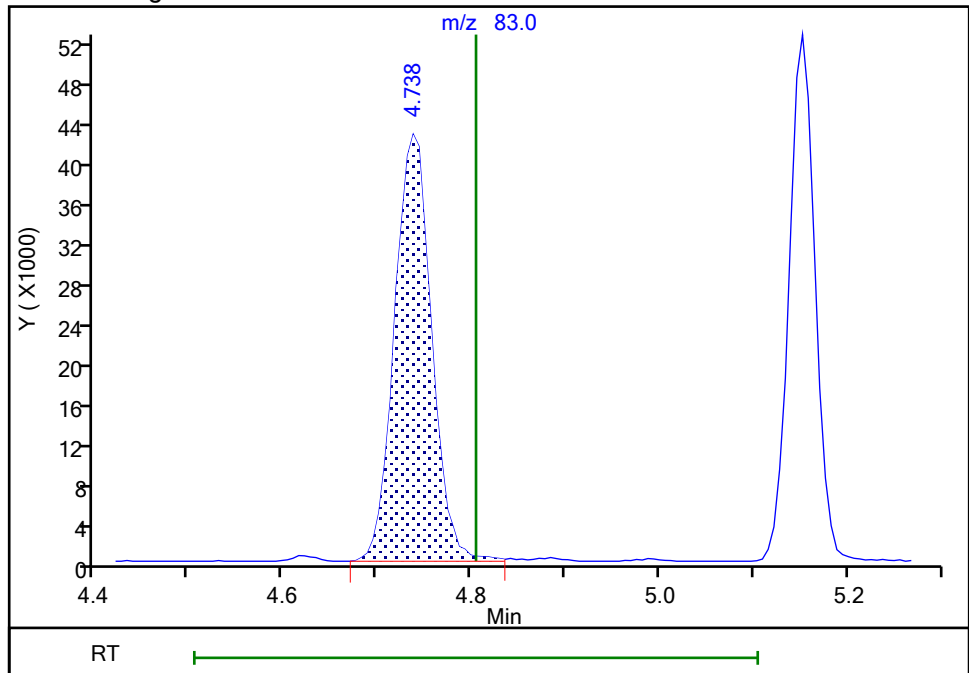
RT: 4.99  
Area: 452  
Amount: 0.081565  
Amount Units: ug/l

## Processing Integration Results



RT: 4.74  
Area: 115530  
Amount: 20.832964  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:59:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

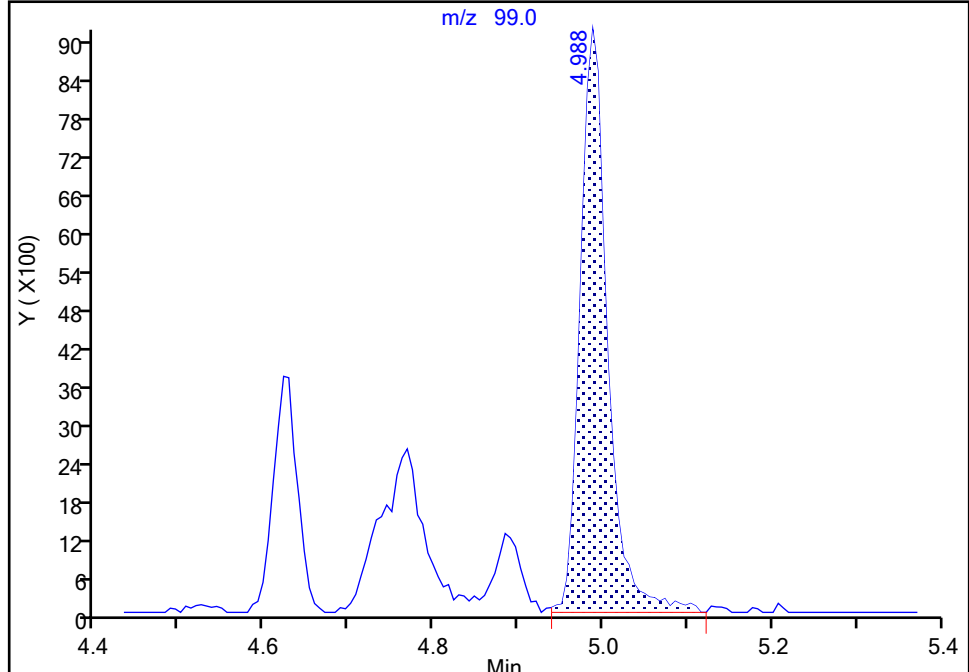
MS Quad

**70 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

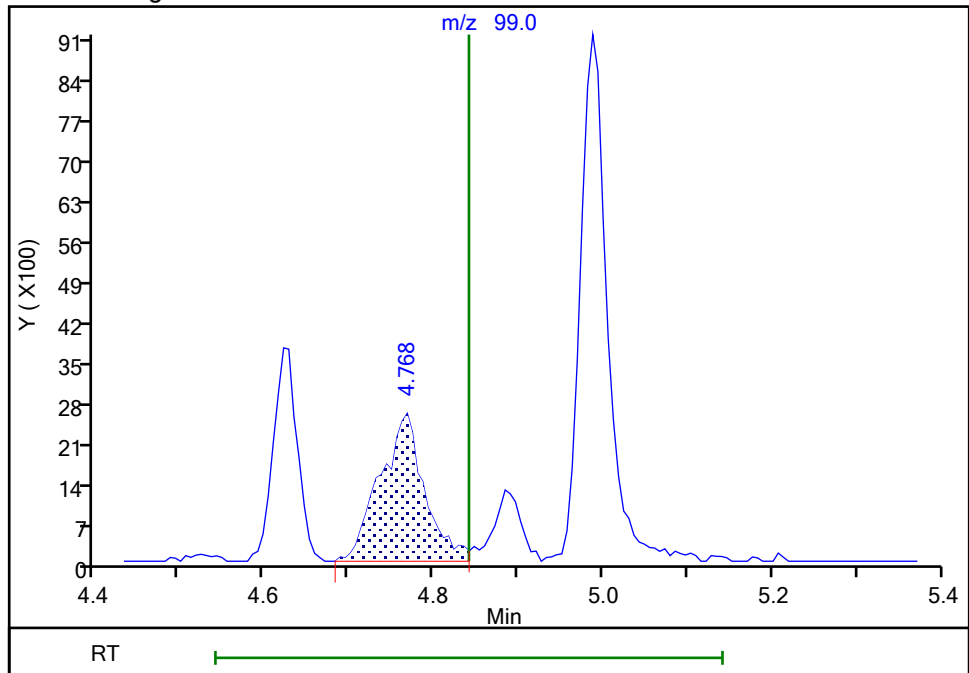
RT: 4.99  
Area: 20616  
Amount: 46.905935  
Amount Units: ug/l

## Processing Integration Results



RT: 4.77  
Area: 9425  
Amount: 22.759404  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:00:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

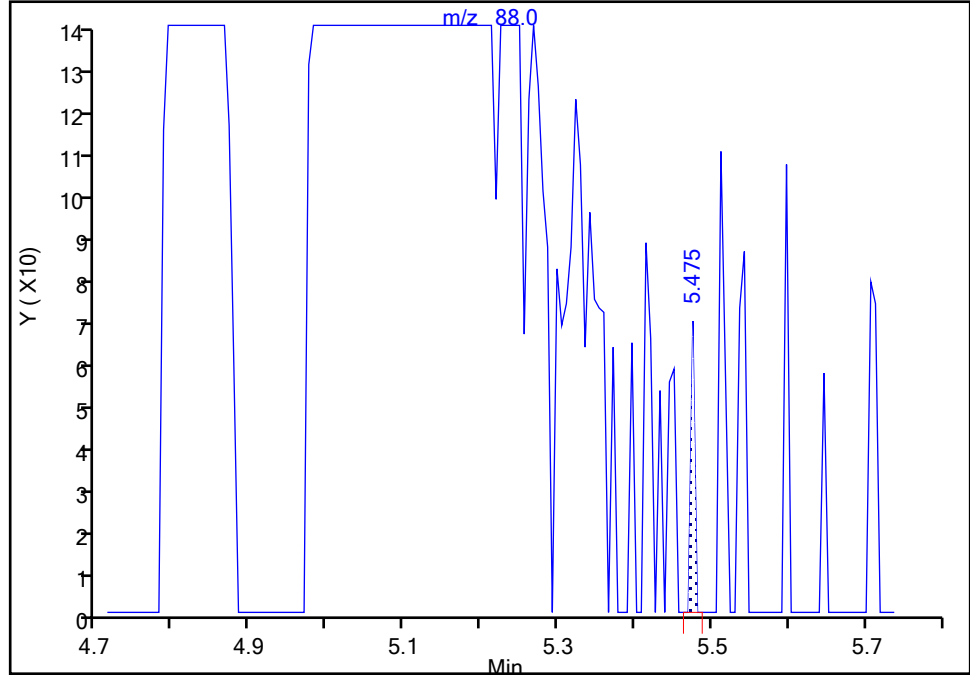
MS Quad

**75 1,4-Dioxane, CAS: 123-91-1**

Signal: 1

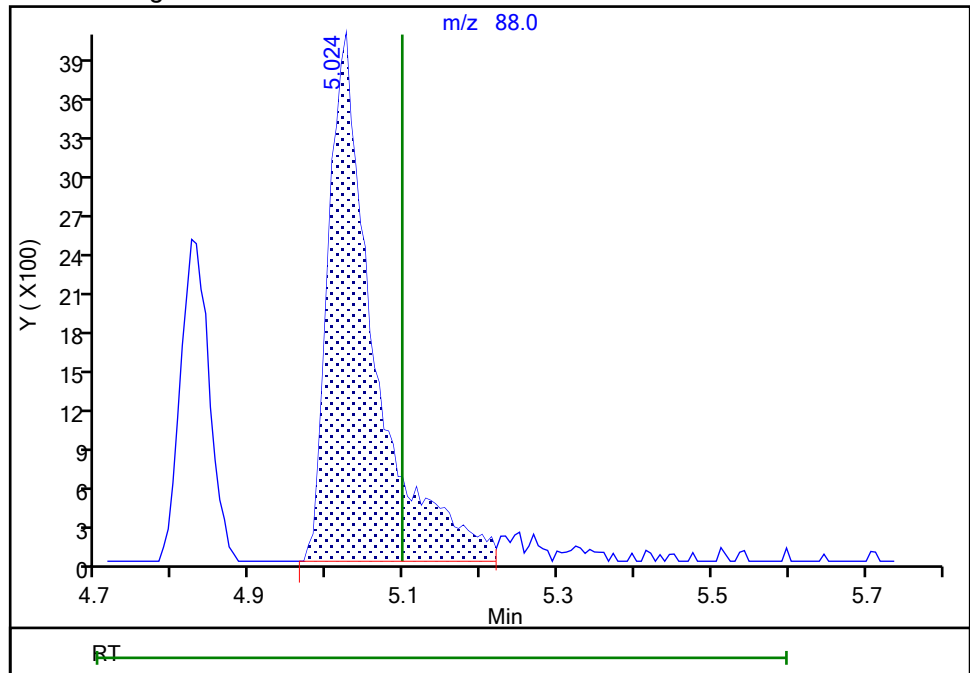
RT: 5.48  
Area: 25  
Amount: 0.665589  
Amount Units: ug/l

## Processing Integration Results



RT: 5.02  
Area: 17012  
Amount: 452.9198  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:00:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

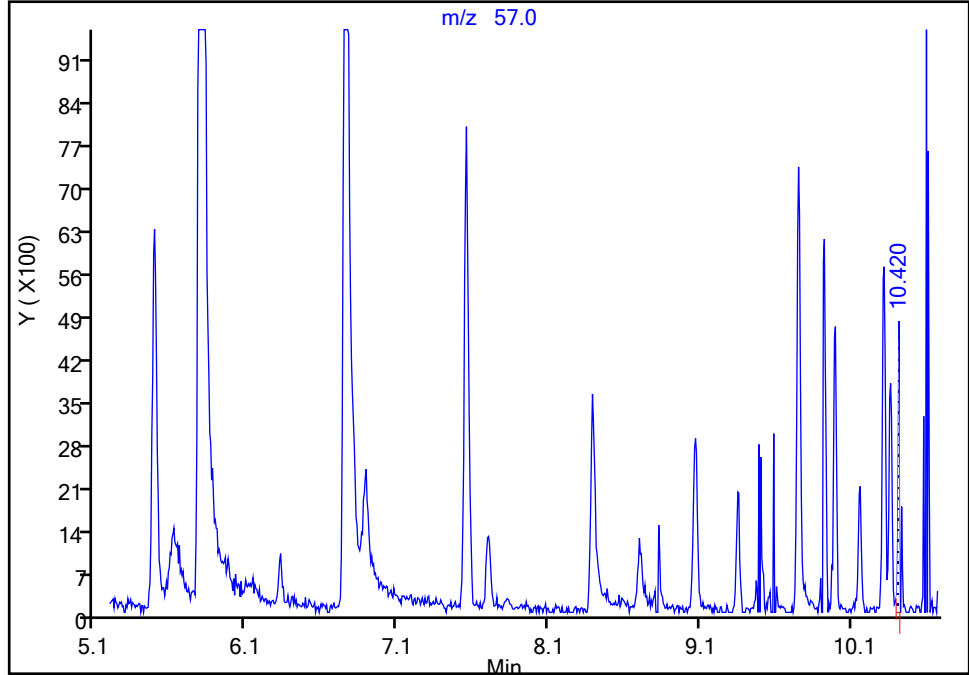
MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 1

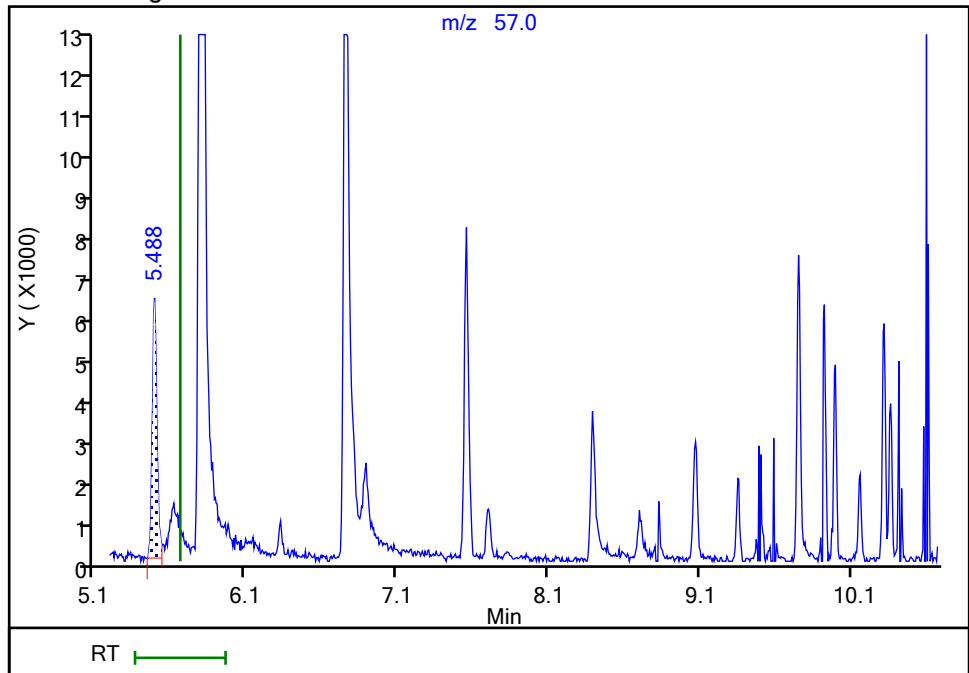
RT: 10.42  
Area: 2603  
Amount: 6.883314  
Amount Units: ug/l

## Processing Integration Results



RT: 5.49  
Area: 13377  
Amount: 35.364526  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:01:13

Audit Action: Located Compound

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

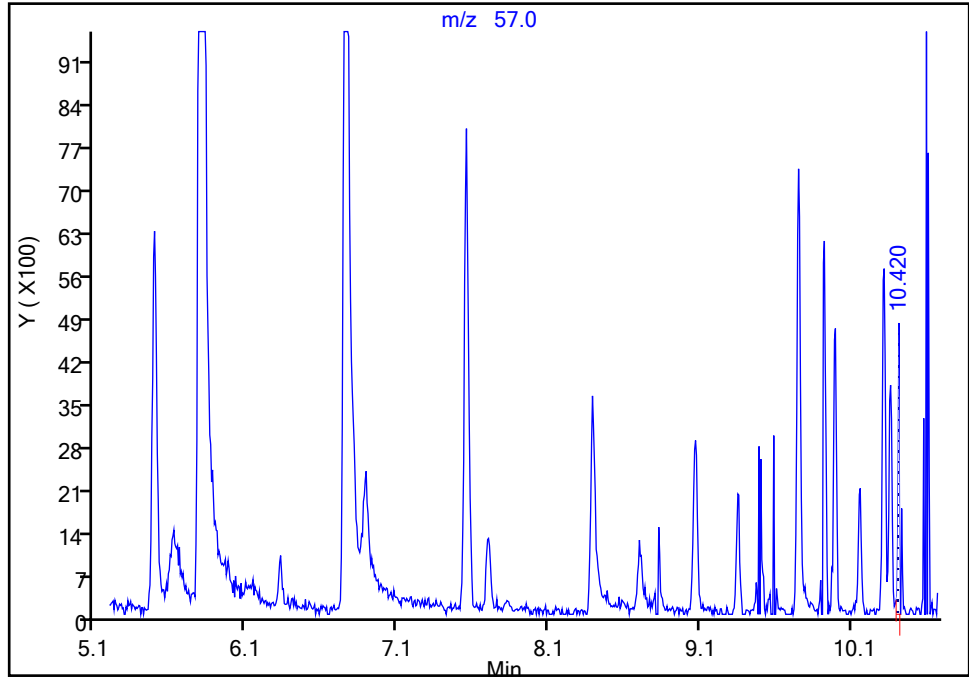
MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 1

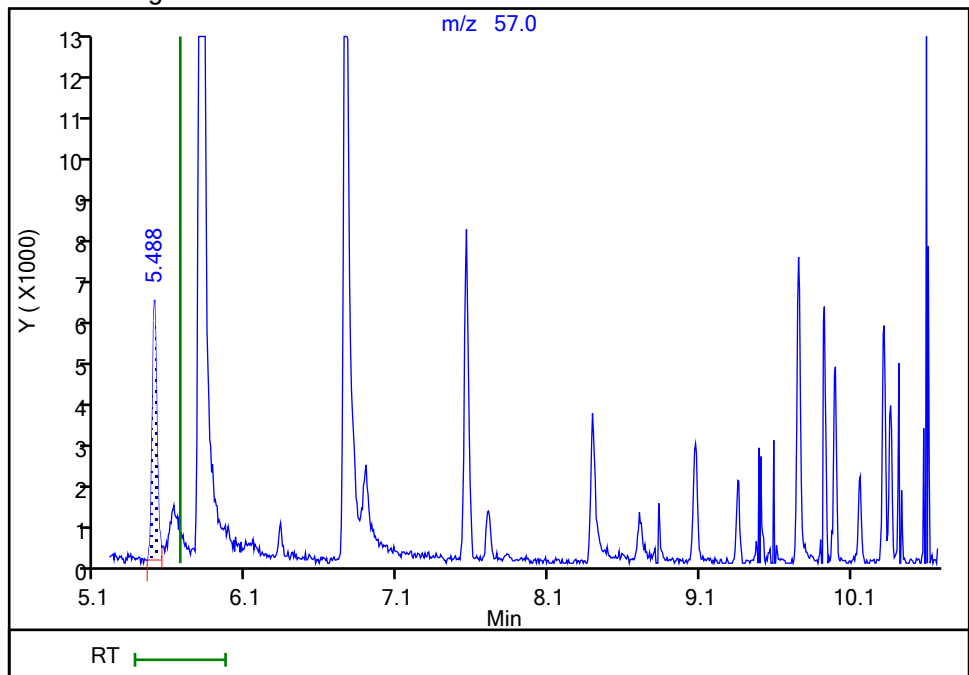
RT: 10.42  
Area: 2603  
Amount: 6.883314  
Amount Units: ug/l

## Processing Integration Results



RT: 5.49  
Area: 13377  
Amount: 35.364526  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:01:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

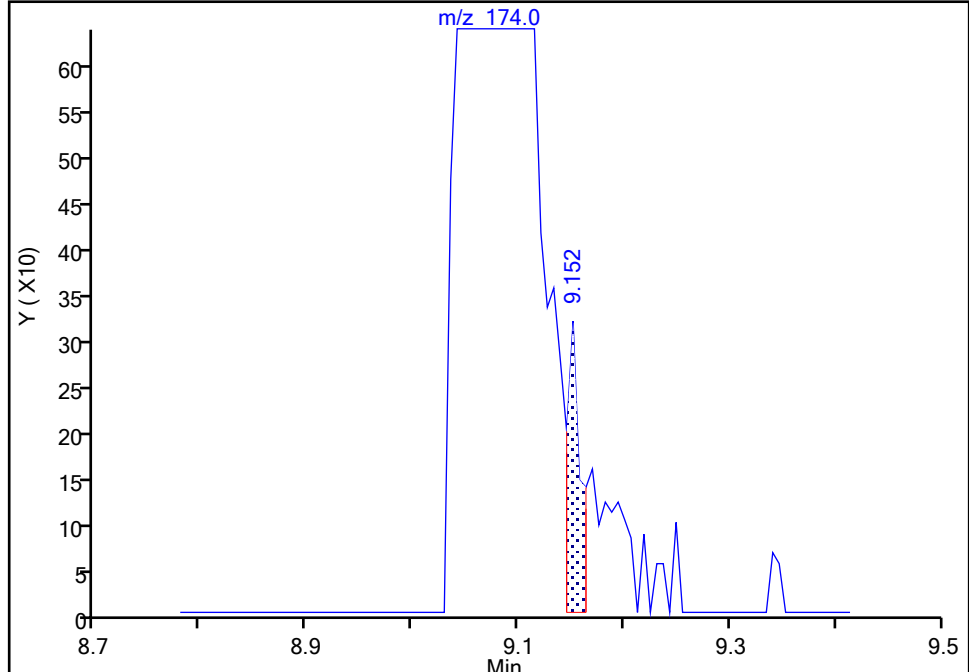
MS Quad

\$ 105 4-Bromofluorobenzene, CAS: 460-00-4

Signal: 1

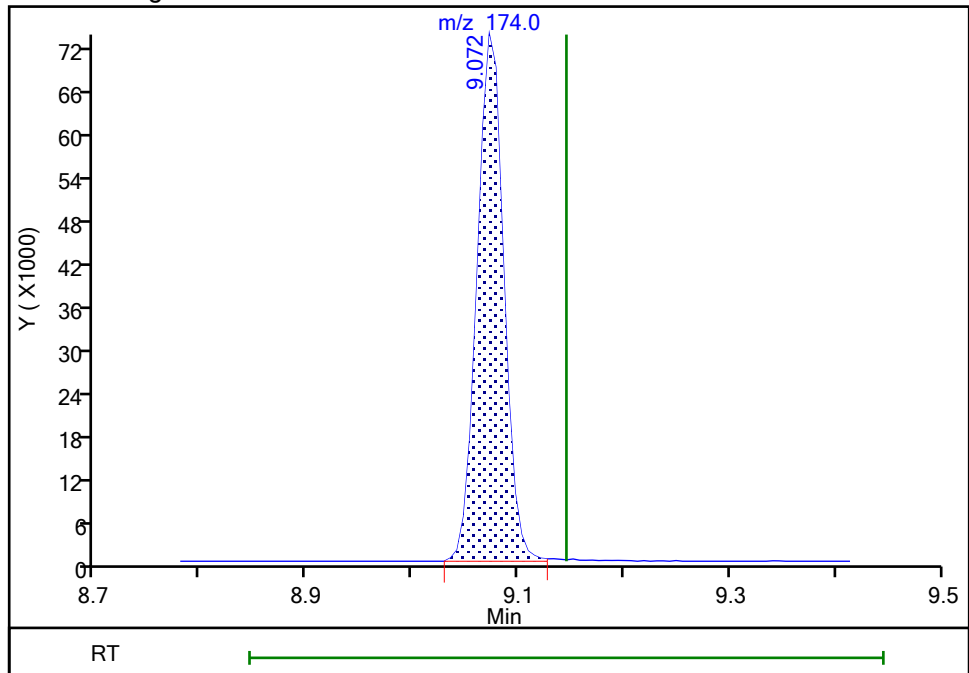
RT: 9.15  
Area: 290  
Amount: 0.115143  
Amount Units: ug/l

## Processing Integration Results



RT: 9.07  
Area: 128526  
Amount: 51.030560  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 17:58:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

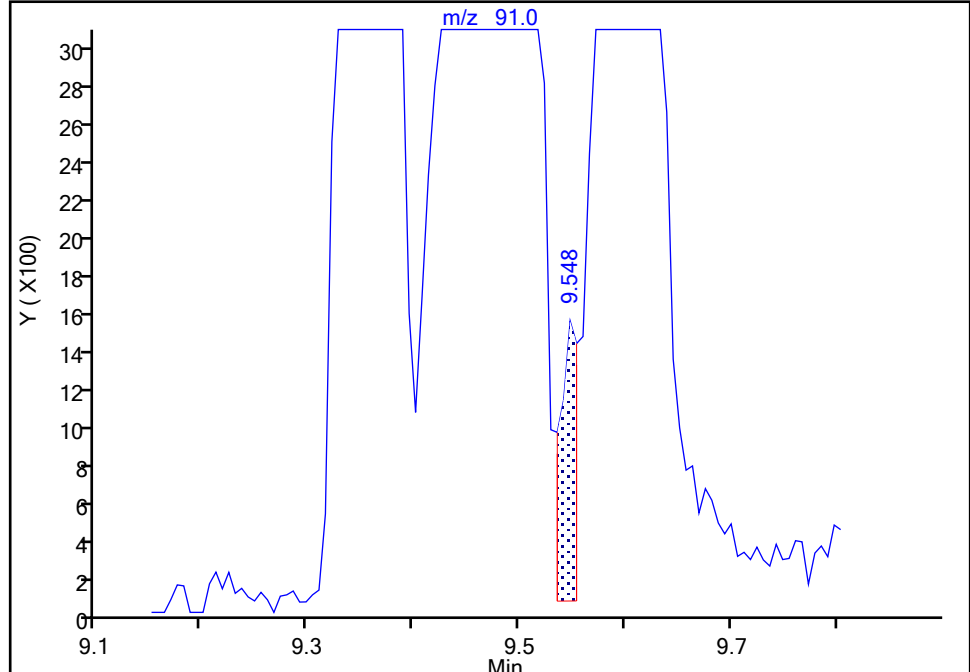
MS Quad

**111 2-Chlorotoluene, CAS: 95-49-8**

Signal: 1

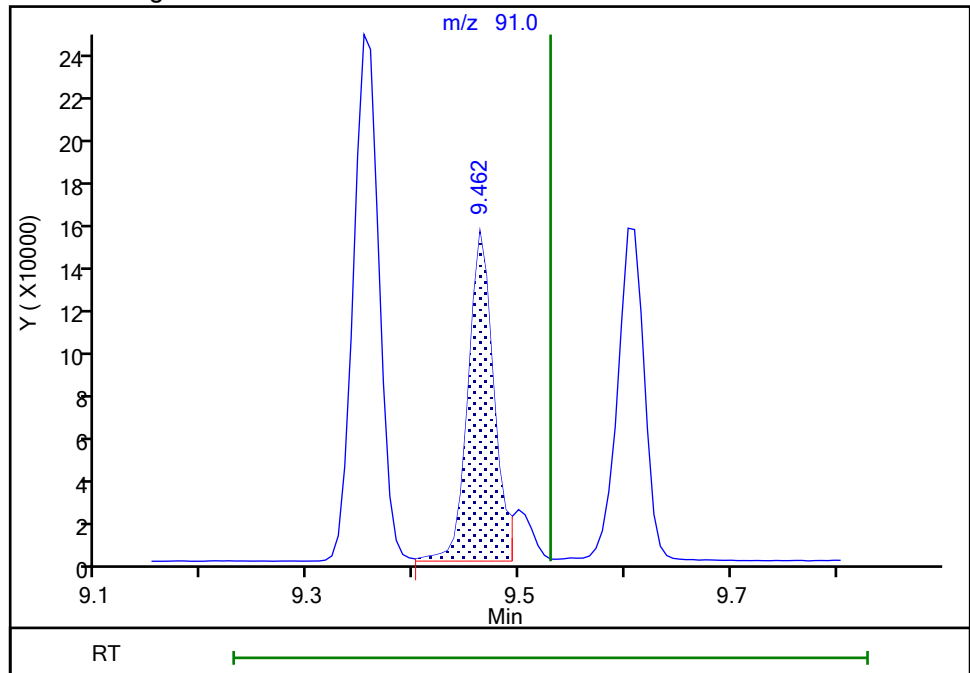
RT: 9.55  
Area: 1741  
Amount: 0.146145  
Amount Units: ug/l

## Processing Integration Results



RT: 9.46  
Area: 258180  
Amount: 21.672484  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:02:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

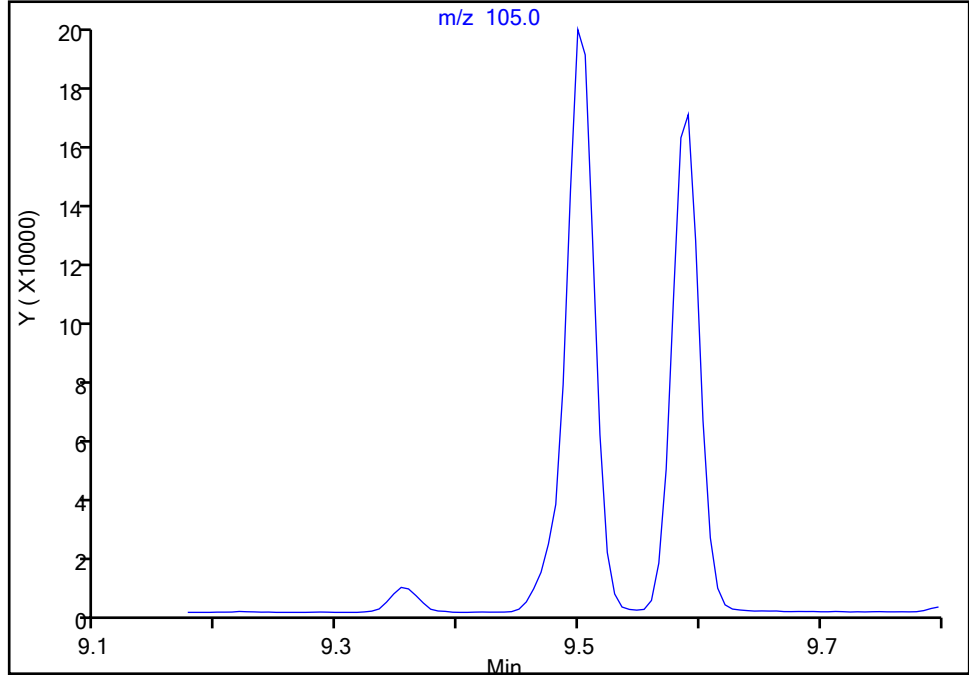
**112 4-Ethyltoluene, CAS: 622-96-8**

Signal: 1

Not Detected

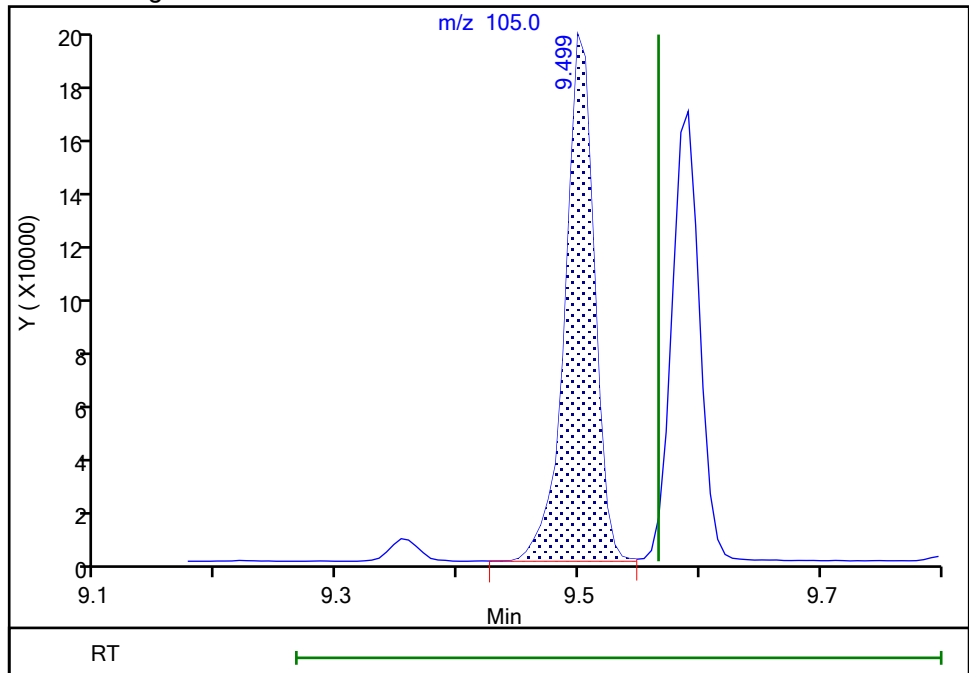
Expected RT: 9.57

## Processing Integration Results



RT: 9.50  
Area: 321961  
Amount: 23.197204  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:02:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

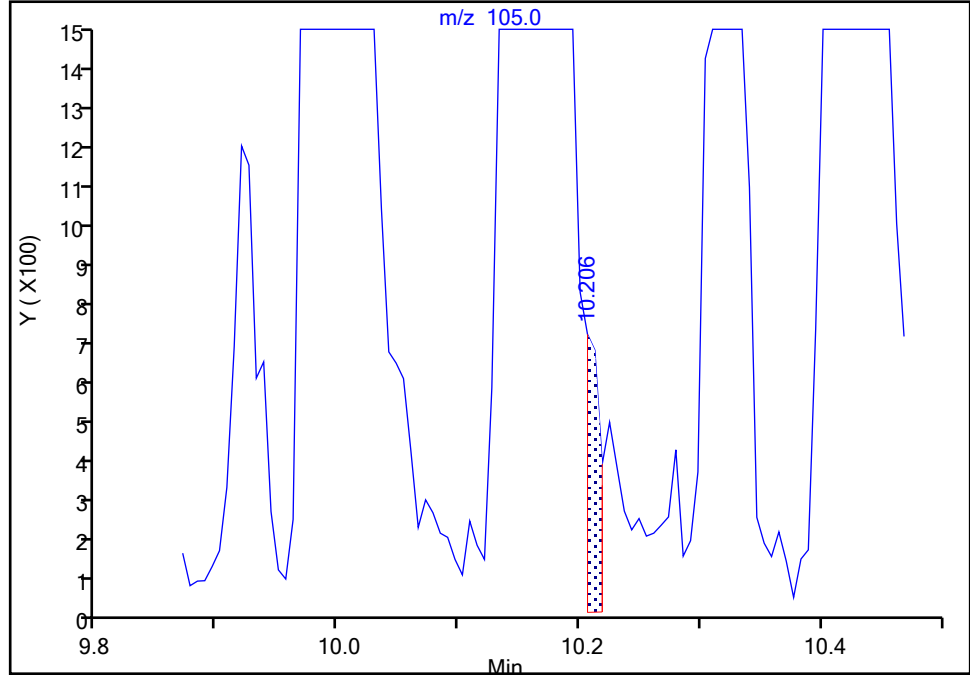
MS Quad

**118 sec-Butylbenzene, CAS: 135-98-8**

Signal: 1

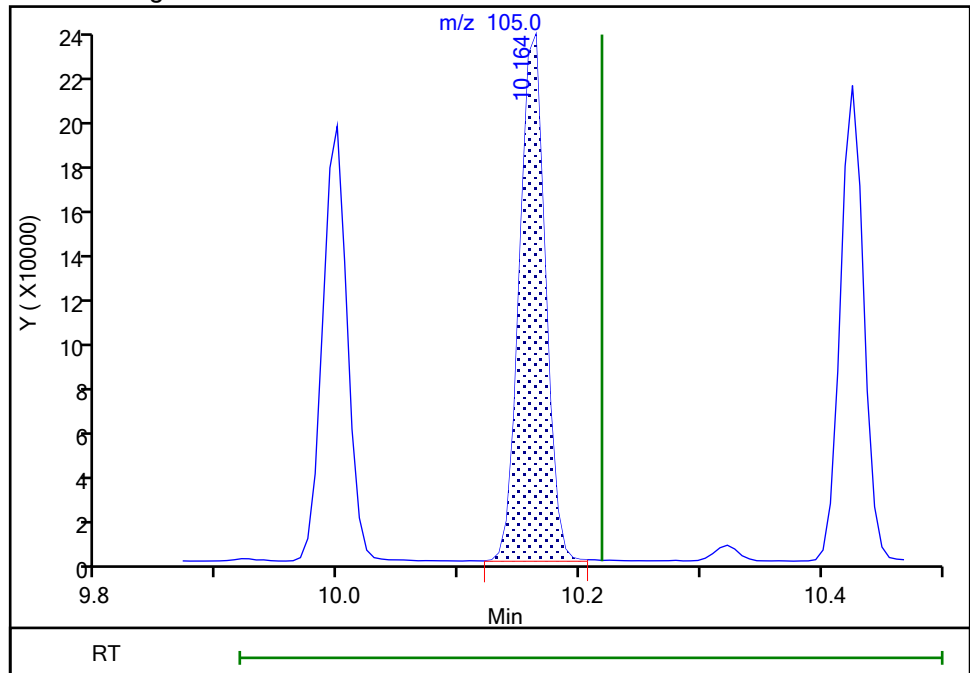
RT: 10.21  
Area: 604  
Amount: 0.037368  
Amount Units: ug/l

## Processing Integration Results



RT: 10.16  
Area: 342982  
Amount: 21.219552  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:02:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

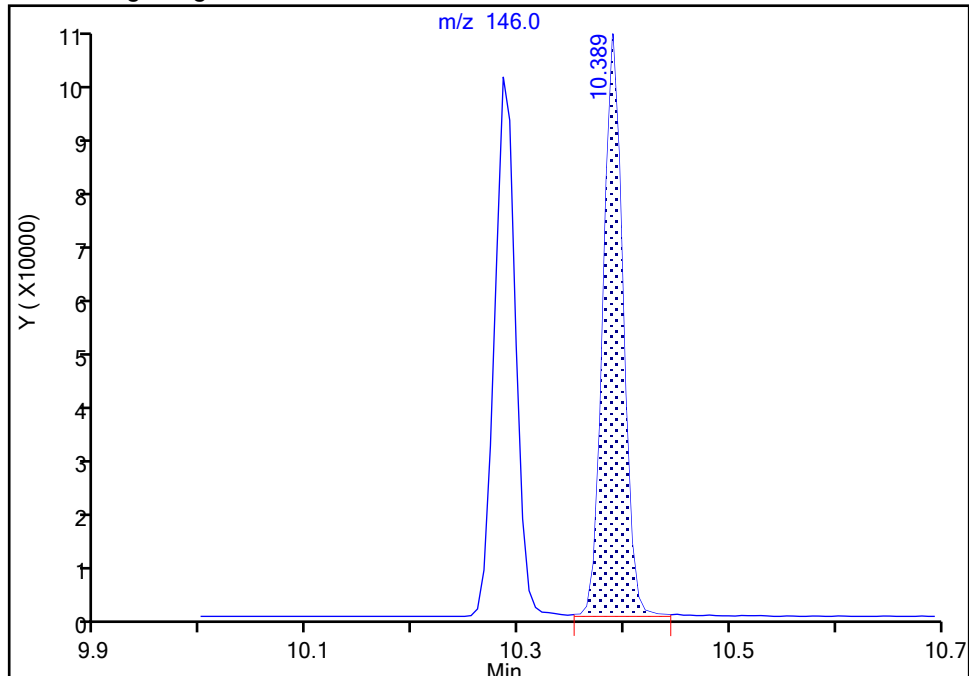
MS Quad

**119 1,3-Dichlorobenzene, CAS: 541-73-1**

Signal: 1

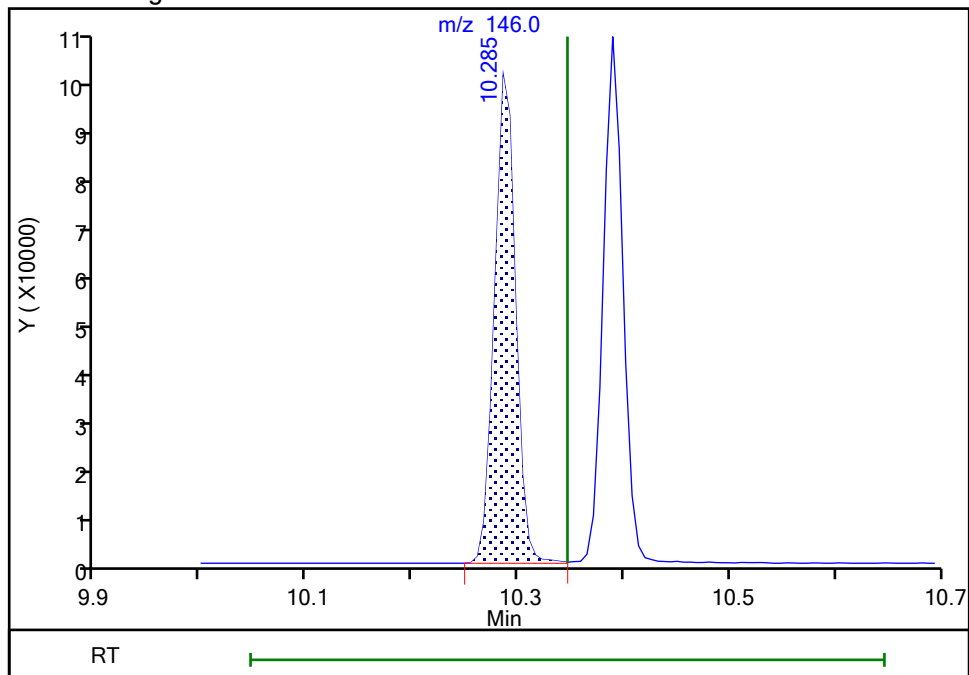
RT: 10.39  
Area: 140064  
Amount: 21.534741  
Amount Units: ug/l

## Processing Integration Results



RT: 10.29  
Area: 137888  
Amount: 21.200182  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:02:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

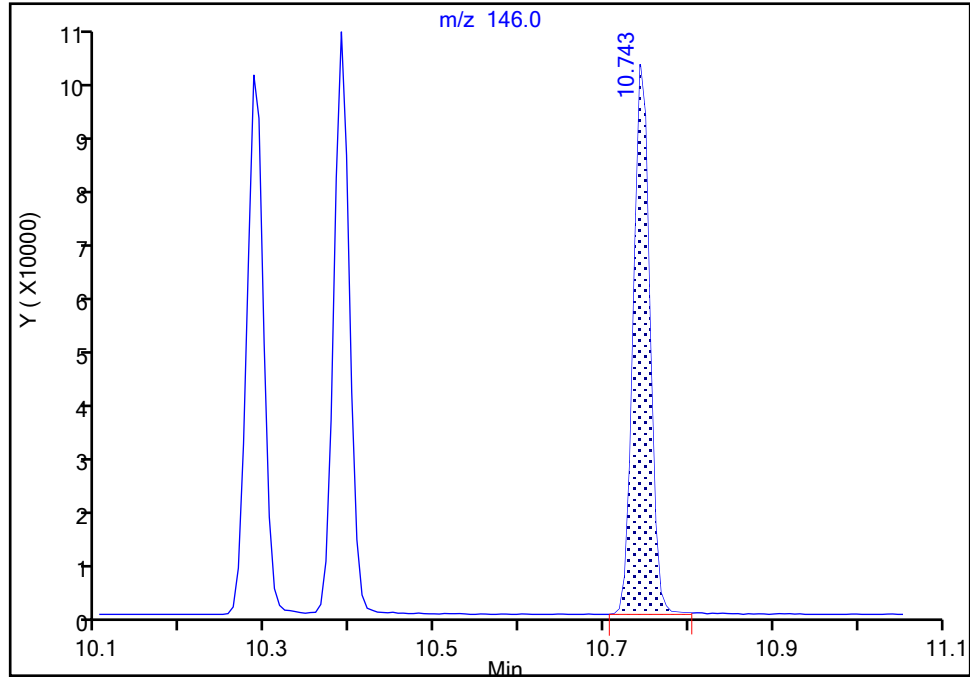
MS Quad

**122 1,4-Dichlorobenzene, CAS: 106-46-7**

Signal: 1

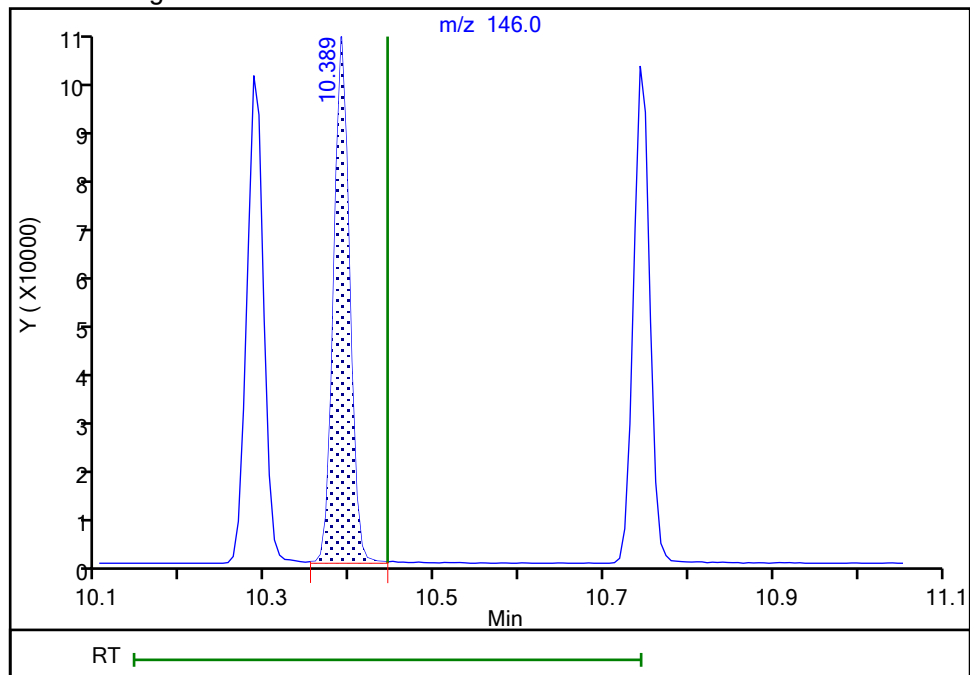
RT: 10.74  
Area: 136277  
Amount: 20.741020  
Amount Units: ug/l

## Processing Integration Results



RT: 10.39  
Area: 140064  
Amount: 21.317392  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:03:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

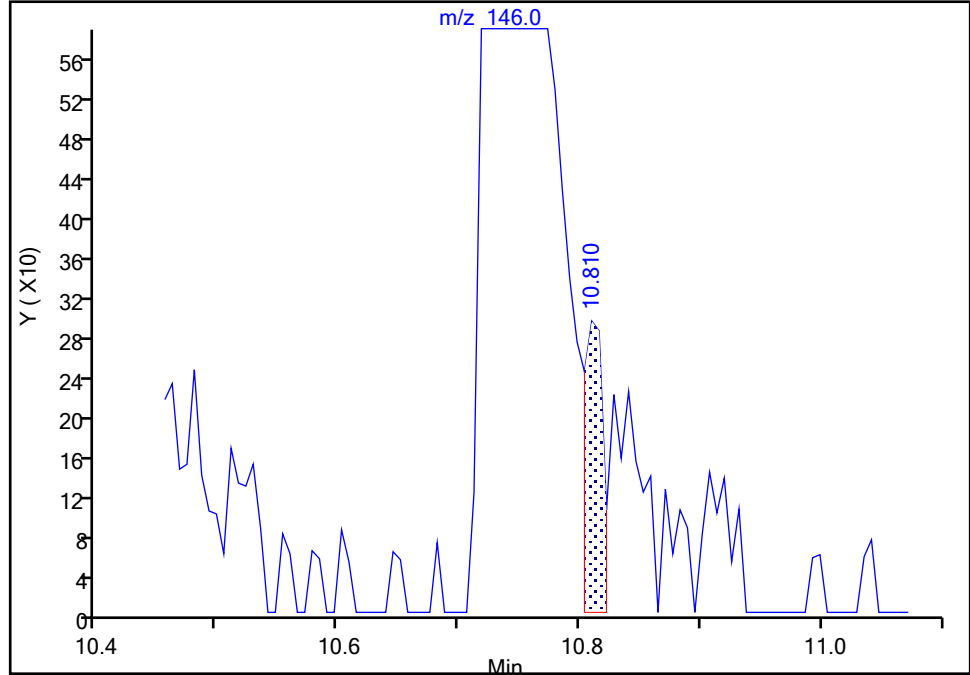
MS Quad

**128 1,2-Dichlorobenzene, CAS: 95-50-1**

Signal: 1

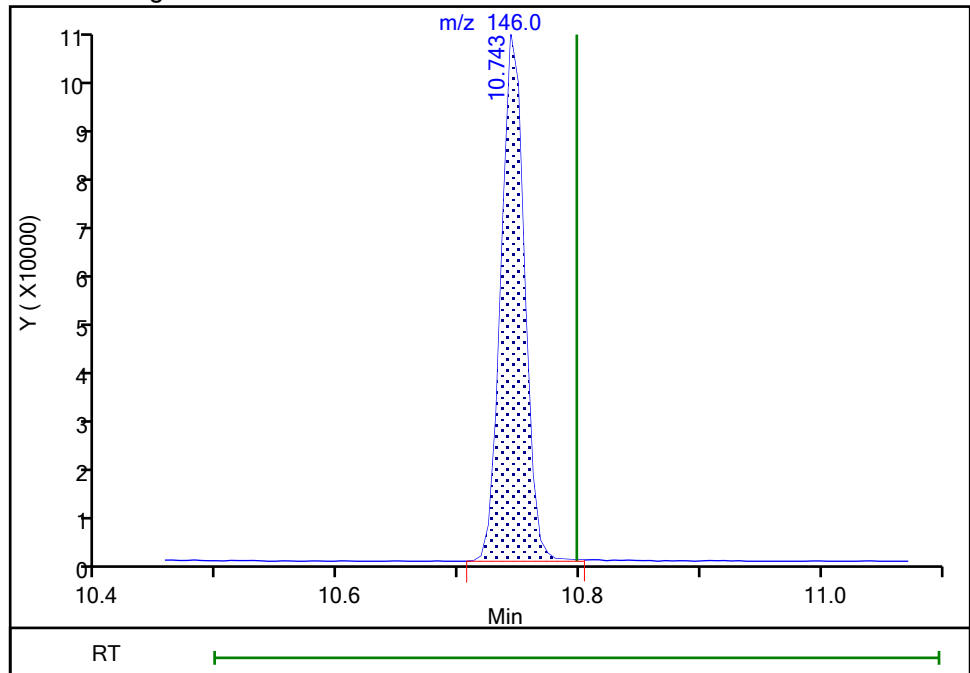
RT: 10.81  
Area: 337  
Amount: 0.054012  
Amount Units: ug/l

## Processing Integration Results



RT: 10.74  
Area: 136277  
Amount: 21.841508  
Amount Units: ug/l

## Manual Integration Results



Reviewer: kluseys, 12-Oct-2021 18:03:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45713.D

Injection Date: 12-Oct-2021 13:42:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

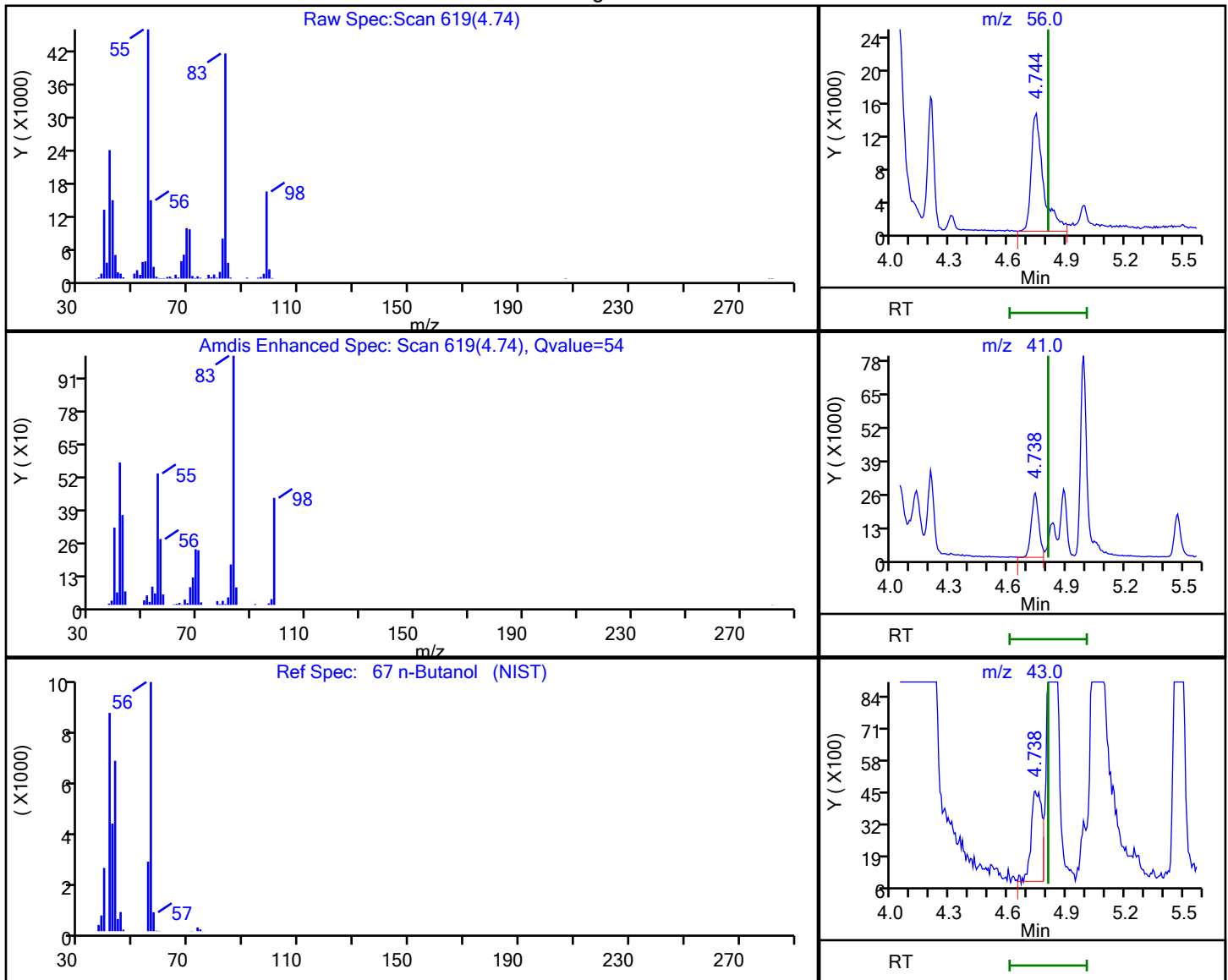
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 67 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
4.74	56.00	63220	717.8833
4.74	41.00	67877	
4.74	43.00	14545	

Reviewer: baronm, 14-Oct-2021 13:52:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-806689/3 Calibration Date: 10/13/2021 07:02  
 Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08  
 Lab File ID: TT45726.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
Monochloropentafluoroethane	Ave	0.0310	0.0373		24.1	20.0	20.5*	20.0
Chlorotrifluoroethene	Qua2		0.1418		23.1	20.0	15.7	20.0
1,1-Difluoroethane	Ave	0.2696	0.2684		19.9	20.0	-0.5	20.0
Dichlorodifluoromethane	Qua2		0.4783	0.1000	22.7	20.0	13.6	20.0
Chlorodifluoromethane	Ave	0.0993	0.0922		18.6	20.0	-7.1	20.0
Chloromethane	Ave	0.8317	0.8607	0.1000	20.7	20.0	3.5	20.0
Butadiene	Ave	0.5119	0.6360		24.8	20.0	24.2*	20.0
Vinyl chloride	Ave	0.6207	0.7224	0.1000	23.3	20.0	16.4	20.0
Bromomethane	Ave	2.389	2.891	0.1000	24.2	20.0	21.0	50.0
Chloroethane	Ave	2.288	2.795	0.1000	24.4	20.0	22.2	50.0
Dichlorofluoromethane	Ave	0.8199	0.9420		23.0	20.0	14.9	20.0
Trichlorofluoromethane	Ave	0.4615	0.5484	0.1000	23.8	20.0	18.8	20.0
Pentane	Ave	0.0621	0.0668		43.0	40.0	7.5	20.0
Ethanol	QuaF		0.7366		928	800	16.0	50.0
Ethyl ether	Ave	0.2301	0.2412		21.0	20.0	4.9	20.0
2-Methyl-1,3-butadiene	Ave	0.3983	0.4446		22.3	20.0	11.6	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2936	0.3128		21.3	20.0	6.6	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.5463	0.5956		21.8	20.0	9.0	20.0
Acrolein	Ave	0.0796	0.0809		41.2	40.6	1.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2877	0.3392	0.1000	23.6	20.0	17.9	20.0
1,1-Dichloroethene	Ave	0.3252	0.3665	0.1000	22.5	20.0	12.7	20.0
Acetone	Ave	0.9430	1.073	0.0500	114	100	13.8	50.0
Iodomethane	Ave	0.5323	0.6000		22.5	20.0	12.7	20.0
Isopropyl alcohol	Ave	6.772	7.182		212	200	6.0	50.0
Carbon disulfide	Ave	1.484	1.658	0.1000	22.3	20.0	11.7	50.0
3-Chloro-1-propene	Ave	0.2939	0.3044		20.7	20.0	3.5	20.0
Cyclopentene	Ave	0.9661	1.096		22.7	20.0	13.5	20.0
Methyl acetate	Ave	0.3749	0.4015	0.1000	42.8	40.0	7.1	20.0
Acetonitrile	Ave	0.3193	0.5799		363	200	81.6*	20.0
Methylene Chloride	Ave	0.4298	0.4810	0.1000	22.4	20.0	11.9	20.0
2-Methyl-2-propanol	Ave	9.561	9.803		205	200	2.5	50.0
Methyl tert-butyl ether	Ave	1.110	1.219	0.1000	22.0	20.0	9.8	20.0
trans-1,2-Dichloroethene	Ave	0.3673	0.4150	0.1000	22.6	20.0	13.0	20.0
Acrylonitrile	Ave	0.1831	0.2045		223	200	11.7	20.0
Hexane	Ave	0.5640	0.6195		22.0	20.0	9.8	20.0
Isopropyl ether	Ave	1.794	1.928		21.5	20.0	7.5	20.0
1,1-Dichloroethane	Ave	0.8266	0.9150	0.2000	22.1	20.0	10.7	20.0
Vinyl acetate	Ave	0.4360	0.5194		47.7	40.0	19.1	20.0
2-Chloro-1,3-butadiene	Ave	0.3256	0.3538		21.7	20.0	8.7	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-806689/3 Calibration Date: 10/13/2021 07:02

Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08

Lab File ID: TT45726.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
Tert-butyl ethyl ether	Ave	1.371	1.501		21.9	20.0	9.4	20.0
2,2-Dichloropropane	Lin2		0.1409		22.8	20.0	14.0	20.0
cis-1,2-Dichloroethene	Ave	0.4111	0.4491	0.1000	21.9	20.0	9.3	20.0
2-Butanone (MEK)	Ave	0.2427	0.2890	0.0500	119	100	19.1	50.0
Ethyl acetate	Ave	0.2256	0.2824		50.1	40.0	25.2*	20.0
Methyl acrylate	Ave	0.3681	0.3881		21.1	20.0	5.4	20.0
Propionitrile	Ave	11.00	13.18		240	200	19.8	20.0
Chlorobromomethane	Ave	0.1817	0.2051		22.6	20.0	12.9	20.0
Tetrahydrofuran	Ave	0.2923	0.3068		42.0	40.0	5.0	20.0
Methacrylonitrile	Ave	0.1499	0.1702		227	200	13.6	20.0
Chloroform	Ave	0.6418	0.7085	0.2000	22.1	20.0	10.4	20.0
Cyclohexane	Ave	0.4924	0.5797	0.1000	23.5	20.0	17.7	50.0
1,1,1-Trichloroethane	Ave	0.4948	0.5739	0.1000	23.2	20.0	16.0	20.0
Carbon tetrachloride	Ave	0.3940	0.4531	0.1000	23.0	20.0	15.0	20.0
1,1-Dichloropropene	Ave	0.5214	0.5831		22.4	20.0	11.8	20.0
Isooctane	Ave	1.444	1.645		22.8	20.0	14.0	20.0
Isobutyl alcohol	Qua2		3.592		540	500	7.9	20.0
Benzene	Ave	2.109	2.372	0.5000	22.5	20.0	12.5	20.0
Tert-amyl methyl ether	Ave	1.245	1.377		22.1	20.0	10.6	20.0
1,2-Dichloroethane	Ave	0.5281	0.5925	0.1000	22.4	20.0	12.2	20.0
Isopropyl acetate	Ave	0.2072	0.2281		22.0	20.0	10.1	20.0
n-Heptane	Ave	0.0755	0.0852		22.6	20.0	12.9	20.0
Trichloroethene	Ave	0.3498	0.3881	0.2000	22.2	20.0	11.0	20.0
Methylcyclohexane	Ave	0.5676	0.6485	0.1000	22.9	20.0	14.3	50.0
Ethyl acrylate	Ave	0.0424	0.0473		22.3	20.0	11.7	20.0
1,2-Dichloropropane	Ave	0.4442	0.4984	0.1000	22.4	20.0	12.2	20.0
Methyl methacrylate	Qua2		0.0847		45.1	40.0	12.8	20.0
Dibromomethane	Ave	0.2230	0.2481		22.3	20.0	11.3	20.0
1,4-Dioxane	Ave	1.497	1.870		500	400	24.9	50.0
n-Propyl acetate	QuaF		0.6609		20.3	20.0	1.3	20.0
Dichlorobromomethane	Ave	0.4754	0.5243	0.2000	22.1	20.0	10.3	20.0
2-Nitropropane	Ave	0.1223	0.1178		38.5	40.0	-3.6	20.0
2-Chloroethyl vinyl ether	Ave	0.2384	0.2533		21.3	20.0	6.3	20.0
Epichlorohydrin	QuaF		0.2402		411	400	2.8	20.0
cis-1,3-Dichloropropene	Ave	0.8456	0.9894	0.2000	23.4	20.0	17.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.9942	1.102	0.0500	111	100	10.8	50.0
Toluene	Ave	1.976	2.267	0.4000	23.0	20.0	14.8	20.0
trans-1,3-Dichloropropene	Ave	0.7485	0.8369	0.1000	22.4	20.0	11.8	50.0
Ethyl methacrylate	Qua2		0.7128		21.5	20.0	7.3	20.0
1,1,2-Trichloroethane	Ave	0.3809	0.4406	0.1000	23.1	20.0	15.7	20.0
Tetrachloroethene	Ave	0.3994	0.4755	0.2000	23.8	20.0	19.1	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-806689/3 Calibration Date: 10/13/2021 07:02  
 Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08  
 Lab File ID: TT45726.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
1,3-Dichloropropane	Ave	0.7802	0.8907		22.8	20.0	14.2	20.0
2-Hexanone	QuaF		1.699	0.0500	95.4	100	-4.6	50.0
Chlorodibromomethane	Ave	0.4019	0.4590	0.1000	22.8	20.0	14.2	50.0
n-Butyl acetate	QuaF		1.142		21.3	20.0	6.3	20.0
Ethylene Dibromide	Ave	0.3912	0.4501	0.1000	23.0	20.0	15.0	20.0
Chlorobenzene	Ave	1.210	1.382	0.5000	22.8	20.0	14.2	20.0
Ethylbenzene	Ave	0.6289	0.7427	0.1000	23.6	20.0	18.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4258	0.4857		22.8	20.0	14.1	20.0
m-Xylene & p-Xylene	Ave	0.7613	0.8810	0.1000	23.1	20.0	15.7	20.0
o-Xylene	Ave	0.7904	0.9067	0.3000	22.9	20.0	14.7	20.0
Styrene	Ave	1.235	1.413	0.3000	22.9	20.0	14.5	20.0
n-Butyl acrylate	QuaF		0.3855		18.3	20.0	-8.3	20.0
Bromoform	Ave	0.2627	0.2831	0.1000	21.5	20.0	7.7	20.0
Amyl acetate (mixed isomers)	QuaF		2.163		15.7	20.0	-21.5*	20.0
Isopropylbenzene	Ave	2.046	2.443	0.1000	23.9	20.0	19.4	20.0
Bromobenzene	Ave	0.9885	1.097		22.2	20.0	11.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.318	1.449	0.3000	22.0	20.0	9.9	20.0
N-Propylbenzene	Ave	5.396	6.372		23.6	20.0	18.1	20.0
1,2,3-Trichloropropane	Ave	0.2907	0.3345		23.0	20.0	15.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3555	0.4194		23.6	20.0	18.0	20.0
2-Chlorotoluene	Ave	3.411	3.866		22.7	20.0	13.3	20.0
4-Ethyltoluene	Ave	3.975	4.691		23.6	20.0	18.0	20.0
1,3,5-Trimethylbenzene	Ave	3.483	4.066		23.3	20.0	16.7	20.0
4-Chlorotoluene	Ave	3.516	4.084		23.2	20.0	16.2	20.0
Butyl Methacrylate	QuaF		1.353		18.7	20.0	-6.5	20.0
tert-Butylbenzene	Ave	2.778	3.190		23.0	20.0	14.8	20.0
1,2,4-Trimethylbenzene	Ave	3.570	4.193		23.5	20.0	17.4	20.0
sec-Butylbenzene	Ave	4.629	5.402		23.3	20.0	16.7	20.0
1,3-Dichlorobenzene	Ave	1.863	2.087	0.6000	22.4	20.0	12.1	20.0
4-Isopropyltoluene	Ave	3.669	4.323		23.6	20.0	17.8	20.0
1,4-Dichlorobenzene	Ave	1.882	2.088	0.5000	22.2	20.0	11.0	20.0
1,2,3-Trimethylbenzene	Ave	3.798	4.324		22.8	20.0	13.9	20.0
Benzyl chloride	Ave	1.985	2.268		22.9	20.0	14.3	50.0
Indan	Ave	3.500	3.971		22.7	20.0	13.5	20.0
p-Diethylbenzene	Ave	1.951	2.208		22.6	20.0	13.2	20.0
n-Butylbenzene	Ave	2.202	2.639		24.0	20.0	19.9	20.0
1,2-Dichlorobenzene	Ave	1.787	2.076	0.4000	23.2	20.0	16.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.689	3.967		21.5	20.0	7.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2101	0.2280	0.0500	21.7	20.0	8.5	50.0
1,3,5-Trichlorobenzene	Ave	1.539	1.697		22.1	20.0	10.3	20.0
1,2,4-Trichlorobenzene	Ave	1.479	1.559	0.2000	21.1	20.0	5.4	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-806689/3 Calibration Date: 10/13/2021 07:02  
 Instrument ID: CVOAMS17 Calib Start Date: 10/12/2021 07:09  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/12/2021 12:08  
 Lab File ID: TT45726.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
Hexachlorobutadiene	Ave	0.6285	0.7175		22.8	20.0	14.2	20.0
Naphthalene	Ave	3.469	3.853		22.2	20.0	11.1	50.0
1,2,3-Trichlorobenzene	Ave	1.373	1.526		22.2	20.0	11.1	20.0
n-Butanol	Ave	0.8763			8.70	500		
Dibromofluoromethane (Surr)	Ave	0.2504	0.2488		49.7	50.0	-0.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3569	0.3450		48.3	50.0	-3.3	20.0
Toluene-d8 (Surr)	Ave	1.317	1.389		52.7	50.0	5.4	20.0
4-Bromofluorobenzene	Ave	0.3554	0.3588		50.5	50.0	1.0	20.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 13-Oct-2021 07:02:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0135933-003  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 08:12:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.117	1.117	0.000	65	6283	20.0	24.1	a
3 Chlorotrifluoroethene	116	1.171	1.171	0.000	59	23870	20.0	23.1	
2 1,1-Difluoroethane	65	1.184	1.184	0.000	89	45171	20.0	19.9	
4 Dichlorodifluoromethane	85	1.196	1.196	0.000	53	80490	20.0	22.7	
5 Chlorodifluoromethane	67	1.208	1.208	0.000	98	15513	20.0	18.6	
6 Chloromethane	50	1.324	1.324	0.000	99	144839	20.0	20.7	M
8 Butadiene	54	1.379	1.379	0.000	89	107030	20.0	24.8	
7 Vinyl chloride	62	1.385	1.385	0.000	98	121568	20.0	23.3	
9 Bromomethane	94	1.592	1.592	0.000	99	73995	20.0	24.2	
10 Chloroethane	64	1.635	1.635	0.000	100	71536	20.0	24.4	
12 Trichlorofluoromethane	101	1.769	1.769	0.000	53	92295	20.0	23.8	
11 Dichlorofluoromethane	67	1.769	1.769	0.000	97	158528	20.0	23.0	
13 Pentane	72	1.775	1.775	0.000	97	22490	40.0	43.0	
14 Ethanol	46	1.915	1.915	0.000	85	22898	800.0	928.3	
15 Ethyl ether	74	1.915	1.915	0.000	87	40599	20.0	21.0	
16 2-Methyl-1,3-butadiene	53	1.933	1.933	0.000	95	74826	20.0	22.3	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.976	1.976	0.000	93	52643	20.0	21.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.019	2.019	0.000	94	100230	20.0	21.8	a
19 Acrolein	56	2.049	2.049	0.000	96	27622	40.6	41.2	
20 112TCTFE	101	2.080	2.080	0.000	55	57087	20.0	23.6	a
21 1,1-Dichloroethene	96	2.086	2.086	0.000	92	61681	20.0	22.5	
22 Acetone	43	2.147	2.147	0.000	85	137285	100.0	113.8	
23 Iodomethane	142	2.202	2.202	0.000	99	100974	20.0	22.5	
25 Isopropyl alcohol	45	2.226	2.226	0.000	40	55814	200.0	212.1	
24 Carbon disulfide	76	2.232	2.232	0.000	100	279015	20.0	22.3	
26 3-Chloro-1-propene	76	2.330	2.330	0.000	92	51219	20.0	20.7	
27 Methyl acetate	43	2.342	2.342	0.000	98	135145	40.0	42.8	
28 Cyclopentene	67	2.342	2.342	0.000	93	184470	20.0	22.7	
29 Acetonitrile	41	2.385	2.385	0.000	99	148394	200.0	363.2	a
30 Methylene Chloride	84	2.433	2.433	0.000	95	80954	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.452	2.452	0.000	98	38858	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.500	2.500	0.000	91	76185	200.0	205.1	a
33 Methyl tert-butyl ether	73	2.574	2.574	0.000	98	205111	20.0	22.0	
34 trans-1,2-Dichloroethene	96	2.586	2.586	0.000	97	69836	20.0	22.6	
35 Acrylonitrile	53	2.647	2.647	0.000	94	344081	200.0	223.3	
36 Hexane	57	2.708	2.708	0.000	95	104249	20.0	22.0	
37 Isopropyl ether	45	2.897	2.897	0.000	95	324490	20.0	21.5	
38 1,1-Dichloroethane	63	2.915	2.915	0.000	99	153986	20.0	22.1	
39 Vinyl acetate	86	2.927	2.927	0.000	100	26585	40.0	47.7	
40 2-Chloro-1,3-butadiene	88	2.952	2.952	0.000	93	59541	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.171	3.171	0.000	87	252547	20.0	21.9	
* 42 2-Butanone-d5	46	3.336	3.336	0.000	96	319892	250.0	250.0	
43 2,2-Dichloropropane	97	3.348	3.348	0.000	62	23713	20.0	22.8	
44 cis-1,2-Dichloroethene	96	3.354	3.354	0.000	90	75585	20.0	21.9	
45 2-Butanone (MEK)	72	3.384	3.384	0.000	95	36977	100.0	119.1	
46 Ethyl acetate	70	3.390	3.390	0.000	95	14453	40.0	50.1	
47 Methyl acrylate	55	3.433	3.433	0.000	98	65305	20.0	21.1	a
48 Propionitrile	54	3.500	3.500	0.000	98	102413	200.0	239.7	
49 Chlorobromomethane	128	3.549	3.549	0.000	94	34520	20.0	22.6	
50 Tetrahydrofuran	72	3.561	3.561	0.000	89	15705	40.0	42.0	
51 Methacrylonitrile	67	3.579	3.579	0.000	97	286504	200.0	227.2	
52 Chloroform	83	3.604	3.604	0.000	97	119239	20.0	22.1	
53 Cyclohexane	84	3.714	3.714	0.000	98	97557	20.0	23.5	
54 1,1,1-Trichloroethane	97	3.726	3.726	0.000	95	96578	20.0	23.2	
\$ 55 Dibromofluoromethane (Surr)	113	3.738	3.738	0.000	95	104686	50.0	49.7	
56 Carbon tetrachloride	117	3.829	3.829	0.000	95	76253	20.0	23.0	
57 1,1-Dichloropropene	75	3.854	3.854	0.000	92	98130	20.0	22.4	
59 Isooctane	57	4.012	4.012	0.000	99	276887	20.0	22.8	
58 Isobutyl alcohol	43	4.018	4.018	0.000	38	69794	500.0	539.5	a
60 Benzene	78	4.025	4.025	0.000	97	284301	20.0	22.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.049	4.049	0.000	95	145129	50.0	48.3	
62 Tert-amyl methyl ether	73	4.104	4.104	0.000	97	231800	20.0	22.1	
64 1,2-Dichloroethane	62	4.116	4.116	0.000	96	99710	20.0	22.4	
63 Isopropyl acetate	61	4.116	4.116	0.000	97	38385	20.0	22.0	
65 n-Heptane	100	4.183	4.183	0.000	98	14342	20.0	22.6	
* 66 Fluorobenzene	96	4.293	4.293	0.000	97	420722	50.0	50.0	
68 Trichloroethene	95	4.610	4.610	0.000	94	65319	20.0	22.2	
69 Methylcyclohexane	83	4.719	4.719	0.000	91	109128	20.0	22.9	
70 Ethyl acrylate	99	4.762	4.762	0.000	96	7964	20.0	22.3	a
71 1,2-Dichloropropane	63	4.878	4.878	0.000	90	83873	20.0	22.4	
* 72 1,4-Dioxane-d8	96	4.963	4.963	0.000	91	19644	1000.0	1000.0	
73 Methyl methacrylate	100	4.982	4.982	0.000	96	28507	40.0	45.1	
74 Dibromomethane	93	4.994	4.994	0.000	95	41750	20.0	22.3	
75 1,4-Dioxane	88	5.012	5.012	0.000	88	14691	400.0	499.7	
76 n-Propyl acetate	43	5.049	5.049	0.000	98	111219	20.0	20.3	
77 Dichlorobromomethane	83	5.140	5.140	0.000	98	88227	20.0	22.1	
78 2-Nitropropane	41	5.469	5.469	0.000	84	39652	40.0	38.5	
79 2-Chloroethyl vinyl ether	63	5.482	5.482	0.000	88	42738	20.0	21.3	
80 Epichlorohydrin	57	5.579	5.579	0.000	98	122944	400.0	411.3	
81 cis-1,3-Dichloropropene	75	5.616	5.616	0.000	99	118569	20.0	23.4	
82 4-Methyl-2-pentanone (MIBK)	58	5.792	5.792	0.000	97	140996	100.0	110.8	a
\$ 83 Toluene-d8 (Surr)	98	5.835	5.835	0.000	98	416105	50.0	52.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	5.908	5.908	0.000	92	271740	20.0	23.0	
85 trans-1,3-Dichloropropene	75	6.262	6.262	0.000	96	100299	20.0	22.4	
86 Ethyl methacrylate	69	6.317	6.317	0.000	94	85426	20.0	21.5	
87 1,1,2-Trichloroethane	83	6.457	6.457	0.000	93	52806	20.0	23.1	
88 Tetrachloroethene	166	6.481	6.481	0.000	93	56987	20.0	23.8	
89 1,3-Dichloropropane	76	6.652	6.652	0.000	98	106748	20.0	22.8	
90 2-Hexanone	43	6.750	6.750	0.000	99	217339	100.0	95.4	
92 Chlorodibromomethane	129	6.865	6.865	0.000	96	55010	20.0	22.8	
91 n-Butyl acetate	43	6.884	6.884	0.000	96	136860	20.0	21.3	
93 Ethylene Dibromide	107	7.000	7.000	0.000	96	53936	20.0	23.0	
* 94 Chlorobenzene-d5	117	7.530	7.530	0.000	91	299604	50.0	50.0	
95 Chlorobenzene	112	7.566	7.566	0.000	90	165645	20.0	22.8	
96 Ethylbenzene	106	7.682	7.682	0.000	99	89011	20.0	23.6	
97 1,1,1,2-Tetrachloroethane	131	7.695	7.695	0.000	94	58209	20.0	22.8	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	99	105576	20.0	23.1	
99 o-Xylene	106	8.341	8.341	0.000	92	108657	20.0	22.9	
101 Styrene	104	8.383	8.383	0.000	93	169389	20.0	22.9	
100 n-Butyl acrylate	73	8.390	8.390	0.000	95	46194	20.0	18.3	
102 Bromoform	173	8.627	8.627	0.000	93	33922	20.0	21.5	
103 Amyl acetate (mixed isomers)	43	8.700	8.700	0.000	87	126750	20.0	15.7	
104 Isopropylbenzene	105	8.822	8.822	0.000	97	292767	20.0	23.9	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	107497	50.0	50.5	
106 Bromobenzene	156	9.225	9.225	0.000	91	64289	20.0	22.2	
107 1,1,2,2-Tetrachloroethane	83	9.334	9.334	0.000	98	84881	20.0	22.0	
108 N-Propylbenzene	91	9.353	9.353	0.000	98	373385	20.0	23.6	
109 1,2,3-Trichloropropane	110	9.377	9.377	0.000	96	19598	20.0	23.0	
110 trans-1,4-Dichloro-2-butene	53	9.426	9.426	0.000	85	24578	20.0	23.6	
111 2-Chlorotoluene	91	9.462	9.462	0.000	97	226518	20.0	22.7	
112 4-Ethyltoluene	105	9.499	9.499	0.000	98	274847	20.0	23.6	
113 1,3,5-Trimethylbenzene	105	9.584	9.584	0.000	91	238244	20.0	23.3	
114 4-Chlorotoluene	91	9.603	9.603	0.000	99	239315	20.0	23.2	
115 Butyl Methacrylate	87	9.755	9.755	0.000	96	79258	20.0	18.7	
116 tert-Butylbenzene	119	9.926	9.926	0.000	90	186912	20.0	23.0	
117 1,2,4-Trimethylbenzene	105	9.999	9.999	0.000	99	245686	20.0	23.5	
118 sec-Butylbenzene	105	10.157	10.157	0.000	98	316533	20.0	23.3	
119 1,3-Dichlorobenzene	146	10.285	10.285	0.000	92	122302	20.0	22.4	
120 4-Isopropyltoluene	119	10.322	10.322	0.000	97	253326	20.0	23.6	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	97	146491	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.389	0.000	92	122369	20.0	22.2	
123 1,2,3-Trimethylbenzene	105	10.426	10.426	0.000	99	253390	20.0	22.8	
124 Benzyl chloride	91	10.548	10.548	0.000	97	132882	20.0	22.9	
125 2,3-Dihydroindene	117	10.602	10.602	0.000	94	232715	20.0	22.7	
126 p-Diethylbenzene	119	10.694	10.694	0.000	90	129405	20.0	22.6	
127 n-Butylbenzene	92	10.718	10.718	0.000	98	154647	20.0	24.0	
128 1,2-Dichlorobenzene	146	10.743	10.743	0.000	93	121675	20.0	23.2	
129 1,2,4,5-Tetramethylbenzene	119	11.401	11.401	0.000	97	232427	20.0	21.5	
130 1,2-Dibromo-3-Chloropropane	157	11.468	11.468	0.000	89	13361	20.0	21.7	
131 1,3,5-Trichlorobenzene	180	11.590	11.590	0.000	95	99465	20.0	22.1	
132 1,2,4-Trichlorobenzene	180	12.102	12.102	0.000	93	91349	20.0	21.1	
133 Hexachlorobutadiene	225	12.200	12.200	0.000	92	42042	20.0	22.8	
134 Naphthalene	128	12.291	12.291	0.000	98	225754	20.0	22.2	
135 1,2,3-Trichlorobenzene	180	12.480	12.480	0.000	93	89398	20.0	22.2	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.4	
S 137 Xylenes, Total	100				0		40.0	46.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	45.8	
S 140 Total BTEX	1				0		100.0	115.2	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00144

Amount Added: 20.00

Units: uL

524freon\_00043

Amount Added: 20.00

Units: uL

GASES Li\_00443

Amount Added: 20.00

Units: uL

ACROLEIN W\_00131

Amount Added: 4.00

Units: uL

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

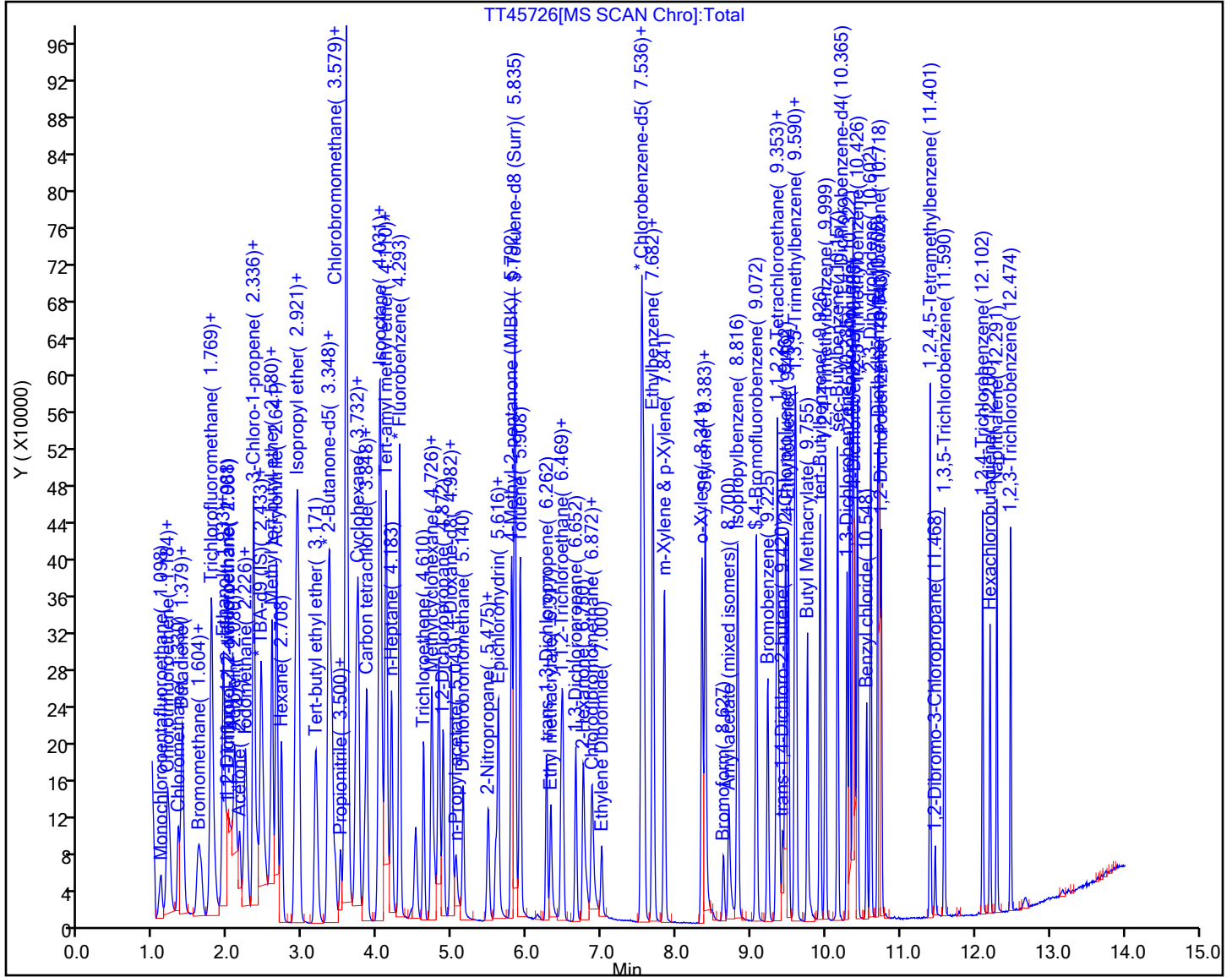
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

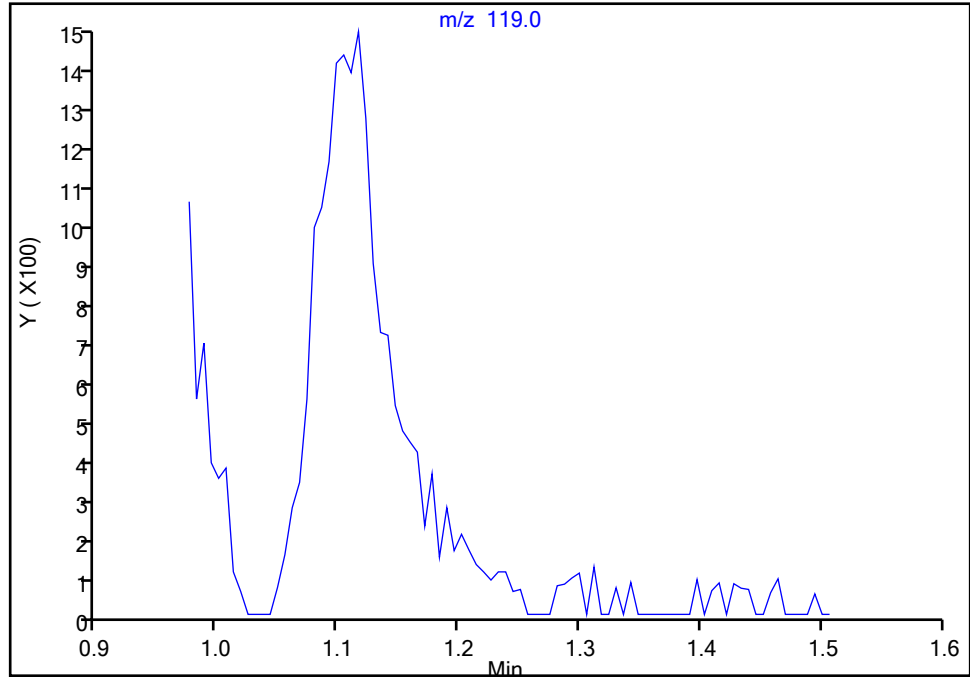
**1 Monochloropentafluoroethane, CAS: 76-15-3**

Signal: 1

Not Detected

Expected RT: 1.12

## Processing Integration Results



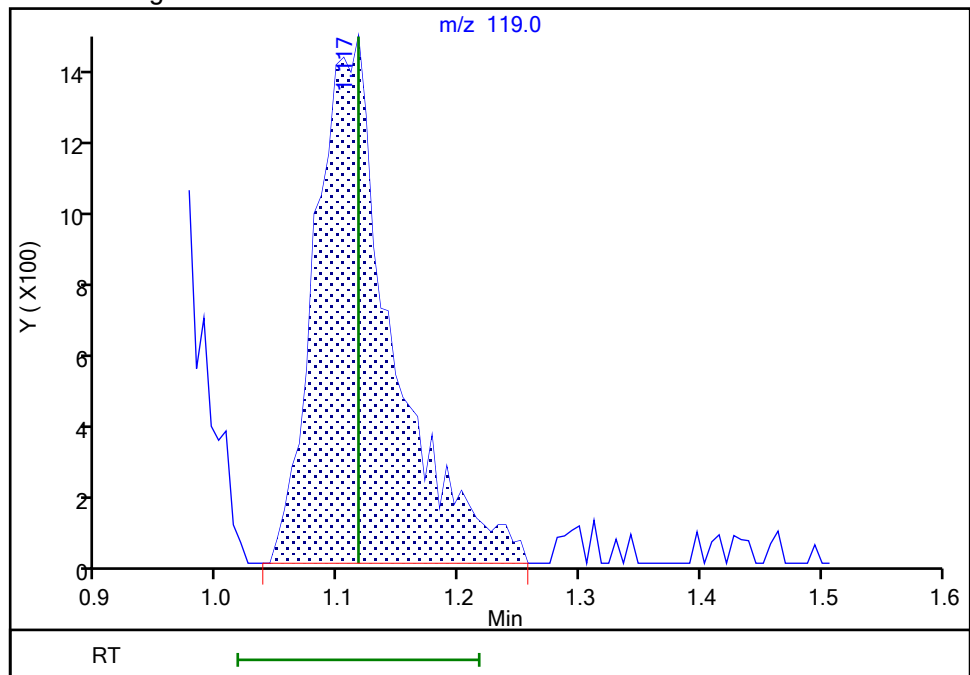
RT: 1.12

Area: 6283

Amount: 24.090852

Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 11:10:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

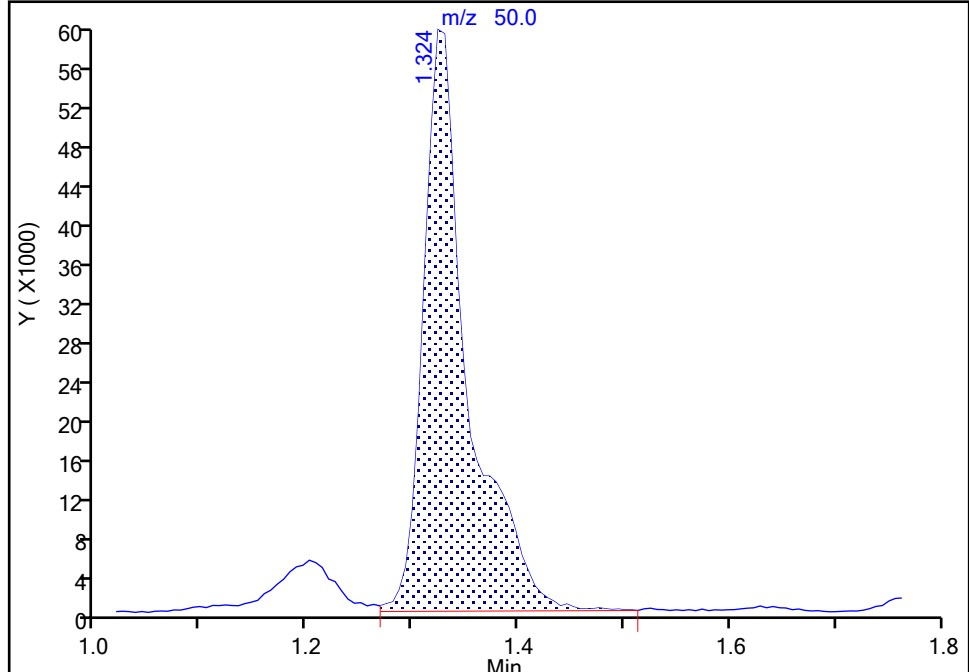
Detector: MS Quad

**6 Chloromethane, CAS: 74-87-3**

Signal: 1

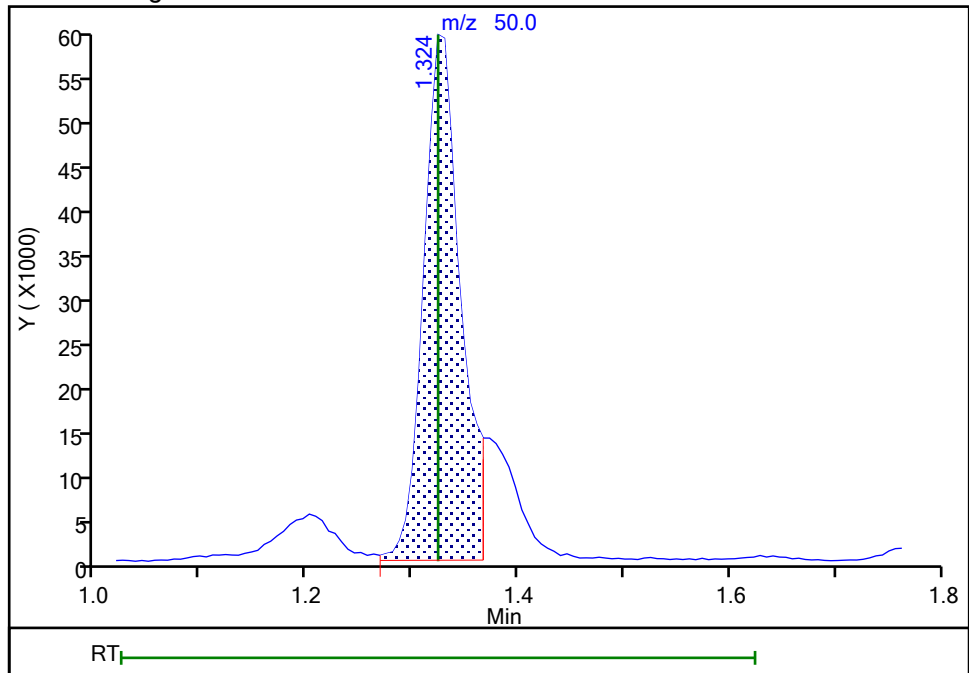
RT: 1.32  
Area: 172823  
Amount: 24.695144  
Amount Units: ug/l

## Processing Integration Results



RT: 1.32  
Area: 144839  
Amount: 20.696435  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 14:28:16

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

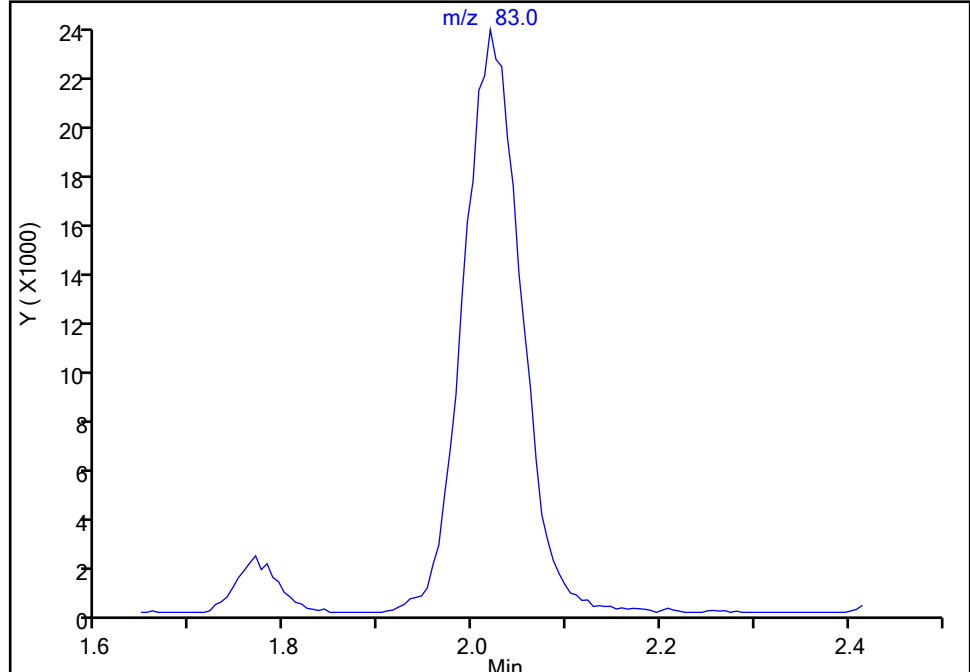
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

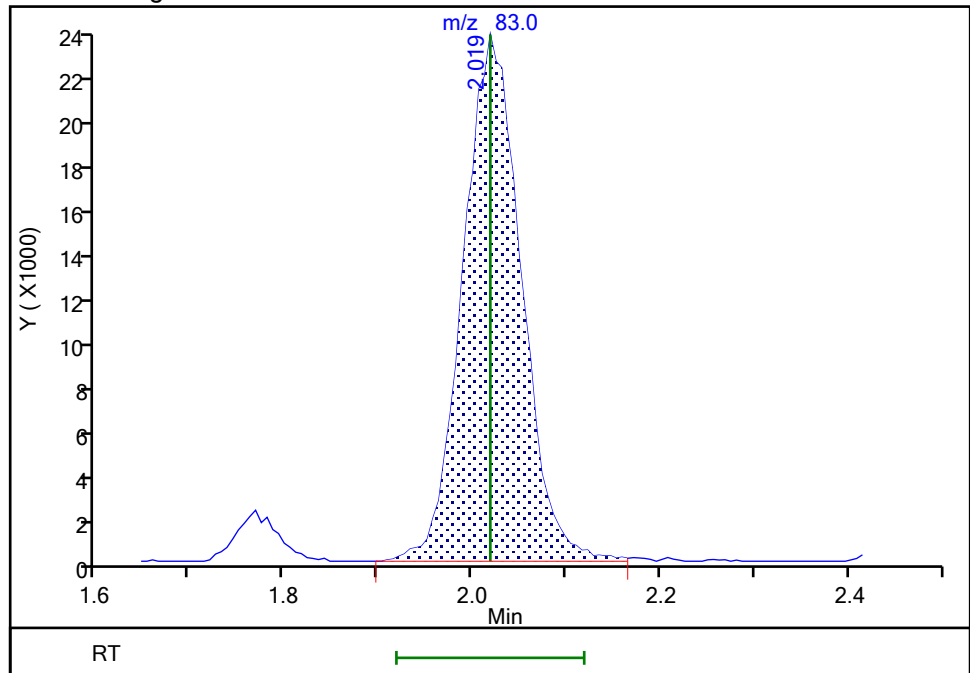
Expected RT: 2.02

## Processing Integration Results



RT: 2.02  
Area: 100230  
Amount: 21.804313  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 11:12:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

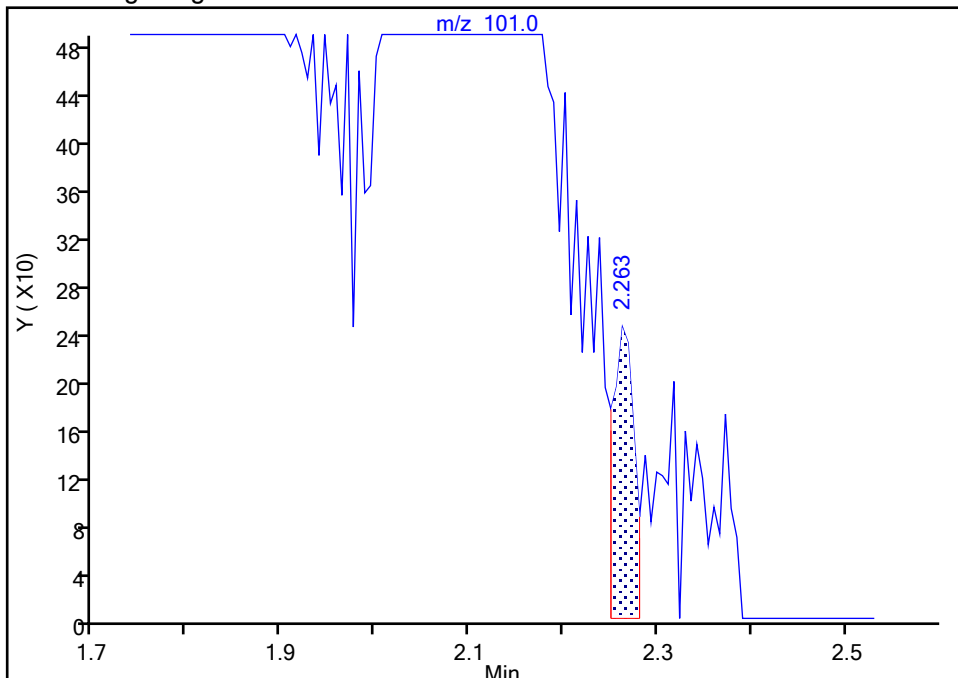
MS Quad

**20 112TCTFE, CAS: 76-13-1**

Signal: 1

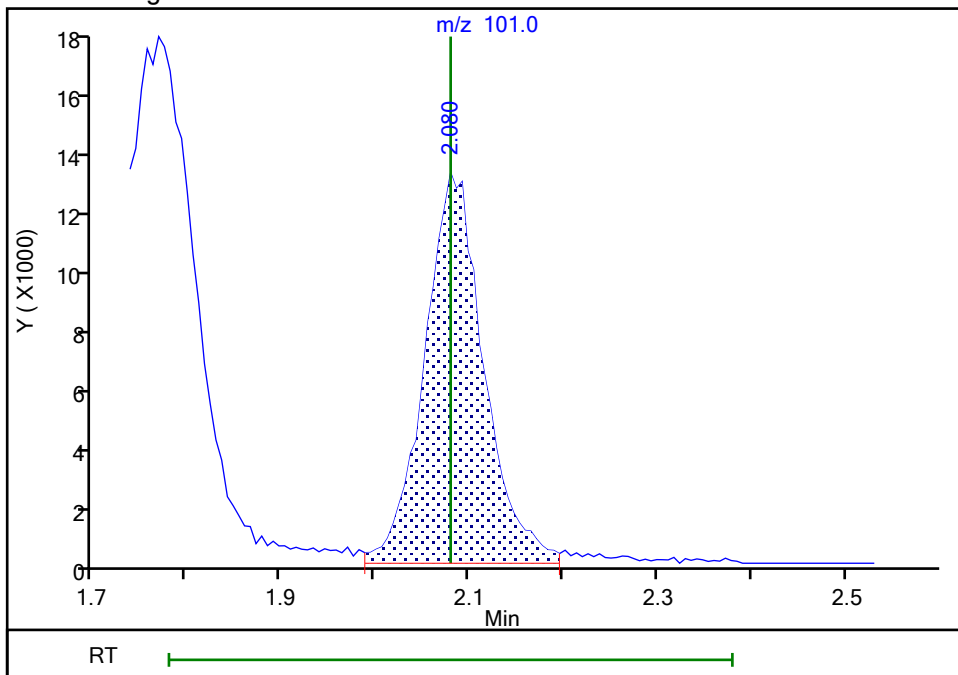
RT: 2.26  
Area: 393  
Amount: 0.162468  
Amount Units: ug/l

## Processing Integration Results



RT: 2.08  
Area: 57087  
Amount: 23.583827  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 11:12:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

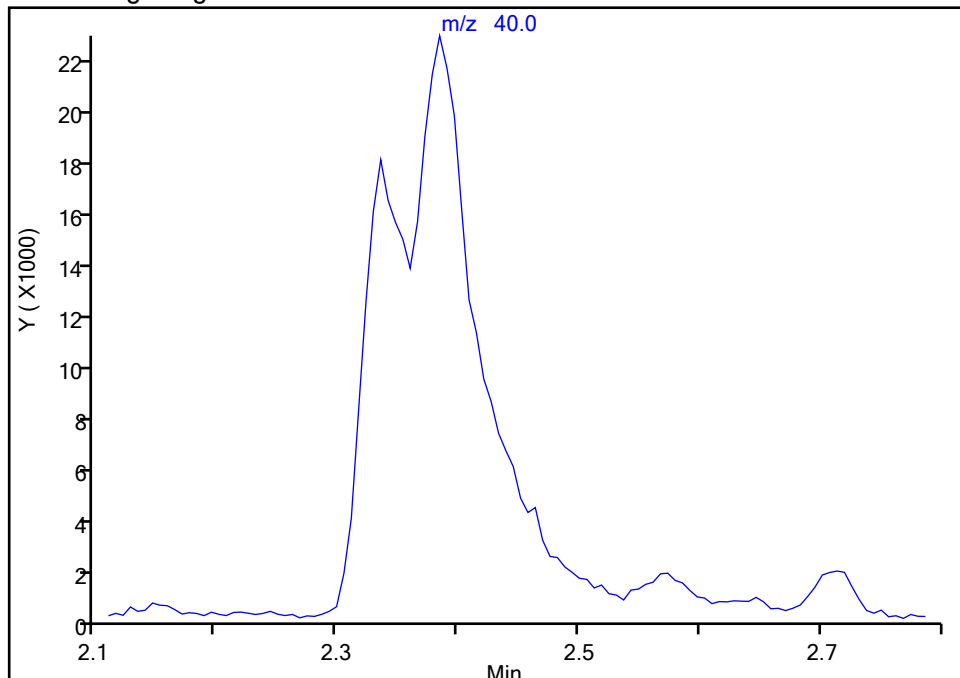
**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

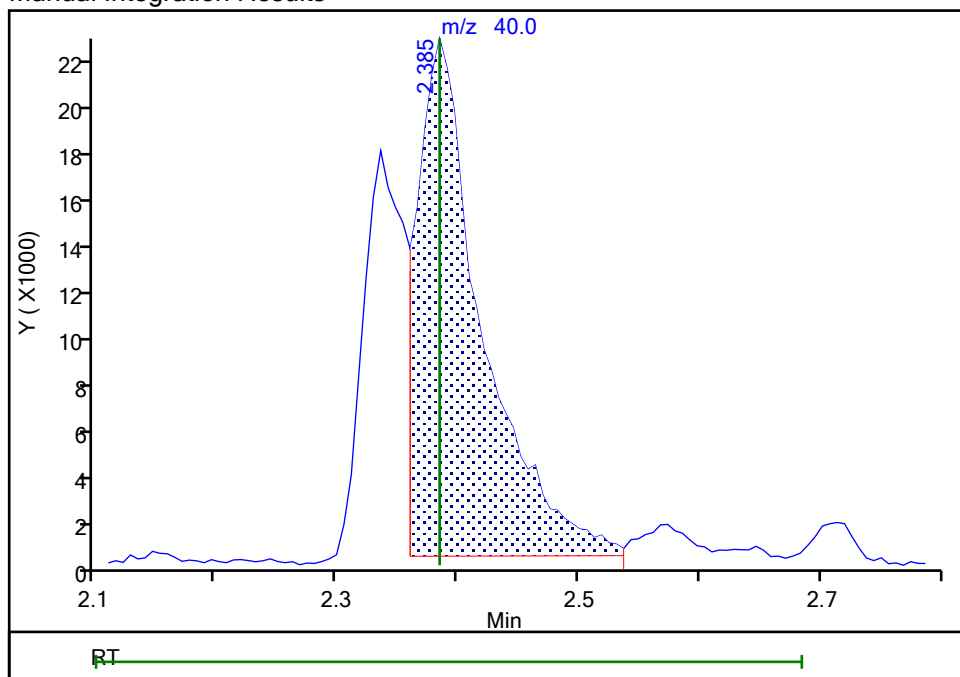
Not Detected

Expected RT: 2.38

## Processing Integration Results



## Manual Integration Results



Reviewer: desais, 13-Oct-2021 11:12:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

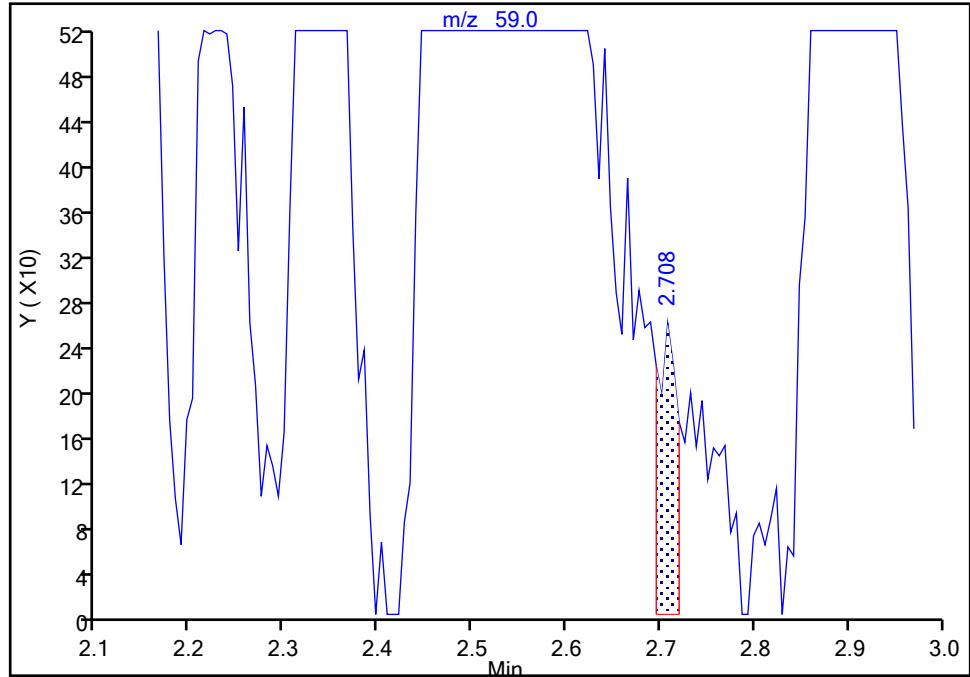
Detector: MS Quad

**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

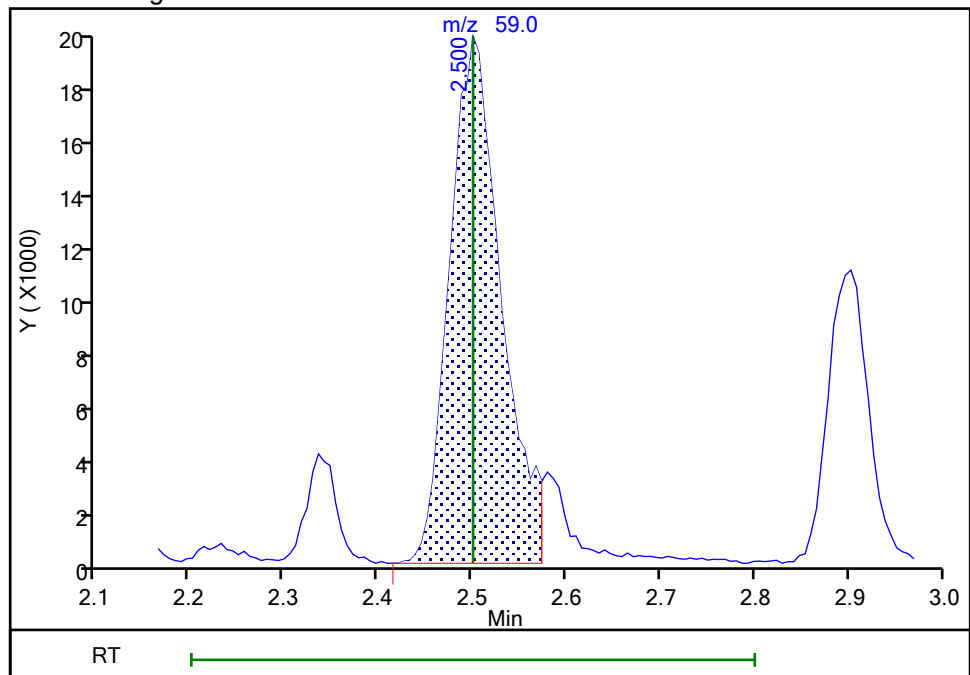
RT: 2.71  
Area: 390  
Amount: 1.049712  
Amount Units: ug/l

## Processing Integration Results



RT: 2.50  
Area: 76185  
Amount: 205.0571  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 11:12:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

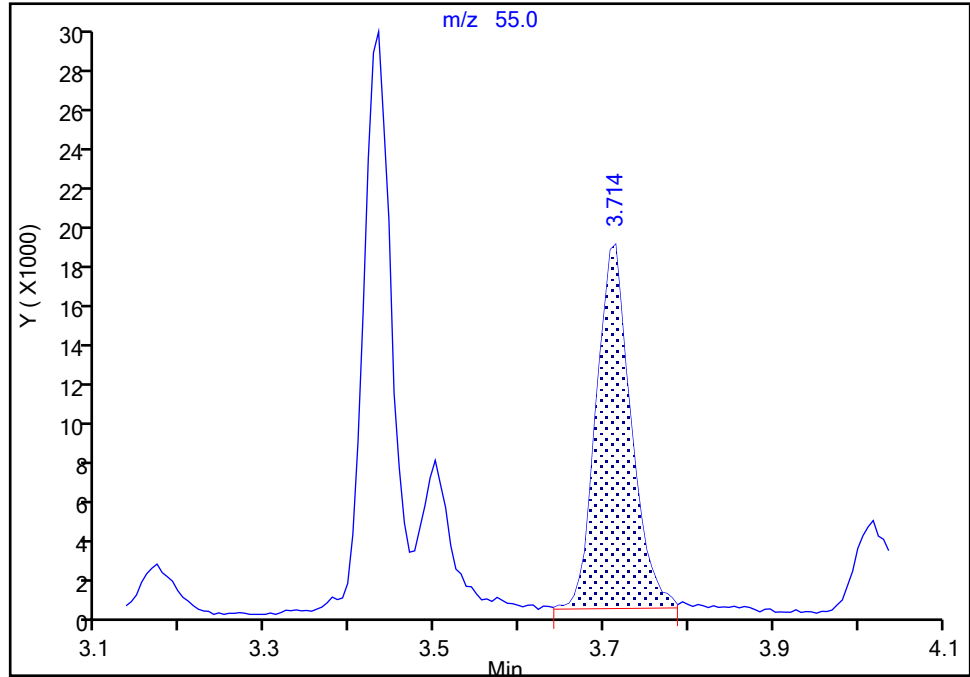
MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

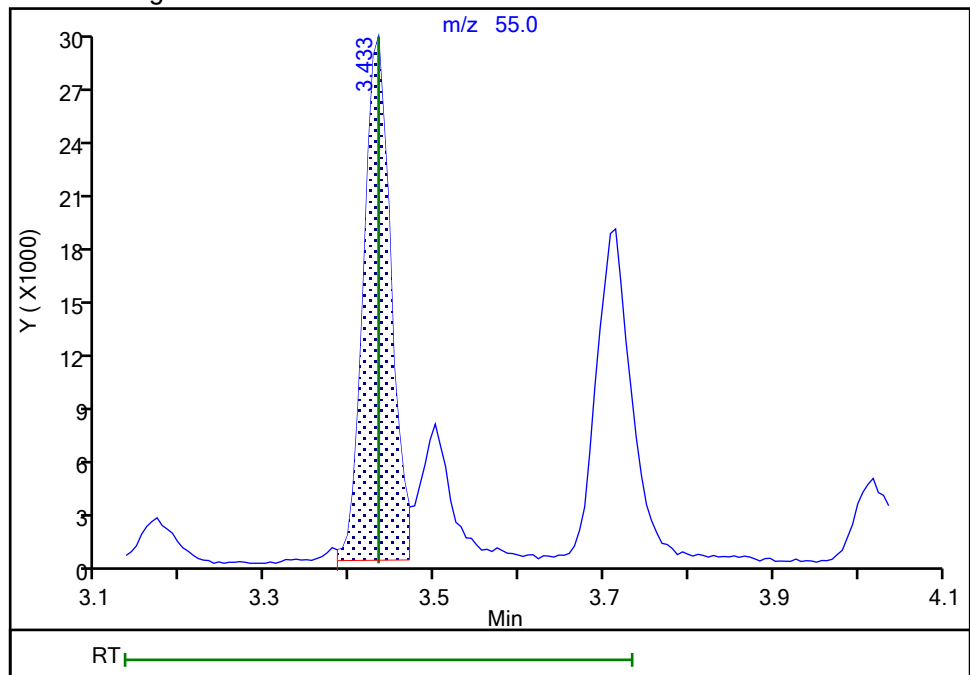
RT: 3.71  
Area: 51835  
Amount: 16.734149  
Amount Units: ug/l

## Processing Integration Results



RT: 3.43  
Area: 65305  
Amount: 21.082736  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 14:28:59

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

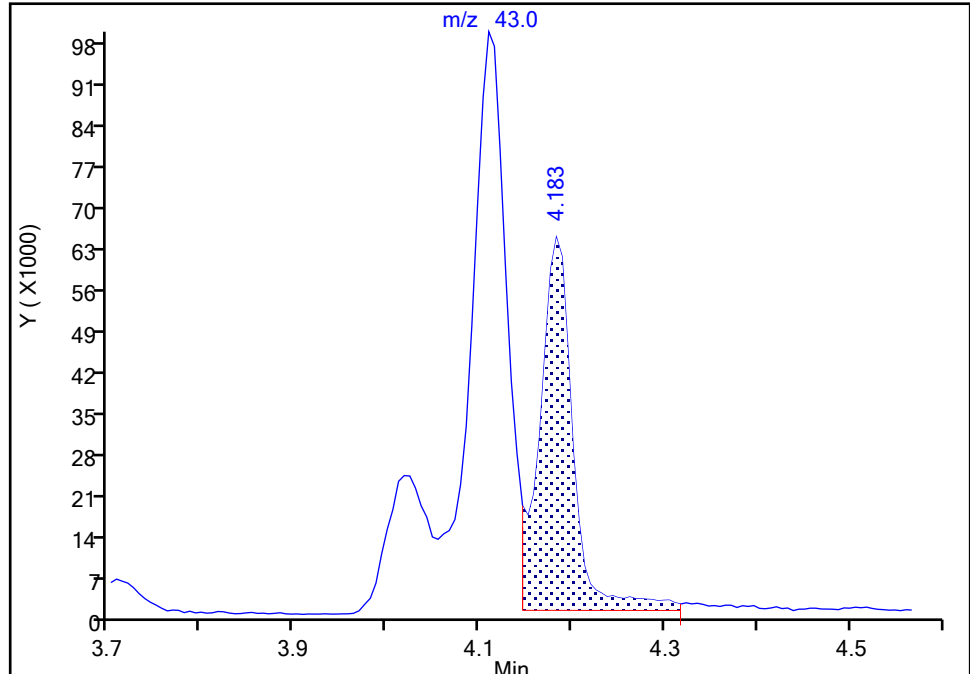
Detector: MS Quad

**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

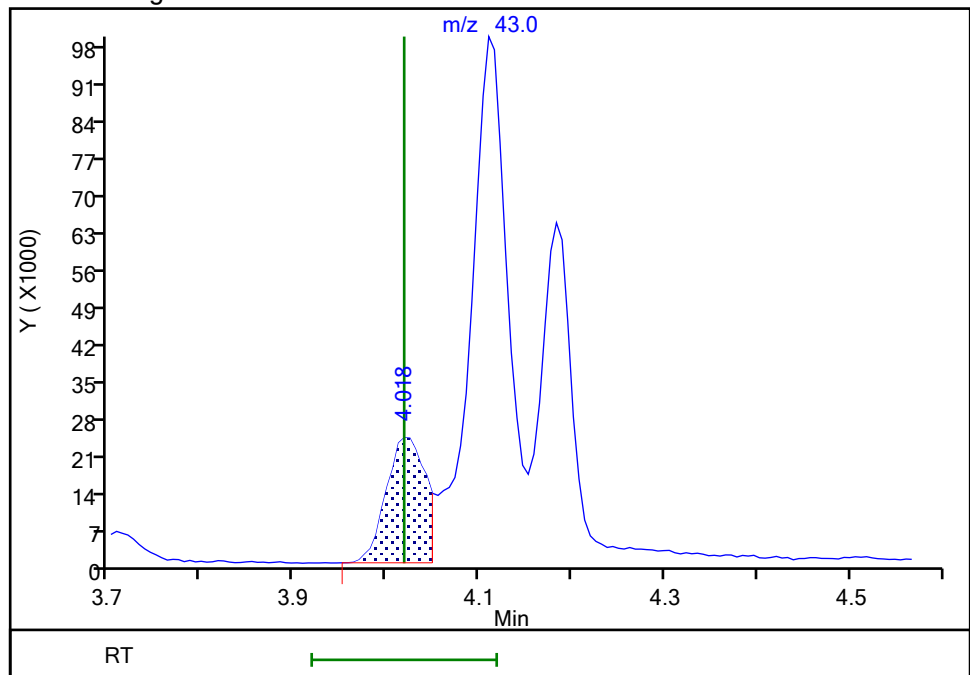
RT: 4.18  
Area: 160730  
Amount: 1180.2842  
Amount Units: ug/l

## Processing Integration Results



RT: 4.02  
Area: 69794  
Amount: 539.5184  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 14-Oct-2021 14:29:23

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

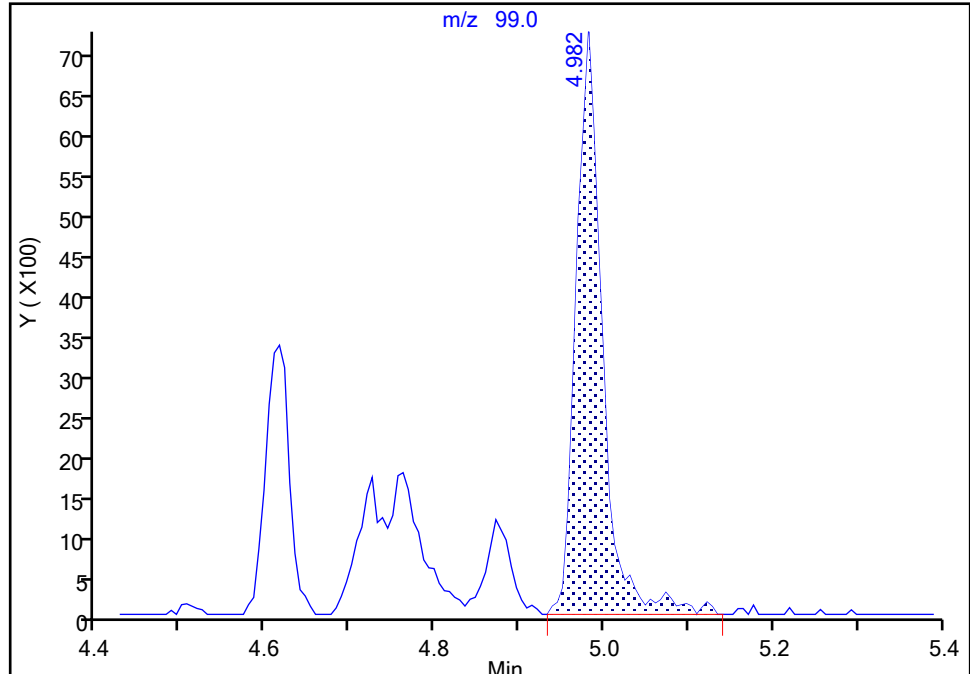
MS Quad

**70 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

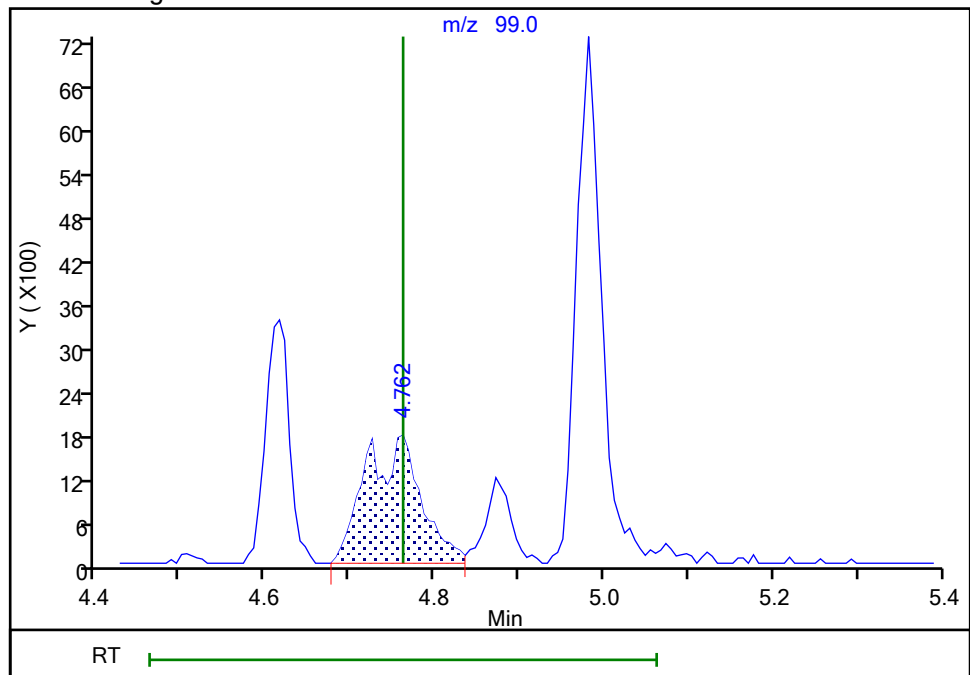
RT: 4.98  
Area: 15703  
Amount: 41.486130  
Amount Units: ug/l

## Processing Integration Results



RT: 4.76  
Area: 7964  
Amount: 22.330975  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 11:13:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

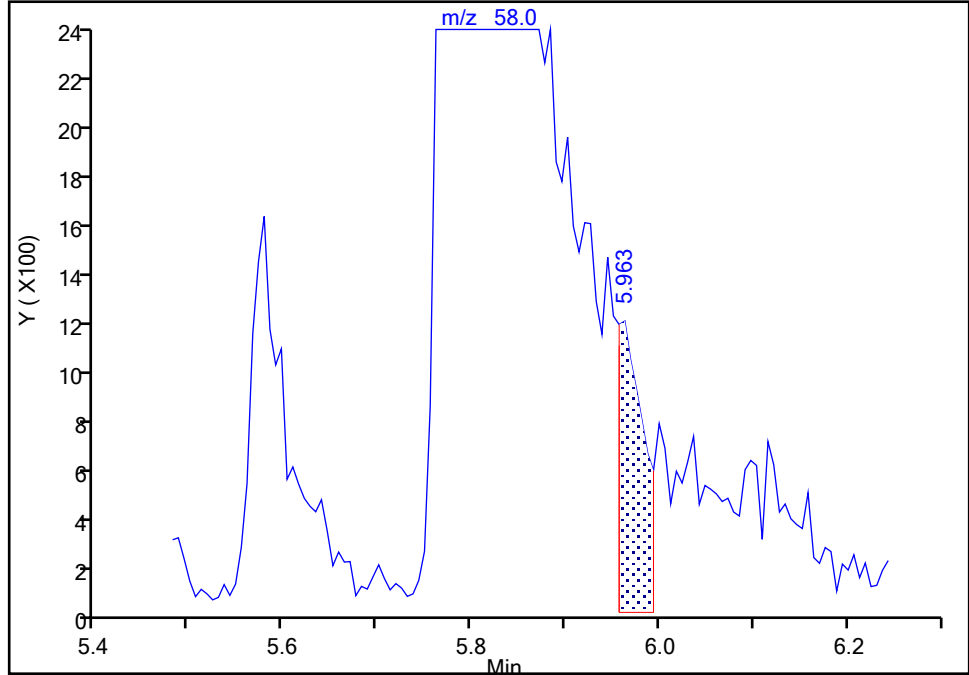
MS Quad

**82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1**

Signal: 1

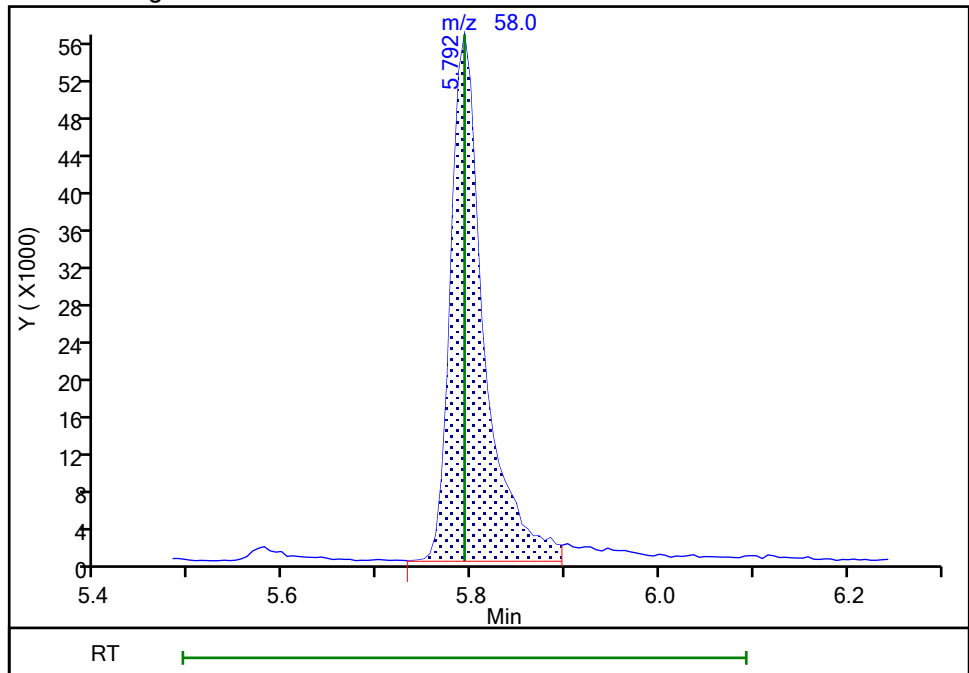
RT: 5.96  
Area: 2261  
Amount: 1.777226  
Amount Units: ug/l

## Processing Integration Results



RT: 5.79  
Area: 140996  
Amount: 110.8279  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 13-Oct-2021 11:13:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45726.D

Injection Date: 13-Oct-2021 07:02:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

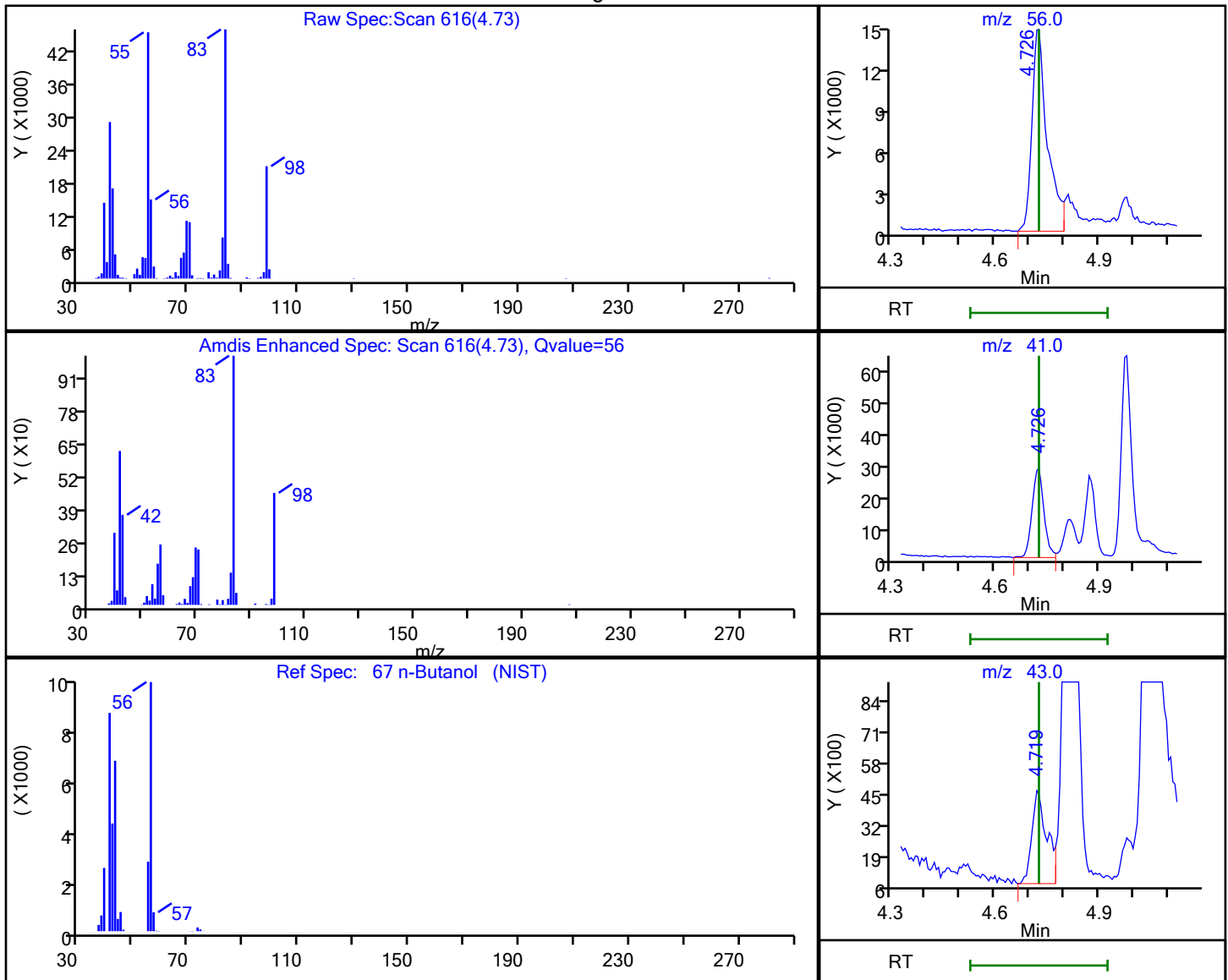
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 67 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
4.73	56.00	45514	1336.5702
4.73	41.00	67439	
4.72	43.00	12143	

Reviewer: baronm, 14-Oct-2021 14:29:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45698.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 12-Oct-2021 06:28:30 ALS Bottle#: 1 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0135876-001  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:15:29 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 12-Oct-2021 06:51:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------	-------------------	-------

\$ 141 BFB	95	2.751	2.751	0.000	0	62069	NR	NR	
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**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

BFB\_00030

Amount Added: 1.00

Units: uL

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45698.D

Injection Date: 12-Oct-2021 06:28:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 mL

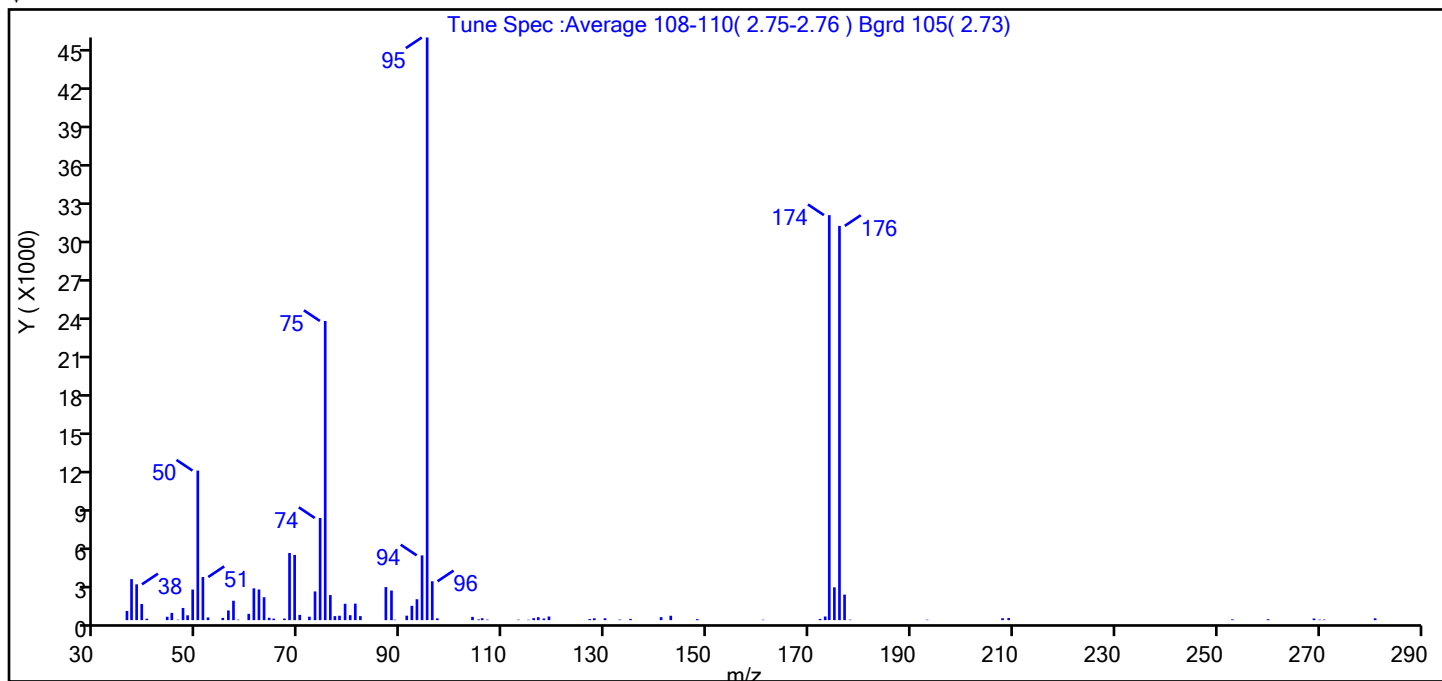
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.7
75	30 to 60% of m/z 95	51.3
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.6 (0.9)
174	50 to 120% of m/z 95	69.5
175	5 to 9% of m/z 174	5.6 (8.1)
176	Greater than 95% but less than 101% of m/z 174	67.7 (97.3)
177	5 to 9% of m/z 176	4.4 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45698.D\8260W\_17.rslt\spectra.d  
Injection Date: 12-Oct-2021 06:28:30  
Spectrum: Tune Spec :Average 108-110( 2.75-2.76 ) Bgrd 105( 2.73)  
Base Peak: 95.00  
Minimum % Base Peak: 0  
Number of Points: 84

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	718	63.00	1788	91.00	350	135.00	98
37.00	3205	64.00	183	92.00	1118	141.00	234
38.00	2797	65.00	119	93.00	1632	143.00	343
39.00	1259	67.00	125	94.00	5057	148.00	80
40.00	113	68.00	5246	95.00	45496	161.00	34
44.00	263	69.00	5092	96.00	3036	172.00	92
45.00	567	70.00	409	97.00	136	173.00	284
46.00	35	72.00	271	104.00	255	174.00	31624
47.00	951	73.00	2242	105.00	58	175.00	2562
48.00	376	74.00	7976	106.00	149	176.00	30784
49.00	2389	75.00	23360	107.00	42	177.00	1994
50.00	11678	76.00	1958	113.00	38	178.00	38
51.00	3366	77.00	313	115.00	33	193.00	36
52.00	211	78.00	345	116.00	153	208.00	151
55.00	176	79.00	1276	117.00	231	209.00	163
56.00	756	80.00	388	118.00	127	253.00	63
57.00	1516	81.00	1291	119.00	283	260.00	75
58.00	42	82.00	315	127.00	82	269.00	126
60.00	492	87.00	2582	128.00	145	270.00	41
61.00	2484	88.00	2312	130.00	146	271.00	42
62.00	2392	89.00	34	133.00	45	281.00	141



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45698.D

Injection Date: 12-Oct-2021 06:28:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 1

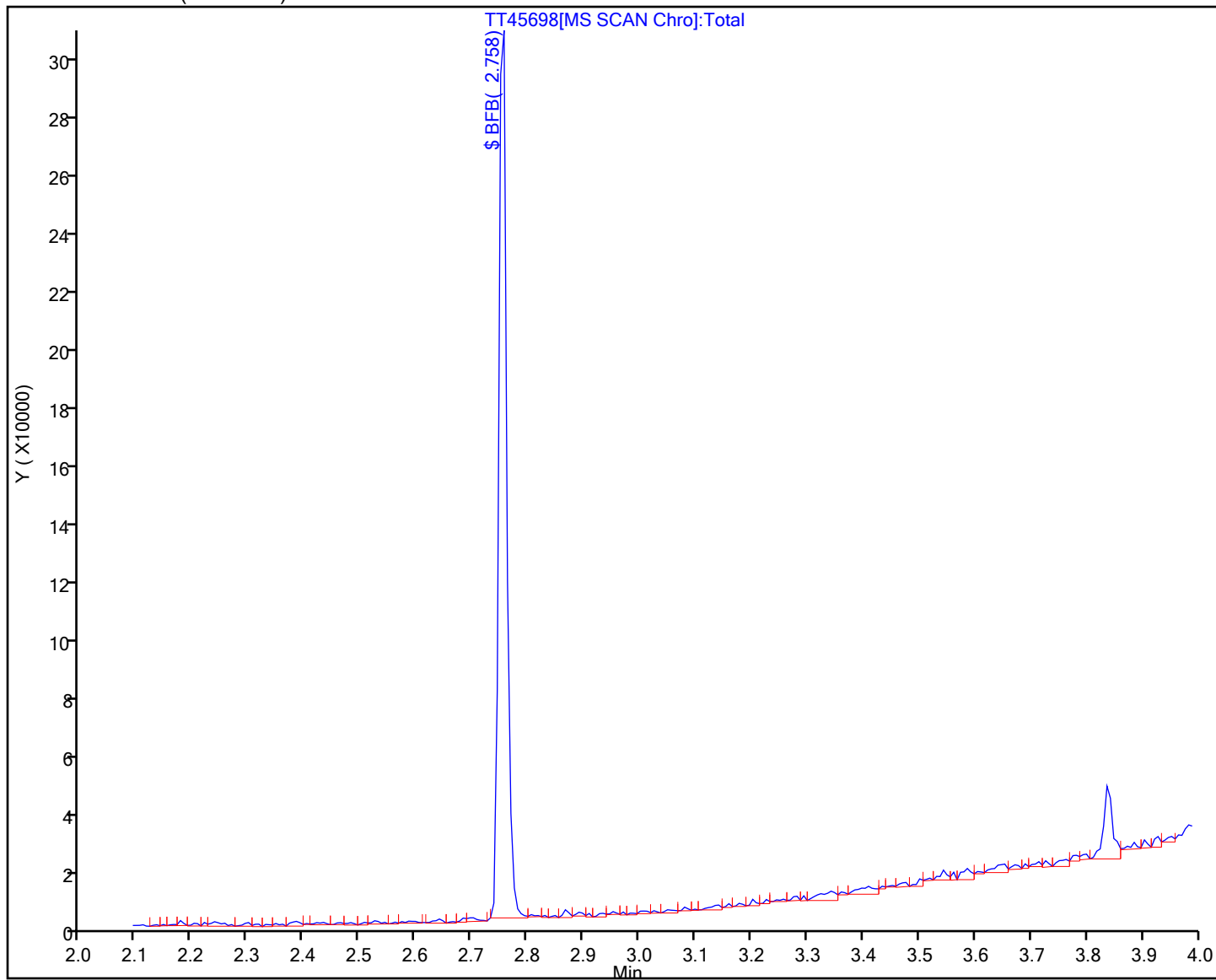
Injection Vol: 5.0 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-806689/8  
 Matrix: Water Lab File ID: TT45731.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 08:50  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45731.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 13-Oct-2021 08:50:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0135933-008  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 10:49:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.452	2.452	0.000	97	48147	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.336	3.336	0.000	99	382268	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	3.744	3.738	0.006	96	129291	50.0	49.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.049	4.049	0.000	94	181171	50.0	48.6	
* 66 Fluorobenzene	96	4.299	4.293	0.006	97	522394	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.976	4.963	0.013	92	16350	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	98	486412	50.0	52.5	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	91	351791	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	122502	50.0	49.0	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	98	171760	50.0	50.0	

## QC Flag Legend

Processing Flags

## Reagents:

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45731.D

Injection Date: 13-Oct-2021 08:50:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

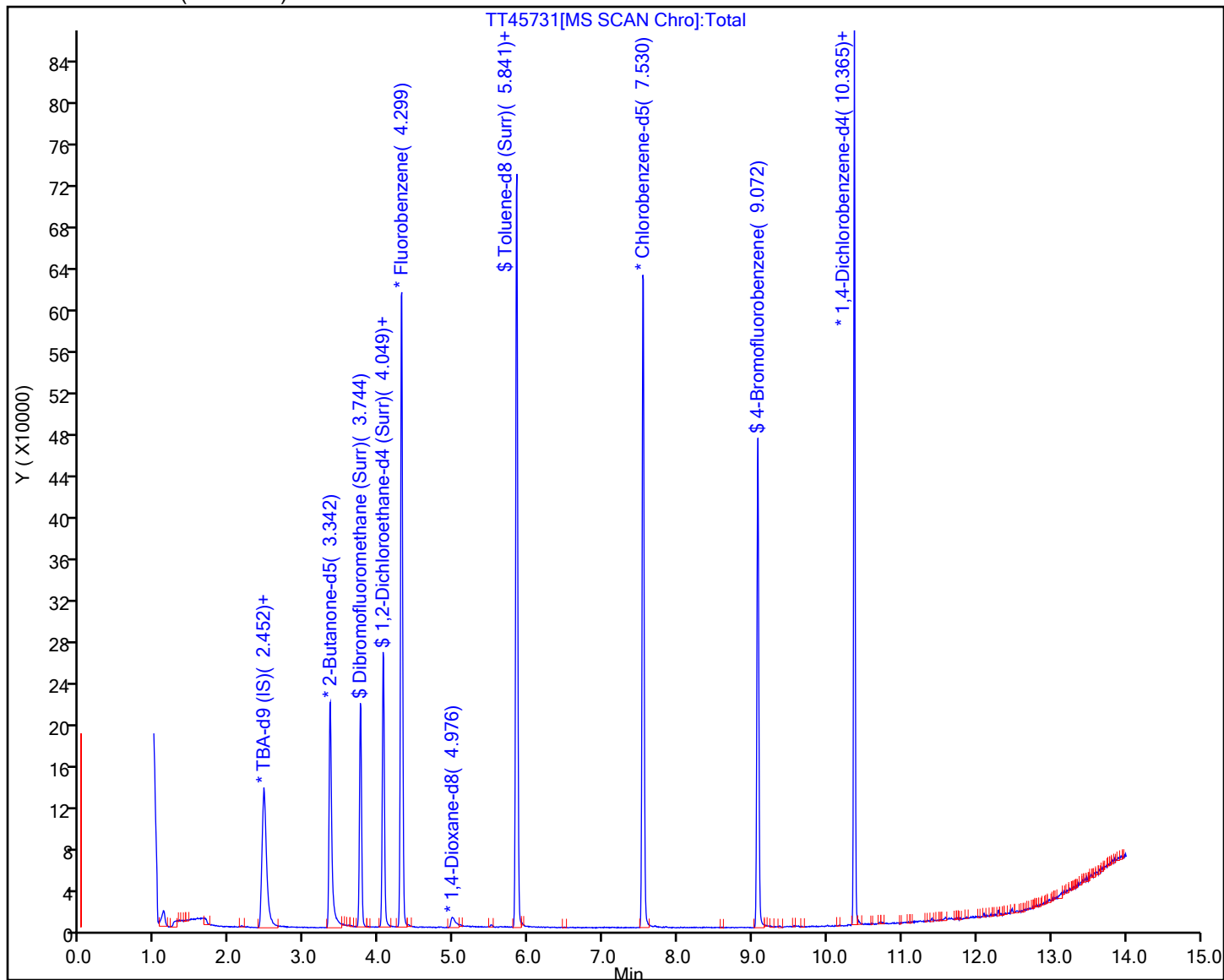
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-806689/4  
 Matrix: Water Lab File ID: TT45727.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 07:27  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	23.2		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	23.5		1.0	0.33
99-87-6	4-Isopropyltoluene	23.4		1.0	0.37
71-43-2	Benzene	22.7		1.0	0.20
100-41-4	Ethylbenzene	23.7		1.0	0.30
98-82-8	Isopropylbenzene	23.8		1.0	0.34
1634-04-4	Methyl tert-butyl ether	22.2		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	23.8		1.0	0.30
91-20-3	Naphthalene	22.1		1.0	0.88
104-51-8	n-Butylbenzene	23.8		1.0	0.32
103-65-1	N-Propylbenzene	23.5		1.0	0.32
95-47-6	o-Xylene	23.0		1.0	0.36
135-98-8	sec-Butylbenzene	23.4		1.0	0.37
98-06-6	tert-Butylbenzene	23.1		1.0	0.34
108-88-3	Toluene	23.3		1.0	0.38
1330-20-7	Xylenes, Total	46.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45727.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 13-Oct-2021 07:27:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0135933-004  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 13-Oct-2021 11:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.129	1.117	0.012	74	7064	20.0	24.3	
3 Chlorotrifluoroethene	116	1.183	1.171	0.012	94	27831	20.0	24.2	
2 1,1-Difluoroethane	65	1.202	1.184	0.018	92	53367	20.0	21.1	
4 Dichlorodifluoromethane	85	1.208	1.196	0.012	70	91276	20.0	23.1	
5 Chlorodifluoromethane	67	1.232	1.208	0.024	99	19833	20.0	21.3	
6 Chloromethane	50	1.348	1.324	0.024	98	163166	20.0	20.9	M
8 Butadiene	54	1.397	1.379	0.018	89	120814	20.0	25.2	
7 Vinyl chloride	62	1.403	1.385	0.018	97	135680	20.0	23.3	
9 Bromomethane	94	1.610	1.592	0.018	99	81979	20.0	23.7	
10 Chloroethane	64	1.653	1.635	0.018	100	79376	20.0	24.0	
12 Trichlorofluoromethane	101	1.793	1.769	0.024	39	100974	20.0	23.3	
11 Dichlorofluoromethane	67	1.787	1.769	0.018	73	176477	20.0	23.0	
13 Pentane	72	1.787	1.775	0.012	97	25011	40.0	42.9	
14 Ethanol	46	1.921	1.915	0.006	85	23674	800.0	919.0	
15 Ethyl ether	74	1.927	1.915	0.012	89	46990	20.0	21.8	
16 2-Methyl-1,3-butadiene	53	1.946	1.933	0.013	96	84216	20.0	22.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.994	1.976	0.018	87	63011	20.0	22.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.031	2.019	0.012	94	116147	20.0	22.7	a
19 Acrolein	56	2.061	2.049	0.012	95	28500	40.6	38.2	
20 112TCTFE	101	2.098	2.080	0.018	46	63212	20.0	23.4	a
21 1,1-Dichloroethene	96	2.098	2.086	0.012	93	70566	20.0	23.1	
22 Acetone	43	2.159	2.147	0.012	85	155570	100.0	114.1	
23 Iodomethane	142	2.220	2.202	0.018	99	112683	20.0	22.6	
25 Isopropyl alcohol	45	2.244	2.226	0.018	44	62026	200.0	225.7	a
24 Carbon disulfide	76	2.244	2.232	0.012	100	305545	20.0	22.0	
26 3-Chloro-1-propene	76	2.342	2.330	0.012	94	61649	20.0	22.4	
27 Methyl acetate	43	2.348	2.342	0.006	96	154499	40.0	44.0	
28 Cyclopentene	67	2.354	2.342	0.012	94	209435	20.0	23.1	
29 Acetonitrile	41	2.397	2.385	0.012	98	114809	200.0	248.6	a
30 Methylene Chloride	84	2.445	2.433	0.012	95	90951	20.0	22.6	
* 31 TBA-d9 (IS)	66	2.452	2.452	0.000	97	40578	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.506	2.500	0.006	91	89147	200.0	229.8	a
33 Methyl tert-butyl ether	73	2.586	2.574	0.012	98	230809	20.0	22.2	
34 trans-1,2-Dichloroethene	96	2.598	2.586	0.012	97	77144	20.0	22.4	
35 Acrylonitrile	53	2.653	2.647	0.006	93	383553	200.0	223.4	
36 Hexane	57	2.720	2.708	0.012	95	115958	20.0	21.9	
37 Isopropyl ether	45	2.909	2.897	0.012	89	370722	20.0	22.0	
38 1,1-Dichloroethane	63	2.921	2.915	0.006	99	173739	20.0	22.4	
39 Vinyl acetate	86	2.939	2.927	0.012	100	30310	40.0	48.1	
40 2-Chloro-1,3-butadiene	88	2.958	2.952	0.006	93	69296	20.0	22.7	
41 Tert-butyl ethyl ether	59	3.177	3.171	0.006	87	281378	20.0	21.9	
* 42 2-Butanone-d5	46	3.342	3.336	0.006	97	361589	250.0	250.0	
43 2,2-Dichloropropane	97	3.360	3.348	0.012	95	25819	20.0	22.3	
44 cis-1,2-Dichloroethene	96	3.366	3.354	0.012	90	84609	20.0	22.0	
45 2-Butanone (MEK)	72	3.384	3.384	0.000	95	41172	100.0	117.3	
46 Ethyl acetate	70	3.403	3.390	0.013	95	16335	40.0	50.1	
47 Methyl acrylate	55	3.439	3.433	0.006	97	75449	20.0	21.9	a
48 Propionitrile	54	3.506	3.500	0.006	98	112001	200.0	251.0	
49 Chlorobromomethane	128	3.561	3.549	0.012	93	37825	20.0	22.2	
50 Tetrahydrofuran	72	3.567	3.561	0.006	48	19963	40.0	47.2	
51 Methacrylonitrile	67	3.585	3.579	0.006	96	331372	200.0	235.8	
52 Chloroform	83	3.610	3.604	0.006	97	135418	20.0	22.5	
53 Cyclohexane	84	3.720	3.714	0.006	98	107877	20.0	23.4	
54 1,1,1-Trichloroethane	97	3.732	3.726	0.006	95	107137	20.0	23.1	
\$ 55 Dibromofluoromethane (Surr)	113	3.750	3.738	0.012	95	118205	50.0	50.4	
56 Carbon tetrachloride	117	3.841	3.829	0.012	95	84156	20.0	22.8	
57 1,1-Dichloropropene	75	3.860	3.854	0.006	92	110548	20.0	22.6	
59 Isooctane	57	4.018	4.012	0.006	99	295802	20.0	21.9	
58 Isobutyl alcohol	43	4.024	4.018	0.006	40	85957	500.0	630.9	a
60 Benzene	78	4.030	4.025	0.006	98	320368	20.0	22.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.055	4.049	0.006	95	160928	50.0	48.1	
62 Tert-amyl methyl ether	73	4.110	4.104	0.006	93	261087	20.0	22.4	
64 1,2-Dichloroethane	62	4.122	4.116	0.006	89	110743	20.0	22.4	
63 Isopropyl acetate	61	4.122	4.116	0.006	96	43939	20.0	22.6	
65 n-Heptane	100	4.189	4.183	0.006	98	16093	20.0	22.7	
* 66 Fluorobenzene	96	4.299	4.293	0.006	97	468782	50.0	50.0	
68 Trichloroethene	95	4.622	4.610	0.012	95	72085	20.0	22.0	
69 Methylcyclohexane	83	4.732	4.719	0.013	92	120011	20.0	22.6	
70 Ethyl acrylate	99	4.768	4.762	0.006	97	9259	20.0	23.3	a
71 1,2-Dichloropropane	63	4.878	4.878	0.000	91	93969	20.0	22.6	
* 72 1,4-Dioxane-d8	96	4.969	4.963	0.006	45	20961	1000.0	1000.0	
73 Methyl methacrylate	100	4.982	4.982	0.000	95	31789	40.0	45.1	
74 Dibromomethane	93	4.994	4.994	0.000	96	46859	20.0	22.4	
75 1,4-Dioxane	88	5.012	5.012	0.000	89	16145	400.0	514.7	
76 n-Propyl acetate	43	5.049	5.049	0.000	98	123799	20.0	20.2	
77 Dichlorobromomethane	83	5.146	5.140	0.006	98	99761	20.0	22.4	
78 2-Nitropropane	41	5.469	5.469	0.000	96	40815	40.0	35.6	
79 2-Chloroethyl vinyl ether	63	5.488	5.482	0.006	94	49142	20.0	22.0	
80 Epichlorohydrin	57	5.585	5.579	0.006	100	142476	400.0	421.6	a
81 cis-1,3-Dichloropropene	75	5.616	5.616	0.000	97	134596	20.0	23.7	
82 4-Methyl-2-pentanone (MIBK)	58	5.798	5.792	0.006	98	165847	100.0	115.3	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	97	461896	50.0	52.3	
84 Toluene	91	5.908	5.908	0.000	92	308475	20.0	23.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.262	6.262	0.000	97	116824	20.0	23.3	
86 Ethyl methacrylate	69	6.323	6.317	0.006	95	99483	20.0	22.3	
87 1,1,2-Trichloroethane	83	6.457	6.457	0.000	92	59406	20.0	23.3	
88 Tetrachloroethene	166	6.481	6.481	0.000	93	62989	20.0	23.5	
89 1,3-Dichloropropane	76	6.652	6.652	0.000	99	120553	20.0	23.0	
90 2-Hexanone	43	6.756	6.750	0.006	99	257182	100.0	99.8	
92 Chlorodibromomethane	129	6.865	6.865	0.000	96	62248	20.0	23.1	
91 n-Butyl acetate	43	6.884	6.884	0.000	97	163085	20.0	22.6	
93 Ethylene Dibromide	107	6.999	7.000	-0.001	97	61646	20.0	23.5	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	91	335264	50.0	50.0	
95 Chlorobenzene	112	7.566	7.566	0.000	89	185734	20.0	22.9	
96 Ethylbenzene	106	7.682	7.682	0.000	99	99961	20.0	23.7	
97 1,1,1,2-Tetrachloroethane	131	7.694	7.695	-0.001	93	65500	20.0	22.9	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	99	121733	20.0	23.8	
99 o-Xylene	106	8.347	8.341	0.006	92	122029	20.0	23.0	
101 Styrene	104	8.389	8.383	0.006	92	186798	20.0	22.6	
100 n-Butyl acrylate	73	8.389	8.390	-0.001	95	57702	20.0	20.5	
102 Bromoform	173	8.633	8.627	0.006	94	38944	20.0	22.1	
103 Amyl acetate (mixed isomers)	43	8.706	8.700	0.006	87	151424	20.0	16.6	
104 Isopropylbenzene	105	8.822	8.822	0.000	97	326965	20.0	23.8	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	122871	50.0	51.6	
106 Bromobenzene	156	9.225	9.225	0.000	91	71930	20.0	22.0	
107 1,1,2,2-Tetrachloroethane	83	9.340	9.334	0.006	97	95284	20.0	21.9	
108 N-Propylbenzene	91	9.353	9.353	0.000	98	419428	20.0	23.5	
109 1,2,3-Trichloropropane	110	9.377	9.377	0.000	96	22444	20.0	23.4	
110 trans-1,4-Dichloro-2-butene	53	9.426	9.426	0.000	85	28332	20.0	24.1	
111 2-Chlorotoluene	91	9.462	9.462	0.000	97	258785	20.0	23.0	
112 4-Ethyltoluene	105	9.499	9.499	0.000	98	306655	20.0	23.4	
113 1,3,5-Trimethylbenzene	105	9.590	9.584	0.006	91	270758	20.0	23.5	
114 4-Chlorotoluene	91	9.603	9.603	0.000	99	273437	20.0	23.5	
115 Butyl Methacrylate	87	9.755	9.755	0.000	96	90959	20.0	19.0	
116 tert-Butylbenzene	119	9.926	9.926	0.000	90	211722	20.0	23.1	
117 1,2,4-Trimethylbenzene	105	9.999	9.999	0.000	99	273261	20.0	23.2	
118 sec-Butylbenzene	105	10.157	10.157	0.000	98	358041	20.0	23.4	
119 1,3-Dichlorobenzene	146	10.285	10.285	0.000	93	139264	20.0	22.6	
120 4-Isopropyltoluene	119	10.322	10.322	0.000	97	284132	20.0	23.4	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	97	165159	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.389	0.000	92	140108	20.0	22.5	
123 1,2,3-Trimethylbenzene	105	10.426	10.426	0.000	99	286673	20.0	22.9	
124 Benzyl chloride	91	10.547	10.548	-0.001	97	151000	20.0	23.0	
125 2,3-Dihydroindene	117	10.602	10.602	0.000	94	260274	20.0	22.5	
126 p-Diethylbenzene	119	10.694	10.694	0.000	91	145906	20.0	22.6	
127 n-Butylbenzene	92	10.718	10.718	0.000	98	172789	20.0	23.8	
128 1,2-Dichlorobenzene	146	10.743	10.743	0.000	93	137191	20.0	23.2	
129 1,2,4,5-Tetramethylbenzene	119	11.401	11.401	0.000	97	261543	20.0	21.5	
130 1,2-Dibromo-3-Chloropropane	157	11.468	11.468	0.000	88	14475	20.0	20.9	
131 1,3,5-Trichlorobenzene	180	11.590	11.590	0.000	94	110275	20.0	21.7	
132 1,2,4-Trichlorobenzene	180	12.102	12.102	0.000	93	105979	20.0	21.7	
133 Hexachlorobutadiene	225	12.200	12.200	0.000	93	47197	20.0	22.7	
134 Naphthalene	128	12.291	12.291	0.000	98	252965	20.0	22.1	
135 1,2,3-Trichlorobenzene	180	12.480	12.480	0.000	95	100623	20.0	22.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.4	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	46.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	47.0	
S 140 Total BTEX	1				0		100.0	116.5	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00144

Amount Added: 20.00

Units: uL

524freon\_00043

Amount Added: 20.00

Units: uL

GASES Li\_00443

Amount Added: 20.00

Units: uL

ACROLEIN W\_00131

Amount Added: 4.00

Units: uL

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45727.D

Injection Date: 13-Oct-2021 07:27:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

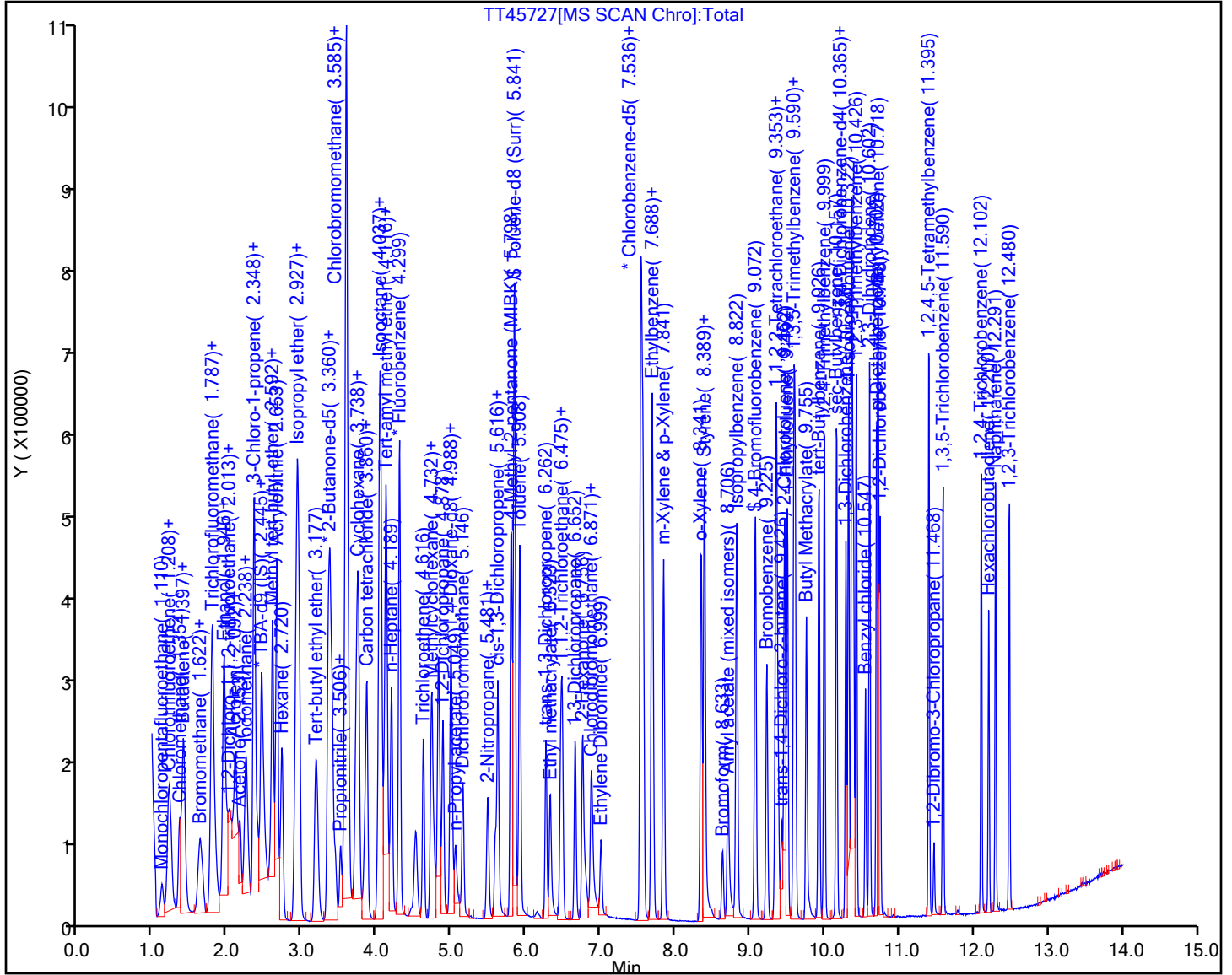
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20211008 MS Lab Sample ID: 460-244788-1 MS  
 Matrix: Water Lab File ID: TT45754.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 09:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 16:46  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	23.1		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	21.6		1.0	0.33
99-87-6	4-Isopropyltoluene	22.0		1.0	0.37
71-43-2	Benzene	23.2		1.0	0.20
100-41-4	Ethylbenzene	28.6		1.0	0.30
98-82-8	Isopropylbenzene	24.6		1.0	0.34
1634-04-4	Methyl tert-butyl ether	23.2		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	25.4		1.0	0.30
91-20-3	Naphthalene	27.5		1.0	0.88
104-51-8	n-Butylbenzene	21.9		1.0	0.32
103-65-1	N-Propylbenzene	24.3		1.0	0.32
95-47-6	o-Xylene	24.3		1.0	0.36
135-98-8	sec-Butylbenzene	21.6		1.0	0.37
98-06-6	tert-Butylbenzene	21.5		1.0	0.34
108-88-3	Toluene	23.3		1.0	0.38
1330-20-7	Xylenes, Total	49.6		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45754.D  
 Lims ID: 460-244788-A-1 MS  
 Client ID: MW-01\_20211008  
 Sample Type: MS  
 Inject. Date: 13-Oct-2021 16:46:30 ALS Bottle#: 30 Worklist Smp#: 31  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-1 MS  
 Misc. Info.: 460-0135933-031  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 14-Oct-2021 08:06:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.153	1.117	0.036	66	5804	20.0	20.6	a
3 Chlorotrifluoroethene	116	1.208	1.171	0.037	39	22361	20.0	20.2	
2 1,1-Difluoroethane	65	1.226	1.184	0.042	88	375444	20.0	153.4	
4 Dichlorodifluoromethane	85	1.226	1.196	0.030	21	66636	20.0	17.6	
5 Chlorodifluoromethane	67	1.244	1.208	0.036	93	17182	20.0	19.1	a
6 Chloromethane	50	1.372	1.324	0.048	88	148217	20.0	19.6	
8 Butadiene	54	1.421	1.379	0.042	76	81029	20.0	17.4	
7 Vinyl chloride	62	1.427	1.385	0.042	83	104587	20.0	18.6	
9 Bromomethane	94	1.641	1.592	0.049	98	64766	20.0	16.4	
10 Chloroethane	64	1.665	1.635	0.030	96	64177	20.0	16.9	
12 Trichlorofluoromethane	101	1.805	1.769	0.036	34	71495	20.0	17.1	
11 Dichlorofluoromethane	67	1.811	1.769	0.042	76	139090	20.0	18.7	
13 Pentane	72	1.799	1.775	0.024	97	17344	40.0	30.8	
14 Ethanol	46	1.946	1.915	0.031	82	24650	800.0	818.9	
15 Ethyl ether	74	1.946	1.915	0.031	78	44028	20.0	21.1	
16 2-Methyl-1,3-butadiene	53	1.964	1.933	0.031	95	68273	20.0	18.9	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.000	1.976	0.024	84	53167	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.061	2.019	0.042	96	100977	20.0	20.4	a
19 Acrolein	56	2.074	2.049	0.025	76	34820	40.6	48.2	
20 112TCTFE	101	2.116	2.080	0.036	41	40364	20.0	15.5	a
21 1,1-Dichloroethene	96	2.116	2.086	0.030	83	59071	20.0	20.0	
22 Acetone	43	2.171	2.147	0.024	85	155577	100.0	99.6	
23 Iodomethane	142	2.244	2.202	0.042	73	99068	20.0	20.5	
25 Isopropyl alcohol	45	2.250	2.226	0.024	64	66506	200.0	207.3	a
24 Carbon disulfide	76	2.263	2.232	0.031	99	255854	20.0	19.0	
26 3-Chloro-1-propene	76	2.354	2.330	0.024	85	60191	20.0	22.6	
27 Methyl acetate	43	2.360	2.342	0.018	78	176528	40.0	51.9	
28 Cyclopentene	67	2.372	2.342	0.030	79	180851	20.0	20.6	
29 Acetonitrile	41	2.403	2.385	0.018	95	119632	200.0	226.2	a
30 Methylene Chloride	84	2.464	2.433	0.031	70	82801	20.0	21.2	
* 31 TBA-d9 (IS)	66	2.470	2.452	0.018	96	47383	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.519	2.500	0.019	91	98417	200.0	217.2	a
33 Methyl tert-butyl ether	73	2.604	2.574	0.030	88	234072	20.0	23.2	
34 trans-1,2-Dichloroethene	96	2.610	2.586	0.024	88	69814	20.0	20.9	
35 Acrylonitrile	53	2.665	2.647	0.018	92	372901	200.0	224.4	
36 Hexane	57	2.732	2.708	0.024	94	88749	20.0	17.3	
37 Isopropyl ether	45	2.921	2.897	0.024	81	350558	20.0	21.5	
38 1,1-Dichloroethane	63	2.933	2.915	0.018	58	161141	20.0	21.5	
39 Vinyl acetate	86	2.945	2.927	0.018	100	28677	40.0	39.7	
40 2-Chloro-1,3-butadiene	88	2.970	2.952	0.018	92	61386	20.0	20.8	
41 Tert-butyl ethyl ether	59	3.189	3.171	0.018	82	259661	20.0	20.9	
* 42 2-Butanone-d5	46	3.348	3.336	0.012	98	414064	250.0	250.0	
43 2,2-Dichloropropane	97	3.360	3.348	0.012	54	20116	20.0	18.0	
44 cis-1,2-Dichloroethene	96	3.372	3.354	0.018	83	77126	20.0	20.7	
45 2-Butanone (MEK)	72	3.390	3.384	0.006	95	42164	100.0	104.9	
46 Ethyl acetate	70	3.409	3.390	0.019	95	16820	40.0	45.0	
47 Methyl acrylate	55	3.445	3.433	0.012	99	75919	20.0	22.7	a
48 Propionitrile	54	3.512	3.500	0.012	97	111197	200.0	213.4	
49 Chlorobromomethane	128	3.567	3.549	0.018	74	34740	20.0	21.1	
50 Tetrahydrofuran	72	3.573	3.561	0.012	32	19531	40.0	40.3	
51 Methacrylonitrile	67	3.592	3.579	0.013	97	325429	200.0	239.2	
52 Chloroform	83	3.616	3.604	0.012	83	126875	20.0	21.8	
53 Cyclohexane	84	3.732	3.714	0.018	96	112394	20.0	25.2	
54 1,1,1-Trichloroethane	97	3.744	3.726	0.018	80	96657	20.0	21.5	
\$ 55 Dibromofluoromethane (Surr)	113	3.756	3.738	0.018	95	111707	50.0	49.2	
56 Carbon tetrachloride	117	3.841	3.829	0.012	85	74862	20.0	20.9	
57 1,1-Dichloropropene	75	3.866	3.854	0.012	87	100599	20.0	21.3	
59 Isooctane	57	4.030	4.012	0.018	59	227576	20.0	17.4	
58 Isobutyl alcohol	43	4.037	4.018	0.019	54	79533	500.0	505.9	a
60 Benzene	78	4.043	4.025	0.019	96	315006	20.0	23.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.049	0.012	83	165416	50.0	51.1	
62 Tert-amyl methyl ether	73	4.116	4.104	0.012	66	252343	20.0	22.3	
64 1,2-Dichloroethane	62	4.128	4.116	0.012	66	109411	20.0	22.8	
63 Isopropyl acetate	61	4.128	4.116	0.012	93	44494	20.0	23.7	
65 n-Heptane	100	4.195	4.183	0.012	97	11940	20.0	17.4	
* 66 Fluorobenzene	96	4.305	4.293	0.012	96	453805	50.0	50.0	
68 Trichloroethene	95	4.622	4.610	0.012	90	66523	20.0	21.0	
69 Methylcyclohexane	83	4.738	4.719	0.019	86	131568	20.0	25.5	
70 Ethyl acrylate	99	4.768	4.762	0.006	95	9846	20.0	25.6	a
71 1,2-Dichloropropane	63	4.884	4.878	0.006	86	88506	20.0	22.0	
* 72 1,4-Dioxane-d8	96	4.969	4.963	0.006	27	20715	1000.0	1000.0	
73 Methyl methacrylate	100	4.988	4.982	0.006	94	31418	40.0	46.1	
74 Dibromomethane	93	5.000	4.994	0.006	54	44997	20.0	22.2	
75 1,4-Dioxane	88	5.018	5.012	0.006	49	15315	400.0	494.0	
76 n-Propyl acetate	43	5.055	5.049	0.006	97	131408	20.0	22.2	
77 Dichlorobromomethane	83	5.152	5.140	0.012	94	91830	20.0	21.3	
78 2-Nitropropane	41	5.469	5.469	0.000	93	46506	40.0	41.9	
80 Epichlorohydrin	57	5.591	5.579	0.012	100	104394	400.0	270.1	a
81 cis-1,3-Dichloropropene	75	5.622	5.616	0.006	94	123337	20.0	22.6	
82 4-Methyl-2-pentanone (MIBK)	58	5.798	5.792	0.006	96	174868	100.0	106.2	a
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	97	444518	50.0	52.4	
84 Toluene	91	5.914	5.908	0.006	92	296060	20.0	23.3	
85 trans-1,3-Dichloropropene	75	6.268	6.262	0.006	93	105700	20.0	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.323	6.317	0.006	94	97834	20.0	22.8	
87 1,1,2-Trichloroethane	83	6.463	6.457	0.006	87	57475	20.0	23.4	
88 Tetrachloroethene	166	6.487	6.481	0.006	88	57352	20.0	22.3	
89 1,3-Dichloropropane	76	6.658	6.652	0.006	96	116887	20.0	23.3	
90 2-Hexanone	43	6.756	6.750	0.006	98	282138	100.0	95.7	
92 Chlorodibromomethane	129	6.871	6.865	0.006	95	55913	20.0	21.6	
91 n-Butyl acetate	43	6.890	6.884	0.006	94	179723	20.0	26.0	
93 Ethylene Dibromide	107	7.006	7.000	0.006	96	58599	20.0	23.2	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	91	322176	50.0	50.0	
95 Chlorobenzene	112	7.566	7.566	0.000	87	171140	20.0	21.9	
96 Ethylbenzene	106	7.682	7.682	0.000	99	115849	20.0	28.6	
97 1,1,1,2-Tetrachloroethane	131	7.694	7.695	-0.001	40	58500	20.0	21.3	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	98	124518	20.0	25.4	
99 o-Xylene	106	8.347	8.341	0.006	92	123502	20.0	24.3	
101 Styrene	104	8.389	8.383	0.006	89	172224	20.0	21.6	
100 n-Butyl acrylate	73	8.395	8.390	0.005	87	54477	20.0	20.1	
102 Bromoform	173	8.633	8.627	0.006	93	34028	20.0	20.1	
103 Amyl acetate (mixed isomers)	43	8.706	8.700	0.006	87	178976	20.0	20.4	
104 Isopropylbenzene	105	8.822	8.822	0.000	98	324737	20.0	24.6	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	113990	50.0	49.8	
106 Bromobenzene	156	9.225	9.225	0.000	90	66294	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	9.340	9.334	0.006	68	96422	20.0	23.0	
108 N-Propylbenzene	91	9.353	9.353	0.000	97	416089	20.0	24.3	
109 1,2,3-Trichloropropane	110	9.377	9.377	0.000	94	22120	20.0	23.9	
110 trans-1,4-Dichloro-2-butene	53	9.426	9.426	0.000	83	26333	20.0	23.3	
111 2-Chlorotoluene	91	9.462	9.462	0.000	97	235016	20.0	21.7	
112 4-Ethyltoluene	105	9.499	9.499	0.000	97	281652	20.0	22.3	
113 1,3,5-Trimethylbenzene	105	9.590	9.584	0.006	88	238914	20.0	21.6	
114 4-Chlorotoluene	91	9.603	9.603	0.000	98	247495	20.0	22.1	
115 Butyl Methacrylate	87	9.755	9.755	0.000	94	83029	20.0	18.1	
116 tert-Butylbenzene	119	9.926	9.926	0.000	87	190082	20.0	21.5	
117 1,2,4-Trimethylbenzene	105	9.999	9.999	0.000	99	261684	20.0	23.1	
118 sec-Butylbenzene	105	10.157	10.157	0.000	98	317226	20.0	21.6	
119 1,3-Dichlorobenzene	146	10.285	10.285	0.000	91	126589	20.0	21.4	
120 4-Isopropyltoluene	119	10.322	10.322	0.000	97	257129	20.0	22.0	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	96	158954	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.389	0.000	89	126552	20.0	21.2	
123 1,2,3-Trimethylbenzene	105	10.426	10.426	0.000	98	265616	20.0	22.0	
124 Benzyl chloride	91	10.547	10.548	-0.001	96	119955	20.0	19.0	
125 2,3-Dihydroindene	117	10.602	10.602	0.000	89	288588	20.0	25.9	
126 p-Diethylbenzene	119	10.700	10.694	0.006	89	133955	20.0	21.6	
127 n-Butylbenzene	92	10.718	10.718	0.000	97	152984	20.0	21.9	
128 1,2-Dichlorobenzene	146	10.743	10.743	0.000	90	121795	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	11.401	11.401	0.000	96	253929	20.0	21.7	
130 1,2-Dibromo-3-Chloropropane	157	11.468	11.468	0.000	86	15070	20.0	22.6	
131 1,3,5-Trichlorobenzene	180	11.590	11.590	0.000	94	95479	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.102	12.102	0.000	92	89955	20.0	19.1	
133 Hexachlorobutadiene	225	12.200	12.200	0.000	86	38007	20.0	19.0	
134 Naphthalene	128	12.291	12.291	0.000	98	303583	20.0	27.5	
135 1,2,3-Trichlorobenzene	180	12.480	12.480	0.000	92	86514	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.6	
S 137 Xylenes, Total	100				0		40.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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S 139 1,3-Dichloropropene, Total

1

0

40.0

44.6

S 140 Total BTEX

1

0

100.0

124.7

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00144

Amount Added: 20.00

Units: uL

524freon\_00043

Amount Added: 20.00

Units: uL

GASES Li\_00443

Amount Added: 20.00

Units: uL

ACROLEIN W\_00131

Amount Added: 4.00

Units: uL

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45754.D

Injection Date: 13-Oct-2021 16:46:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1 MS

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

30

Worklist Smp#:

31

Purge Vol: 5.000 mL

Dil. Factor:

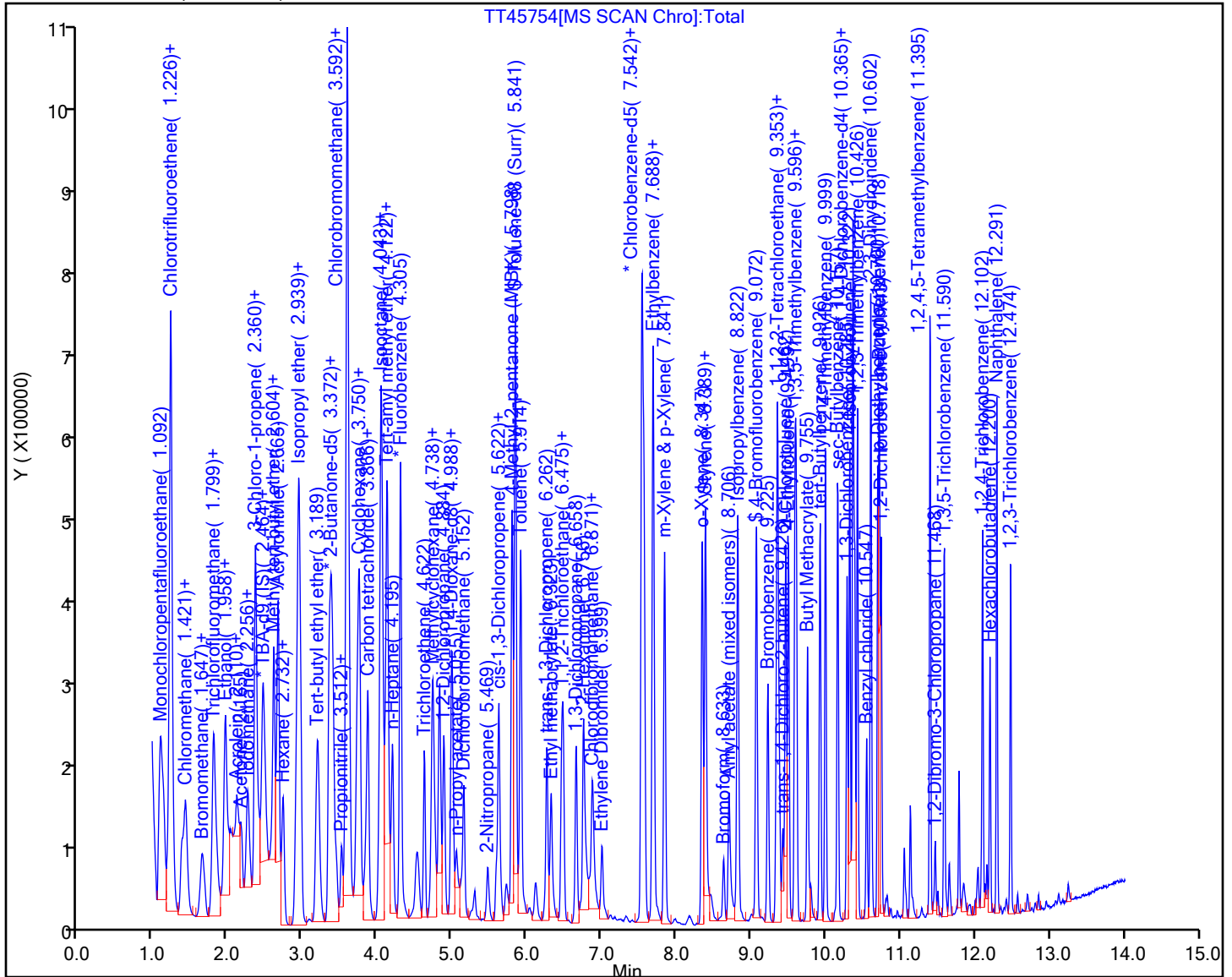
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)





FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20211008 MSD Lab Sample ID: 460-244788-1 MSD  
 Matrix: Water Lab File ID: TT45755.D  
 Analysis Method: 8260D Date Collected: 10/08/2021 09:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 10/13/2021 17:07  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 806689 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	23.0		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	21.4		1.0	0.33
99-87-6	4-Isopropyltoluene	22.1		1.0	0.37
71-43-2	Benzene	22.6		1.0	0.20
100-41-4	Ethylbenzene	28.1		1.0	0.30
98-82-8	Isopropylbenzene	24.8		1.0	0.34
1634-04-4	Methyl tert-butyl ether	22.9		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	24.6		1.0	0.30
91-20-3	Naphthalene	27.8		1.0	0.88
104-51-8	n-Butylbenzene	21.6		1.0	0.32
103-65-1	N-Propylbenzene	23.9		1.0	0.32
95-47-6	o-Xylene	24.3		1.0	0.36
135-98-8	sec-Butylbenzene	21.6		1.0	0.37
98-06-6	tert-Butylbenzene	21.1		1.0	0.34
108-88-3	Toluene	22.9		1.0	0.38
1330-20-7	Xylenes, Total	48.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45755.D  
 Lims ID: 460-244788-A-1 MSD  
 Client ID: MW-01\_20211008  
 Sample Type: MSD  
 Inject. Date: 13-Oct-2021 17:07:30 ALS Bottle#: 31 Worklist Smp#: 32  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-244788-A-1 MSD  
 Misc. Info.: 460-0135933-032  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 14-Oct-2021 14:56:20 Calib Date: 12-Oct-2021 12:08:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20211012-135876.b\TT45711.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1623

First Level Reviewer: desais

Date: 14-Oct-2021 08:13:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.129	1.117	0.012	64	4982	20.0	17.1	a
3 Chlorotrifluoroethene	116	1.202	1.171	0.031	39	22021	20.0	19.3	
2 1,1-Difluoroethane	65	1.214	1.184	0.030	88	355793	20.0	140.7	
4 Dichlorodifluoromethane	85	1.220	1.196	0.024	21	59801	20.0	15.3	
5 Chlorodifluoromethane	67	1.244	1.208	0.036	93	15964	20.0	17.1	a
6 Chloromethane	50	1.360	1.324	0.036	89	143910	20.0	18.4	
8 Butadiene	54	1.409	1.379	0.030	79	84449	20.0	17.6	
7 Vinyl chloride	62	1.415	1.385	0.030	83	104222	20.0	17.9	
9 Bromomethane	94	1.622	1.592	0.030	96	64183	20.0	15.5	
10 Chloroethane	64	1.665	1.635	0.030	97	63767	20.0	16.1	
12 Trichlorofluoromethane	101	1.805	1.769	0.036	39	74459	20.0	17.2	
11 Dichlorofluoromethane	67	1.799	1.769	0.030	72	137833	20.0	17.9	
13 Pentane	72	1.793	1.775	0.018	97	17340	40.0	29.7	
14 Ethanol	46	1.939	1.915	0.024	83	24519	800.0	825.4	
15 Ethyl ether	74	1.939	1.915	0.024	75	43034	20.0	19.9	
16 2-Methyl-1,3-butadiene	53	1.952	1.933	0.019	95	69997	20.0	18.7	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	1.994	1.976	0.018	83	52932	20.0	19.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.043	2.019	0.024	97	100529	20.0	19.6	a
19 Acrolein	56	2.074	2.049	0.025	85	34302	40.6	45.9	
20 112TCTFE	101	2.110	2.080	0.030	41	45080	20.0	16.7	a
21 1,1-Dichloroethene	96	2.110	2.086	0.024	83	59736	20.0	19.6	
22 Acetone	43	2.165	2.147	0.018	84	152566	100.0	93.3	
23 Iodomethane	142	2.232	2.202	0.030	86	97057	20.0	19.4	
25 Isopropyl alcohol	45	2.244	2.226	0.018	62	66536	200.0	210.1	a
24 Carbon disulfide	76	2.256	2.232	0.024	99	255976	20.0	18.4	
26 3-Chloro-1-propene	76	2.348	2.330	0.018	85	57115	20.0	20.7	
27 Methyl acetate	43	2.354	2.342	0.012	82	176417	40.0	50.2	
28 Cyclopentene	67	2.360	2.342	0.018	75	184678	20.0	20.4	
29 Acetonitrile	41	2.397	2.385	0.012	97	120020	200.0	216.7	a
30 Methylene Chloride	84	2.451	2.433	0.018	72	81030	20.0	20.1	
* 31 TBA-d9 (IS)	66	2.458	2.452	0.006	95	46760	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.519	2.500	0.019	93	90142	200.0	201.6	a
33 Methyl tert-butyl ether	73	2.592	2.574	0.018	92	237931	20.0	22.9	
34 trans-1,2-Dichloroethene	96	2.604	2.586	0.018	88	69968	20.0	20.3	
35 Acrylonitrile	53	2.659	2.647	0.012	94	373789	200.0	217.7	
36 Hexane	57	2.720	2.708	0.012	96	88532	20.0	16.7	
37 Isopropyl ether	45	2.915	2.897	0.018	83	349599	20.0	20.8	
38 1,1-Dichloroethane	63	2.927	2.915	0.012	59	163020	20.0	21.0	
39 Vinyl acetate	86	2.939	2.927	0.012	100	28960	40.0	38.3	
40 2-Chloro-1,3-butadiene	88	2.964	2.952	0.012	92	63688	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.183	3.171	0.012	82	262879	20.0	20.4	
* 42 2-Butanone-d5	46	3.342	3.336	0.006	99	433587	250.0	250.0	
43 2,2-Dichloropropane	97	3.366	3.348	0.018	56	21023	20.0	18.2	a
44 cis-1,2-Dichloroethene	96	3.366	3.354	0.012	82	76693	20.0	19.9	
45 2-Butanone (MEK)	72	3.390	3.384	0.006	95	43154	100.0	102.5	
46 Ethyl acetate	70	3.403	3.390	0.013	95	16631	40.0	42.5	
47 Methyl acrylate	55	3.439	3.433	0.006	98	80012	20.0	23.2	a
48 Propionitrile	54	3.506	3.500	0.006	97	113439	200.0	220.6	
49 Chlorobromomethane	128	3.561	3.549	0.012	87	34635	20.0	20.3	
50 Tetrahydrofuran	72	3.573	3.561	0.012	30	19734	40.0	38.9	
51 Methacrylonitrile	67	3.585	3.579	0.006	97	328442	200.0	233.6	
52 Chloroform	83	3.616	3.604	0.012	90	127403	20.0	21.2	
53 Cyclohexane	84	3.726	3.714	0.012	96	119288	20.0	25.8	
54 1,1,1-Trichloroethane	97	3.738	3.726	0.012	78	95148	20.0	20.5	
\$ 55 Dibromofluoromethane (Surr)	113	3.750	3.738	0.012	95	114433	50.0	48.7	
56 Carbon tetrachloride	117	3.835	3.829	0.006	86	74094	20.0	20.1	
57 1,1-Dichloropropene	75	3.860	3.854	0.006	87	102312	20.0	20.9	
59 Isooctane	57	4.024	4.012	0.012	65	229524	20.0	16.9	
58 Isobutyl alcohol	43	4.030	4.018	0.012	43	86416	500.0	554.3	a
60 Benzene	78	4.037	4.025	0.013	97	320476	20.0	22.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.055	4.049	0.006	82	170723	50.0	51.0	
62 Tert-amyl methyl ether	73	4.116	4.104	0.012	65	253547	20.0	21.7	
64 1,2-Dichloroethane	62	4.122	4.116	0.006	65	109085	20.0	22.0	
63 Isopropyl acetate	61	4.122	4.116	0.006	93	44170	20.0	22.7	
65 n-Heptane	100	4.189	4.183	0.006	97	11466	20.0	16.2	
* 66 Fluorobenzene	96	4.299	4.293	0.006	96	468970	50.0	50.0	
68 Trichloroethene	95	4.622	4.610	0.012	91	68352	20.0	20.8	
69 Methylcyclohexane	83	4.732	4.719	0.013	86	141454	20.0	26.6	
70 Ethyl acrylate	99	4.768	4.762	0.006	97	10367	20.0	26.1	a
71 1,2-Dichloropropane	63	4.884	4.878	0.006	87	90689	20.0	21.8	
* 72 1,4-Dioxane-d8	96	4.969	4.963	0.006	26	19699	1000.0	1000.0	
73 Methyl methacrylate	100	4.988	4.982	0.006	94	32348	40.0	45.9	
74 Dibromomethane	93	5.000	4.994	0.006	61	45600	20.0	21.8	
75 1,4-Dioxane	88	5.024	5.012	0.012	47	14977	400.0	508.0	
76 n-Propyl acetate	43	5.055	5.049	0.006	96	129574	20.0	21.2	
77 Dichlorobromomethane	83	5.146	5.140	0.006	92	94763	20.0	21.3	
78 2-Nitropropane	41	5.469	5.469	0.000	97	44118	40.0	38.5	
80 Epichlorohydrin	57	5.591	5.579	0.012	100	101497	400.0	250.8	a
81 cis-1,3-Dichloropropene	75	5.622	5.616	0.006	94	124417	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	58	5.798	5.792	0.006	98	171820	100.0	99.6	
\$ 83 Toluene-d8 (Surr)	98	5.841	5.835	0.006	97	457219	50.0	51.7	
84 Toluene	91	5.914	5.908	0.006	92	304126	20.0	22.9	
85 trans-1,3-Dichloropropene	75	6.262	6.262	0.000	92	111040	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.323	6.317	0.006	94	97268	20.0	21.8	
87 1,1,2-Trichloroethane	83	6.457	6.457	0.000	89	58007	20.0	22.7	
88 Tetrachloroethene	166	6.481	6.481	0.000	86	58007	20.0	21.6	
89 1,3-Dichloropropane	76	6.652	6.652	0.000	96	119393	20.0	22.8	
90 2-Hexanone	43	6.756	6.750	0.006	98	286503	100.0	92.8	
92 Chlorodibromomethane	129	6.865	6.865	0.000	94	57021	20.0	21.1	
91 n-Butyl acetate	43	6.884	6.884	0.000	94	187820	20.0	26.0	
93 Ethylene Dibromide	107	6.999	7.000	-0.001	96	60027	20.0	22.8	
* 94 Chlorobenzene-d5	117	7.536	7.530	0.006	91	335896	50.0	50.0	
95 Chlorobenzene	112	7.566	7.566	0.000	87	175616	20.0	21.6	
96 Ethylbenzene	106	7.682	7.682	0.000	99	118588	20.0	28.1	
97 1,1,1,2-Tetrachloroethane	131	7.694	7.695	-0.001	40	59233	20.0	20.7	
98 m-Xylene & p-Xylene	106	7.841	7.841	0.000	99	125984	20.0	24.6	
99 o-Xylene	106	8.347	8.341	0.006	92	128882	20.0	24.3	
101 Styrene	104	8.389	8.383	0.006	90	178778	20.0	21.5	
100 n-Butyl acrylate	73	8.395	8.390	0.005	90	56032	20.0	19.8	
102 Bromoform	173	8.633	8.627	0.006	92	35365	20.0	20.0	
103 Amyl acetate (mixed isomers)	43	8.706	8.700	0.006	86	166796	20.0	18.2	
104 Isopropylbenzene	105	8.822	8.822	0.000	98	340186	20.0	24.8	
\$ 105 4-Bromofluorobenzene	174	9.072	9.072	0.000	0	120835	50.0	50.6	
106 Bromobenzene	156	9.225	9.225	0.000	89	67912	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.340	9.334	0.006	67	97040	20.0	22.2	
108 N-Propylbenzene	91	9.353	9.353	0.000	97	428467	20.0	23.9	
109 1,2,3-Trichloropropane	110	9.383	9.377	0.006	95	22692	20.0	23.5	
110 trans-1,4-Dichloro-2-butene	53	9.420	9.426	-0.006	81	26085	20.0	22.1	
111 2-Chlorotoluene	91	9.462	9.462	0.000	97	255549	20.0	22.6	Ma
112 4-Ethyltoluene	105	9.499	9.499	0.000	97	290958	20.0	22.0	
113 1,3,5-Trimethylbenzene	105	9.590	9.584	0.006	88	248091	20.0	21.4	
114 4-Chlorotoluene	91	9.603	9.603	0.000	98	253731	20.0	21.7	
115 Butyl Methacrylate	87	9.755	9.755	0.000	95	85017	20.0	17.7	
116 tert-Butylbenzene	119	9.926	9.926	0.000	87	194673	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	9.999	9.999	0.000	99	272443	20.0	23.0	
118 sec-Butylbenzene	105	10.163	10.157	0.006	98	332391	20.0	21.6	
119 1,3-Dichlorobenzene	146	10.285	10.285	0.000	92	128716	20.0	20.8	
120 4-Isopropyltoluene	119	10.322	10.322	0.000	93	269025	20.0	22.1	
* 121 1,4-Dichlorobenzene-d4	152	10.365	10.365	0.000	96	166078	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.389	0.000	88	127946	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	10.426	10.426	0.000	98	273339	20.0	21.7	
124 Benzyl chloride	91	10.547	10.548	-0.001	97	123886	20.0	18.8	
125 2,3-Dihydroindene	117	10.602	10.602	0.000	92	293437	20.0	25.2	
126 p-Diethylbenzene	119	10.694	10.694	0.000	90	138584	20.0	21.4	
127 n-Butylbenzene	92	10.718	10.718	0.000	98	158156	20.0	21.6	
128 1,2-Dichlorobenzene	146	10.743	10.743	0.000	91	126169	20.0	21.3	
129 1,2,4,5-Tetramethylbenzene	119	11.395	11.401	-0.006	95	260264	20.0	21.2	
130 1,2-Dibromo-3-Chloropropane	157	11.468	11.468	0.000	85	15551	20.0	22.3	
131 1,3,5-Trichlorobenzene	180	11.590	11.590	0.000	91	98348	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	12.102	12.102	0.000	93	94539	20.0	19.2	
133 Hexachlorobutadiene	225	12.200	12.200	0.000	89	40763	20.0	19.5	
134 Naphthalene	128	12.291	12.291	0.000	98	320134	20.0	27.8	
135 1,2,3-Trichlorobenzene	180	12.480	12.480	0.000	92	90353	20.0	19.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 137 Xylenes, Total	100				0		40.0	48.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.0	
S 140 Total BTEX	1				0		100.0	122.5	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00144

Amount Added: 20.00

Units: uL

524freon\_00043

Amount Added: 20.00

Units: uL

GASES Li\_00443

Amount Added: 20.00

Units: uL

ACROLEIN W\_00131

Amount Added: 4.00

Units: uL

VOA6IS/SURR\_00049

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20211013-135933.b\TT45755.D

Injection Date: 13-Oct-2021 17:07:30

Instrument ID: CVOAMS17

Lims ID: 460-244788-A-1 MSD

Client ID: MW-01\_20211008

Operator ID:

ALS Bottle#:

31

Worklist Smp#:

32

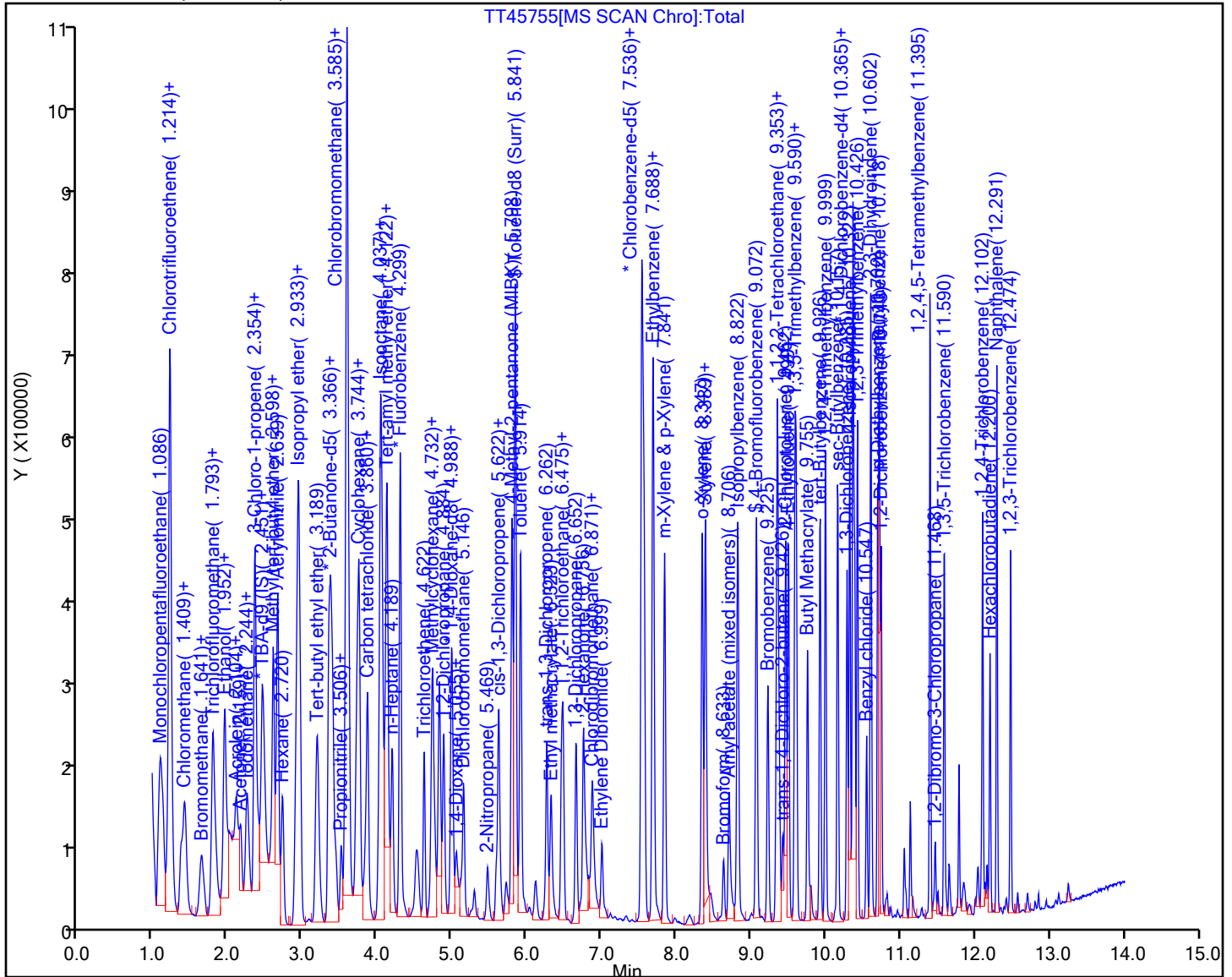
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 Start Date: 10/12/2021 06:28Analysis Batch Number: 806463 End Date: 10/12/2021 13:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-806463/1		10/12/2021 06:28	1	TT45698.D	DB-624 0.18 (mm)
STD8 460-806463/3 IC		10/12/2021 07:09	1	TT45700.D	DB-624 0.18 (mm)
STD5 460-806463/6 IC		10/12/2021 08:11	1	TT45703.D	DB-624 0.18 (mm)
STD20 460-806463/7 ICIS		10/12/2021 08:31	1	TT45704.D	DB-624 0.18 (mm)
STD50 460-806463/8 IC		10/12/2021 08:52	1	TT45705.D	DB-624 0.18 (mm)
STD200 460-806463/9 IC		10/12/2021 09:12	1	TT45706.D	DB-624 0.18 (mm)
STD500 460-806463/10 IC		10/12/2021 09:33	1	TT45707.D	DB-624 0.18 (mm)
STD1 460-806463/14 IC		10/12/2021 12:08	1	TT45711.D	DB-624 0.18 (mm)
ICV 460-806463/16		10/12/2021 13:42	1	TT45713.D	DB-624 0.18 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-244788-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17Start Date: 10/13/2021 07:02Analysis Batch Number: 806689End Date: 10/13/2021 17:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-806689/3		10/13/2021 07:02	1	TT45726.D	DB-624 0.18 (mm)
LCS 460-806689/4		10/13/2021 07:27	1	TT45727.D	DB-624 0.18 (mm)
ZZZZZ		10/13/2021 07:48	1		DB-624 0.18 (mm)
MB 460-806689/8		10/13/2021 08:50	1	TT45731.D	DB-624 0.18 (mm)
ZZZZZ		10/13/2021 09:11	1		DB-624 0.18 (mm)
460-244788-5	TB_20211008	10/13/2021 09:31	1	TT45733.D	DB-624 0.18 (mm)
ZZZZZ		10/13/2021 09:52	1		DB-624 0.18 (mm)
460-244788-6	FB_20211008	10/13/2021 10:13	1	TT45735.D	DB-624 0.18 (mm)
ZZZZZ		10/13/2021 10:33	1		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 10:54	1		DB-624 0.18 (mm)
460-244788-1	MW-01_20211008	10/13/2021 11:15	1	TT45738.D	DB-624 0.18 (mm)
460-244788-2	MW-02_20211008	10/13/2021 11:35	1	TT45739.D	DB-624 0.18 (mm)
460-244788-3	MW-03_20211008	10/13/2021 11:56	1	TT45740.D	DB-624 0.18 (mm)
460-244788-4	MW-X_20211008	10/13/2021 12:17	1	TT45741.D	DB-624 0.18 (mm)
ZZZZZ		10/13/2021 13:00	1		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 13:20	1		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 13:41	1		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 14:02	1		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 14:22	1		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 15:24	10		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 15:45	10		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 16:05	10		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 16:26	20		DB-624 0.18 (mm)
460-244788-1 MS	MW-01_20211008 MS	10/13/2021 16:46	1	TT45754.D	DB-624 0.18 (mm)
460-244788-1 MSD	MW-01_20211008 MSD	10/13/2021 17:07	1	TT45755.D	DB-624 0.18 (mm)
ZZZZZ		10/13/2021 17:28	1		DB-624 0.18 (mm)
ZZZZZ		10/13/2021 17:49	1		DB-624 0.18 (mm)



## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Batch Number: 806463 Batch Start Date: 10/12/21 06:28 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00134	524freon 00043	8260 SP 00145	8260MIX1COMB 00144
BFB 460-806463/1		8260D		5 mL	5 mL				
STD8 460-806463/3 IC		8260D		5 mL	5 mL				
STD5 460-806463/6 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD20 460-806463/7 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
STD50 460-806463/8 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-806463/9 IC		8260D		5 mL	5 mL				
STD500 460-806463/10 IC		8260D		5 mL	5 mL				
STD1 460-806463/14 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
ICV 460-806463/16		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00037	8FreonsSS 00037	ACROLEIN SP 00130	ACROLEIN W 00131	ACRY/EPIH MIX 00090	BFB 00030
BFB 460-806463/1		8260D							1 uL
STD8 460-806463/3 IC		8260D						20 uL	
STD5 460-806463/6 IC		8260D					4 uL		
STD20 460-806463/7 ICIS		8260D					4 uL		
STD50 460-806463/8 IC		8260D					10 uL		
STD200 460-806463/9 IC		8260D		20 uL			20 uL		
STD500 460-806463/10 IC		8260D		50 uL			40 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 3

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Batch Number: 806463 Batch Start Date: 10/12/21 06:28 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00037	8FreonsSS 00037	ACROLEIN SP 00130	ACROLEIN W 00131	ACRY/EPIH MIX 00090	BFB 00030
STD1 460-806463/14 IC		8260D					4 uL		
ICV 460-806463/16		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00057	GAS C SP 00430	GAS Hi 00398	GASES Li 00442	MIX 2 Hi 00116	MIX I Hi 00143
BFB 460-806463/1		8260D							
STD8 460-806463/3 IC		8260D					2.5 uL		
STD5 460-806463/6 IC		8260D					10 uL		
STD20 460-806463/7 ICIS		8260D					20 uL		
STD50 460-806463/8 IC		8260D					50 uL		
STD200 460-806463/9 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-806463/10 IC		8260D		50 uL		50 uL		50 uL	50 uL
STD1 460-806463/14 IC		8260D					10 uL		
ICV 460-806463/16		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00049					
BFB 460-806463/1		8260D							
STD8 460-806463/3 IC		8260D		5 uL					
STD5 460-806463/6 IC		8260D		5 uL					
STD20 460-806463/7 ICIS		8260D		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Batch Number: 806463 Batch Start Date: 10/12/21 06:28 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00049					
STD50 460-806463/8 IC		8260D		5 uL					
STD200 460-806463/9 IC		8260D		5 uL					
STD500 460-806463/10 IC		8260D		5 uL					
STD1 460-806463/14 IC		8260D		5 uL					
ICV 460-806463/16		8260D		5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Batch Number: 806689 Batch Start Date: 10/13/21 07:02 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00043	8260MIX1COMB 00144	ACROLEIN W 00131
CCVIS 460-806689/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-806689/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-806689/8		8260D		5 mL	5 mL				
460-244788-A-5	TB_20211008	8260D	T	5 mL	5 mL	<2 PH Units			
460-244788-A-6	FB_20211008	8260D	T	5 mL	5 mL	<2 PH Units			
460-244788-A-1	MW-01_20211008	8260D	T	5 mL	5 mL	<2 PH Units			
460-244788-A-2	MW-02_20211008	8260D	T	5 mL	5 mL	<2 PH Units			
460-244788-A-3	MW-03_20211008	8260D	T	5 mL	5 mL	<2 PH Units			
460-244788-A-4	MW-X_20211008	8260D	T	5 mL	5 mL	<2 PH Units			
460-244788-A-1 MS	MW-01_20211008	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-244788-A-1 MSD	MW-01_20211008	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00443	VOA6IS/SURR 00049				
CCVIS 460-806689/3		8260D		20 uL	5 uL				
LCS 460-806689/4		8260D		20 uL	5 uL				
MB 460-806689/8		8260D			5 uL				
460-244788-A-5	TB_20211008	8260D	T		5 uL				
460-244788-A-6	FB_20211008	8260D	T		5 uL				
460-244788-A-1	MW-01_20211008	8260D	T		5 uL				
460-244788-A-2	MW-02_20211008	8260D	T		5 uL				
460-244788-A-3	MW-03_20211008	8260D	T		5 uL				
460-244788-A-4	MW-X_20211008	8260D	T		5 uL				
460-244788-A-1 MS	MW-01_20211008	8260D	T	20 uL	5 uL				
460-244788-A-1 MSD	MW-01_20211008	8260D	T	20 uL	5 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-244788-1

SDG No.: \_\_\_\_\_

Batch Number: 806689 Batch Start Date: 10/13/21 07:02 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

# Shipping and Receiving Documents

244788

2.7.13-128

## Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	27	22	Cooler #4:	7	7
Cooler #2:	7	7	Cooler #5:	7	7
Cooler #3:	7	7	Cooler #6:	7	7
			Cooler #7:	7	7
			Cooler #8:	7	7
			Cooler #9:	7	7

[illegible]

**If pH adjustments are required record the information below:**

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.*

Initials: hamed

Date: 10/8/21



## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-244788-1

Login Number: 244788

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Khlungprakhon, Sukanya

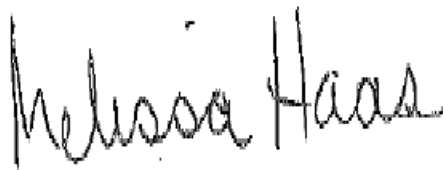
Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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	

## ANALYTICAL REPORT

Job Number: 460-250372-1

Job Description: 601 W29th St, NY, NY 10001; #170087

For:  
AKRF Inc  
440 Park Avenue South  
7th Floor  
New York, NY 10016  
Attention: Ms. Adrianna Bosco



Approved for release.  
Melissa Haas  
Senior Project Manager  
1/18/2022 8:23 AM

---

Melissa Haas, Senior Project Manager  
777 New Durham Road, Edison, NJ, 08817  
(203)308-0880  
Melissa.Haas@Eurofinset.com  
01/18/2022

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

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Northeast Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

### **Eurofins Edison**

777 New Durham Road, Edison, NJ 08817

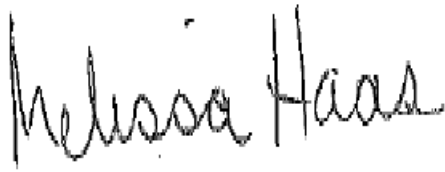
Tel (732) 549-3900 Fax (732) 549-3679 [www.EurofinsUS.com](http://www.EurofinsUS.com)



Job Number: 460-250372-1

Job Description: 601 W29th St, NY, NY 10001; #170087

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

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath it.

Approved for release.  
Melissa Haas  
Senior Project Manager  
1/18/2022 8:23 AM

Melissa Haas

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## CASE NARRATIVE

Client: AKRF Inc

Project: 601 W29th St, NY, NY 10001; #170087

Report Number: 460-250372-1

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 1/7/2022 6:00 PM and 1/13/2022 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.2° C and 2.8° C.

### **Receipt Exceptions**

Per laboratory policy the TB sample date/time was added to reflect the latest sample date/time of the sampling event.

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

### **VOLATILE ORGANIC COMPOUNDS (GC/MS)**

Samples MW-01\_20220107 (460-250372-1), MW-X\_20220107 (460-250372-2), TB\_20220107 (460-250372-3), FB\_20220107 (460-250372-4) and MW-03\_20220107 (460-250372-5) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 01/12/20

The continuing calibration verification (CCV) analyzed in batch 460-823456 was outside the method criteria for the following analyte(s): tert-Butylbenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

# Sample Summary

Client: AKRF Inc

Job ID: 460-250372-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-250372-1	MW-01_20220107	Water	01/07/22 10:50	01/07/22 18:00
460-250372-2	MW-X_20220107	Water	01/07/22 10:55	01/07/22 18:00
460-250372-3	TB_20220107	Water	01/07/22 13:20	01/07/22 18:00
460-250372-4	FB_20220107	Water	01/07/22 11:30	01/07/22 18:00
460-250372-5	MW-03_20220107	Water	01/07/22 13:20	01/07/22 18:00
460-250694-1	MW-02_20220112	Water	01/12/22 09:00	01/13/22 19:00

# Detection Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Client Sample ID: MW-01\_20220107

## Lab Sample ID: 460-250372-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.45	J	1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	3.5		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.0		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.33	J	1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	3.5		1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	1.1		1.0	0.88	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.66	J	1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	4.5		1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	0.59	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	8.1		2.0	0.65	ug/L	1		8260D	Total/NA

## Client Sample ID: MW-X\_20220107

## Lab Sample ID: 460-250372-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.46	J	1.0	0.20	ug/L	1		8260D	Total/NA
Ethylbenzene	3.8		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.1		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.35	J	1.0	0.22	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	3.9		1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	1.3		1.0	0.88	ug/L	1		8260D	Total/NA
N-Propylbenzene	0.70	J	1.0	0.32	ug/L	1		8260D	Total/NA
o-Xylene	4.9		1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	0.64	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	8.8		2.0	0.65	ug/L	1		8260D	Total/NA

## Client Sample ID: TB\_20220107

## Lab Sample ID: 460-250372-3

No Detections.

## Client Sample ID: FB\_20220107

## Lab Sample ID: 460-250372-4

No Detections.

## Client Sample ID: MW-03\_20220107

## Lab Sample ID: 460-250372-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.39	J	1.0	0.37	ug/L	1		8260D	Total/NA
4-Isopropyltoluene	15		1.0	0.37	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.55	J	1.0	0.30	ug/L	1		8260D	Total/NA
Naphthalene	1.1		1.0	0.88	ug/L	1		8260D	Total/NA
o-Xylene	0.42	J	1.0	0.36	ug/L	1		8260D	Total/NA
Toluene	0.59	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	0.97	J	2.0	0.65	ug/L	1		8260D	Total/NA

## Client Sample ID: MW-02\_20220112

## Lab Sample ID: 460-250694-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.9		1.0	0.20	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.78	J	1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.49	J	1.0	0.22	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison



# Method Summary

Client: AKRF Inc

Job ID: 460-250372-1

Project/Site: 601 W29th St, NY, NY 10001; #170087

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

## Protocol References:

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

## Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

Client Sample ID: MW-01\_20220107

Lab Sample ID: 460-250372-1

Date Collected: 01/07/22 10:50

Matrix: Water

Date Received: 01/07/22 18:00

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 02:57	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/12/22 02:57	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			01/12/22 02:57	1
Benzene	0.45	J	1.0	0.20	ug/L			01/12/22 02:57	1
Ethylbenzene	3.5		1.0	0.30	ug/L			01/12/22 02:57	1
Isopropylbenzene	1.0		1.0	0.34	ug/L			01/12/22 02:57	1
Methyl tert-butyl ether	0.33	J	1.0	0.22	ug/L			01/12/22 02:57	1
m-Xylene & p-Xylene	3.5		1.0	0.30	ug/L			01/12/22 02:57	1
Naphthalene	1.1		1.0	0.88	ug/L			01/12/22 02:57	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 02:57	1
N-Propylbenzene	0.66	J	1.0	0.32	ug/L			01/12/22 02:57	1
o-Xylene	4.5		1.0	0.36	ug/L			01/12/22 02:57	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 02:57	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 02:57	1
Toluene	0.59	J	1.0	0.38	ug/L			01/12/22 02:57	1
Xylenes, Total	8.1		2.0	0.65	ug/L			01/12/22 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 123		01/12/22 02:57	1
4-Bromofluorobenzene	105		76 - 120		01/12/22 02:57	1
Dibromofluoromethane (Surr)	111		77 - 124		01/12/22 02:57	1
Toluene-d8 (Surr)	94		80 - 120		01/12/22 02:57	1

Client Sample ID: MW-X\_20220107

Lab Sample ID: 460-250372-2

Date Collected: 01/07/22 10:55

Matrix: Water

Date Received: 01/07/22 18:00

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 03:18	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/12/22 03:18	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			01/12/22 03:18	1
Benzene	0.46	J	1.0	0.20	ug/L			01/12/22 03:18	1
Ethylbenzene	3.8		1.0	0.30	ug/L			01/12/22 03:18	1
Isopropylbenzene	1.1		1.0	0.34	ug/L			01/12/22 03:18	1
Methyl tert-butyl ether	0.35	J	1.0	0.22	ug/L			01/12/22 03:18	1
m-Xylene & p-Xylene	3.9		1.0	0.30	ug/L			01/12/22 03:18	1
Naphthalene	1.3		1.0	0.88	ug/L			01/12/22 03:18	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 03:18	1
N-Propylbenzene	0.70	J	1.0	0.32	ug/L			01/12/22 03:18	1
o-Xylene	4.9		1.0	0.36	ug/L			01/12/22 03:18	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 03:18	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 03:18	1
Toluene	0.64	J	1.0	0.38	ug/L			01/12/22 03:18	1
Xylenes, Total	8.8		2.0	0.65	ug/L			01/12/22 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 123		01/12/22 03:18	1
4-Bromofluorobenzene	104		76 - 120		01/12/22 03:18	1
Dibromofluoromethane (Surr)	111		77 - 124		01/12/22 03:18	1

Eurofins Edison

# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

**Client Sample ID: MW-X\_20220107**

**Lab Sample ID: 460-250372-2**

**Date Collected: 01/07/22 10:55**

**Matrix: Water**

**Date Received: 01/07/22 18:00**

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		01/12/22 03:18	1

**Client Sample ID: TB\_20220107**

**Lab Sample ID: 460-250372-3**

**Date Collected: 01/07/22 13:20**

**Matrix: Water**

**Date Received: 01/07/22 18:00**

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 02:14	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/12/22 02:14	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			01/12/22 02:14	1
Benzene	0.20	U	1.0	0.20	ug/L			01/12/22 02:14	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			01/12/22 02:14	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 02:14	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			01/12/22 02:14	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			01/12/22 02:14	1
Naphthalene	0.88	U	1.0	0.88	ug/L			01/12/22 02:14	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 02:14	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 02:14	1
o-Xylene	0.36	U	1.0	0.36	ug/L			01/12/22 02:14	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 02:14	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 02:14	1
Toluene	0.38	U	1.0	0.38	ug/L			01/12/22 02:14	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			01/12/22 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		75 - 123		01/12/22 02:14	1
4-Bromofluorobenzene	107		76 - 120		01/12/22 02:14	1
Dibromofluoromethane (Surr)	113		77 - 124		01/12/22 02:14	1
Toluene-d8 (Surr)	93		80 - 120		01/12/22 02:14	1

**Client Sample ID: FB\_20220107**

**Lab Sample ID: 460-250372-4**

**Date Collected: 01/07/22 11:30**

**Matrix: Water**

**Date Received: 01/07/22 18:00**

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 02:35	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/12/22 02:35	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			01/12/22 02:35	1
Benzene	0.20	U	1.0	0.20	ug/L			01/12/22 02:35	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			01/12/22 02:35	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 02:35	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			01/12/22 02:35	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			01/12/22 02:35	1
Naphthalene	0.88	U	1.0	0.88	ug/L			01/12/22 02:35	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 02:35	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 02:35	1
o-Xylene	0.36	U	1.0	0.36	ug/L			01/12/22 02:35	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 02:35	1

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# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

Client Sample ID: FB\_20220107

Lab Sample ID: 460-250372-4

Date Collected: 01/07/22 11:30

Matrix: Water

Date Received: 01/07/22 18:00

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 02:35	1
Toluene	0.38	U	1.0	0.38	ug/L			01/12/22 02:35	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			01/12/22 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		75 - 123		01/12/22 02:35	1
4-Bromofluorobenzene	105		76 - 120		01/12/22 02:35	1
Dibromofluoromethane (Surr)	114		77 - 124		01/12/22 02:35	1
Toluene-d8 (Surr)	92		80 - 120		01/12/22 02:35	1

Client Sample ID: MW-03\_20220107

Lab Sample ID: 460-250372-5

Date Collected: 01/07/22 13:20

Matrix: Water

Date Received: 01/07/22 18:00

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.39	J	1.0	0.37	ug/L			01/12/22 03:39	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/12/22 03:39	1
4-Isopropyltoluene	15		1.0	0.37	ug/L			01/12/22 03:39	1
Benzene	0.20	U	1.0	0.20	ug/L			01/12/22 03:39	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			01/12/22 03:39	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 03:39	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			01/12/22 03:39	1
m-Xylene & p-Xylene	0.55	J	1.0	0.30	ug/L			01/12/22 03:39	1
Naphthalene	1.1		1.0	0.88	ug/L			01/12/22 03:39	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 03:39	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			01/12/22 03:39	1
o-Xylene	0.42	J	1.0	0.36	ug/L			01/12/22 03:39	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/12/22 03:39	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/12/22 03:39	1
Toluene	0.59	J	1.0	0.38	ug/L			01/12/22 03:39	1
Xylenes, Total	0.97	J	2.0	0.65	ug/L			01/12/22 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		75 - 123		01/12/22 03:39	1
4-Bromofluorobenzene	106		76 - 120		01/12/22 03:39	1
Dibromofluoromethane (Surr)	116		77 - 124		01/12/22 03:39	1
Toluene-d8 (Surr)	92		80 - 120		01/12/22 03:39	1

Client Sample ID: MW-02\_20220112

Lab Sample ID: 460-250694-1

Date Collected: 01/12/22 09:00

Matrix: Water

Date Received: 01/13/22 19:00

## Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			01/15/22 00:01	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/15/22 00:01	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			01/15/22 00:01	1
Benzene	3.9		1.0	0.20	ug/L			01/15/22 00:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			01/15/22 00:01	1
Isopropylbenzene	0.78	J	1.0	0.34	ug/L			01/15/22 00:01	1

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# Client Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

Client Sample ID: MW-02\_20220112

Lab Sample ID: 460-250694-1

Date Collected: 01/12/22 09:00

Matrix: Water

Date Received: 01/13/22 19:00

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.49	J	1.0	0.22	ug/L			01/15/22 00:01	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			01/15/22 00:01	1
Naphthalene	0.88	U	1.0	0.88	ug/L			01/15/22 00:01	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/15/22 00:01	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			01/15/22 00:01	1
o-Xylene	0.36	U	1.0	0.36	ug/L			01/15/22 00:01	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/15/22 00:01	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/15/22 00:01	1
Toluene	0.38	U	1.0	0.38	ug/L			01/15/22 00:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			01/15/22 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 123		01/15/22 00:01	1
4-Bromofluorobenzene	104		76 - 120		01/15/22 00:01	1
Dibromofluoromethane (Surr)	102		77 - 124		01/15/22 00:01	1
Toluene-d8 (Surr)	104		80 - 120		01/15/22 00:01	1

# Surrogate Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-250372-1	MW-01_20220107	105	105	111	94
460-250372-1 MS	MW-01_20220107	104	103	104	94
460-250372-1 MSD	MW-01_20220107	105	104	104	94
460-250372-2	MW-X_20220107	107	104	111	94
460-250372-3	TB_20220107	112	107	113	93
460-250372-4	FB_20220107	111	105	114	92
460-250372-5	MW-03_20220107	114	106	116	92
460-250694-1	MW-02_20220112	102	104	102	104
LCS 460-822812/4	Lab Control Sample	104	103	103	94
LCS 460-823456/4	Lab Control Sample	105	102	103	102
LCSD 460-823456/5	Lab Control Sample Dup	103	100	102	104
MB 460-822812/8	Method Blank	108	104	111	93
MB 460-823456/8	Method Blank	101	103	102	104

### Surrogate Legend

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

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-822812/8

Matrix: Water

Analysis Batch: 822812

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			01/11/22 19:31	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/11/22 19:31	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			01/11/22 19:31	1
Benzene	0.20	U	1.0	0.20	ug/L			01/11/22 19:31	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			01/11/22 19:31	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			01/11/22 19:31	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			01/11/22 19:31	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			01/11/22 19:31	1
Naphthalene	0.88	U	1.0	0.88	ug/L			01/11/22 19:31	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/11/22 19:31	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			01/11/22 19:31	1
o-Xylene	0.36	U	1.0	0.36	ug/L			01/11/22 19:31	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/11/22 19:31	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/11/22 19:31	1
Toluene	0.38	U	1.0	0.38	ug/L			01/11/22 19:31	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			01/11/22 19:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 123		01/11/22 19:31	1
4-Bromofluorobenzene	104		76 - 120		01/11/22 19:31	1
Dibromofluoromethane (Surr)	111		77 - 124		01/11/22 19:31	1
Toluene-d8 (Surr)	93		80 - 120		01/11/22 19:31	1

Lab Sample ID: LCS 460-822812/4

Matrix: Water

Analysis Batch: 822812

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	18.1		ug/L		91	75 - 125
1,3,5-Trimethylbenzene	20.0	17.7		ug/L		88	75 - 125
4-Isopropyltoluene	20.0	19.1		ug/L		96	71 - 129
Benzene	20.0	19.0		ug/L		95	78 - 126
Ethylbenzene	20.0	18.6		ug/L		93	78 - 120
Isopropylbenzene	20.0	18.5		ug/L		93	79 - 125
Methyl tert-butyl ether	20.0	18.3		ug/L		92	65 - 131
m-Xylene & p-Xylene	20.0	18.3		ug/L		91	78 - 123
Naphthalene	20.0	15.6		ug/L		78	40 - 150
n-Butylbenzene	20.0	19.2		ug/L		96	69 - 135
N-Propylbenzene	20.0	17.0		ug/L		85	74 - 129
o-Xylene	20.0	18.4		ug/L		92	78 - 122
sec-Butylbenzene	20.0	18.1		ug/L		91	73 - 129
tert-Butylbenzene	20.0	18.0		ug/L		90	72 - 124
Toluene	20.0	18.4		ug/L		92	78 - 119
Xylenes, Total	40.0	36.7		ug/L		92	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 123
4-Bromofluorobenzene	103		76 - 120

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# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-822812/4

Matrix: Water

Analysis Batch: 822812

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	103		77 - 124
Toluene-d8 (Surr)	94		80 - 120

Lab Sample ID: 460-250372-1 MS

Matrix: Water

Analysis Batch: 822812

Client Sample ID: MW-01\_20220107

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	0.37	U	20.0	18.3		ug/L		91	75 - 125
1,3,5-Trimethylbenzene	0.33	U	20.0	17.6		ug/L		88	75 - 125
4-Isopropyltoluene	0.37	U	20.0	19.8		ug/L		99	71 - 129
Benzene	0.45	J	20.0	20.0		ug/L		98	78 - 126
Ethylbenzene	3.5		20.0	23.1		ug/L		98	78 - 120
Isopropylbenzene	1.0		20.0	20.2		ug/L		96	79 - 125
Methyl tert-butyl ether	0.33	J	20.0	17.8		ug/L		87	65 - 131
m-Xylene & p-Xylene	3.5		20.0	23.4		ug/L		99	78 - 123
Naphthalene	1.1		20.0	14.8		ug/L		69	40 - 150
n-Butylbenzene	0.32	U	20.0	19.2		ug/L		96	69 - 135
N-Propylbenzene	0.66	J	20.0	17.9		ug/L		86	74 - 129
o-Xylene	4.5		20.0	23.9		ug/L		97	78 - 122
sec-Butylbenzene	0.37	U	20.0	18.6		ug/L		93	73 - 129
tert-Butylbenzene	0.34	U	20.0	18.3		ug/L		92	72 - 124
Toluene	0.59	J	20.0	19.6		ug/L		95	78 - 119
Xylenes, Total	8.1		40.0	47.3		ug/L		98	78 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 123
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	104		77 - 124
Toluene-d8 (Surr)	94		80 - 120

Lab Sample ID: 460-250372-1 MSD

Matrix: Water

Analysis Batch: 822812

Client Sample ID: MW-01\_20220107

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	0.37	U	20.0	19.4		ug/L		97	75 - 125	6	30
1,3,5-Trimethylbenzene	0.33	U	20.0	18.5		ug/L		93	75 - 125	5	30
4-Isopropyltoluene	0.37	U	20.0	20.7		ug/L		103	71 - 129	4	30
Benzene	0.45	J	20.0	20.8		ug/L		102	78 - 126	4	30
Ethylbenzene	3.5		20.0	24.1		ug/L		103	78 - 120	4	30
Isopropylbenzene	1.0		20.0	21.1		ug/L		100	79 - 125	4	30
Methyl tert-butyl ether	0.33	J	20.0	18.4		ug/L		90	65 - 131	3	30
m-Xylene & p-Xylene	3.5		20.0	24.6		ug/L		105	78 - 123	5	30
Naphthalene	1.1		20.0	16.7		ug/L		78	40 - 150	12	30
n-Butylbenzene	0.32	U	20.0	20.4		ug/L		102	69 - 135	6	30
N-Propylbenzene	0.66	J	20.0	18.7		ug/L		90	74 - 129	5	30
o-Xylene	4.5		20.0	24.9		ug/L		102	78 - 122	4	30

Eurofins Edison



# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-250372-1 MSD

Matrix: Water

Analysis Batch: 822812

Client Sample ID: MW-01\_20220107

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
sec-Butylbenzene	0.37	U	20.0	19.7		ug/L		99	73 - 129	6	30
tert-Butylbenzene	0.34	U	20.0	19.3		ug/L		97	72 - 124	5	30
Toluene	0.59	J	20.0	20.4		ug/L		99	78 - 119	4	30
Xylenes, Total	8.1		40.0	49.5		ug/L		104	78 - 122	5	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		75 - 123
4-Bromofluorobenzene	104		76 - 120
Dibromofluoromethane (Surr)	104		77 - 124
Toluene-d8 (Surr)	94		80 - 120

Lab Sample ID: MB 460-823456/8

Matrix: Water

Analysis Batch: 823456

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			01/14/22 20:55	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			01/14/22 20:55	1
4-Isopropyltoluene	0.37	U	1.0	0.37	ug/L			01/14/22 20:55	1
Benzene	0.20	U	1.0	0.20	ug/L			01/14/22 20:55	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			01/14/22 20:55	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			01/14/22 20:55	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			01/14/22 20:55	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			01/14/22 20:55	1
Naphthalene	0.88	U	1.0	0.88	ug/L			01/14/22 20:55	1
n-Butylbenzene	0.32	U	1.0	0.32	ug/L			01/14/22 20:55	1
N-Propylbenzene	0.32	U	1.0	0.32	ug/L			01/14/22 20:55	1
o-Xylene	0.36	U	1.0	0.36	ug/L			01/14/22 20:55	1
sec-Butylbenzene	0.37	U	1.0	0.37	ug/L			01/14/22 20:55	1
tert-Butylbenzene	0.34	U	1.0	0.34	ug/L			01/14/22 20:55	1
Toluene	0.38	U	1.0	0.38	ug/L			01/14/22 20:55	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			01/14/22 20:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		01/14/22 20:55	1
4-Bromofluorobenzene	103		76 - 120		01/14/22 20:55	1
Dibromofluoromethane (Surr)	102		77 - 124		01/14/22 20:55	1
Toluene-d8 (Surr)	104		80 - 120		01/14/22 20:55	1

Lab Sample ID: LCS 460-823456/4

Matrix: Water

Analysis Batch: 823456

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	20.0		ug/L		100	75 - 125
1,3,5-Trimethylbenzene	20.0	19.9		ug/L		100	75 - 125
4-Isopropyltoluene	20.0	19.4		ug/L		97	71 - 129
Benzene	20.0	18.6		ug/L		93	78 - 126

Eurofins Edison

# QC Sample Results

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-823456/4

Matrix: Water

Analysis Batch: 823456

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	20.0	18.8		ug/L		94	78 - 120
Isopropylbenzene	20.0	20.0		ug/L		100	79 - 125
Methyl tert-butyl ether	20.0	20.3		ug/L		102	65 - 131
m-Xylene & p-Xylene	20.0	18.7		ug/L		93	78 - 123
Naphthalene	20.0	21.6		ug/L		108	40 - 150
n-Butylbenzene	20.0	19.3		ug/L		96	69 - 135
N-Propylbenzene	20.0	19.3		ug/L		97	74 - 129
o-Xylene	20.0	19.6		ug/L		98	78 - 122
sec-Butylbenzene	20.0	19.1		ug/L		95	73 - 129
tert-Butylbenzene	20.0	14.3		ug/L		72	72 - 124
Toluene	20.0	18.2		ug/L		91	78 - 119
Xylenes, Total	40.0	38.2		ug/L		96	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		75 - 123
4-Bromofluorobenzene	102		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 460-823456/5

Matrix: Water

Analysis Batch: 823456

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	20.0	20.4		ug/L		102	75 - 125	2	30
1,3,5-Trimethylbenzene	20.0	20.8		ug/L		104	75 - 125	4	30
4-Isopropyltoluene	20.0	20.3		ug/L		102	71 - 129	5	30
Benzene	20.0	18.9		ug/L		94	78 - 126	1	30
Ethylbenzene	20.0	18.8		ug/L		94	78 - 120	0	30
Isopropylbenzene	20.0	20.1		ug/L		101	79 - 125	1	30
Methyl tert-butyl ether	20.0	20.6		ug/L		103	65 - 131	1	30
m-Xylene & p-Xylene	20.0	18.9		ug/L		95	78 - 123	1	30
Naphthalene	20.0	22.2		ug/L		111	40 - 150	3	30
n-Butylbenzene	20.0	20.1		ug/L		100	69 - 135	4	30
N-Propylbenzene	20.0	20.0		ug/L		100	74 - 129	4	30
o-Xylene	20.0	19.7		ug/L		98	78 - 122	1	30
sec-Butylbenzene	20.0	19.9		ug/L		99	73 - 129	4	30
tert-Butylbenzene	20.0	15.0		ug/L		75	72 - 124	5	30
Toluene	20.0	18.4		ug/L		92	78 - 119	1	30
Xylenes, Total	40.0	38.6		ug/L		97	78 - 122	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		75 - 123
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	102		77 - 124
Toluene-d8 (Surr)	104		80 - 120

# Definitions/Glossary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# QC Association Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## GC/MS VOA

### Analysis Batch: 822812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-250372-1	MW-01_20220107	Total/NA	Water	8260D	
460-250372-2	MW-X_20220107	Total/NA	Water	8260D	
460-250372-3	TB_20220107	Total/NA	Water	8260D	
460-250372-4	FB_20220107	Total/NA	Water	8260D	
460-250372-5	MW-03_20220107	Total/NA	Water	8260D	
MB 460-822812/8	Method Blank	Total/NA	Water	8260D	
LCS 460-822812/4	Lab Control Sample	Total/NA	Water	8260D	
460-250372-1 MS	MW-01_20220107	Total/NA	Water	8260D	
460-250372-1 MSD	MW-01_20220107	Total/NA	Water	8260D	

### Analysis Batch: 823456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-250694-1	MW-02_20220112	Total/NA	Water	8260D	
MB 460-823456/8	Method Blank	Total/NA	Water	8260D	
LCS 460-823456/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-823456/5	Lab Control Sample Dup	Total/NA	Water	8260D	

# Lab Chronicle

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

**Client Sample ID: MW-01\_20220107**

**Date Collected: 01/07/22 10:50**

**Date Received: 01/07/22 18:00**

**Lab Sample ID: 460-250372-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	822812	01/12/22 02:57	VBP	TAL EDI

**Client Sample ID: MW-X\_20220107**

**Date Collected: 01/07/22 10:55**

**Date Received: 01/07/22 18:00**

**Lab Sample ID: 460-250372-2**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	822812	01/12/22 03:18	VBP	TAL EDI

**Client Sample ID: TB\_20220107**

**Date Collected: 01/07/22 13:20**

**Date Received: 01/07/22 18:00**

**Lab Sample ID: 460-250372-3**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	822812	01/12/22 02:14	VBP	TAL EDI

**Client Sample ID: FB\_20220107**

**Date Collected: 01/07/22 11:30**

**Date Received: 01/07/22 18:00**

**Lab Sample ID: 460-250372-4**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	822812	01/12/22 02:35	VBP	TAL EDI

**Client Sample ID: MW-03\_20220107**

**Date Collected: 01/07/22 13:20**

**Date Received: 01/07/22 18:00**

**Lab Sample ID: 460-250372-5**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	822812	01/12/22 03:39	VBP	TAL EDI

**Client Sample ID: MW-02\_20220112**

**Date Collected: 01/12/22 09:00**

**Date Received: 01/13/22 19:00**

**Lab Sample ID: 460-250694-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	823456	01/15/22 00:01	MZS	TAL EDI

## Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Accreditation/Certification Summary

Client: AKRF Inc  
Project/Site: 601 W29th St, NY, NY 10001; #170087

Job ID: 460-250372-1

## Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

# 8260D

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Volatile Organic Compounds by GC/MS

FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low  
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-01_20220107	460-250372-1	111	105	94	105
MW-X_20220107	460-250372-2	111	107	94	104
TB_20220107	460-250372-3	113	112	93	107
FB_20220107	460-250372-4	114	111	92	105
MW-03_20220107	460-250372-5	116	114	92	106
MW-02_20220112	460-250694-1	102	102	104	104
	MB 460-822812/8	111	108	93	104
	MB 460-823456/8	102	101	104	103
	LCS 460-822812/4	103	104	94	103
	LCS 460-823456/4	103	105	102	102
	LCSD 460-823456/5	102	103	104	100
MW-01_20220107 MS	460-250372-1 MS	104	104	94	103
MW-01_20220107 MSD	460-250372-1 MSD	104	105	94	104

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

# Column to be used to flag recovery values



FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: T60488.D  
 Lab ID: LCS 460-822812/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	18.1	91	75-125	
1,3,5-Trimethylbenzene	20.0	17.7	88	75-125	
4-Isopropyltoluene	20.0	19.1	96	71-129	
Benzene	20.0	19.0	95	78-126	
Ethylbenzene	20.0	18.6	93	78-120	
Isopropylbenzene	20.0	18.5	93	79-125	
Methyl tert-butyl ether	20.0	18.3	92	65-131	
m-Xylene & p-Xylene	20.0	18.3	91	78-123	
Naphthalene	20.0	15.6	78	40-150	
n-Butylbenzene	20.0	19.2	96	69-135	
N-Propylbenzene	20.0	17.0	85	74-129	
o-Xylene	20.0	18.4	92	78-122	
sec-Butylbenzene	20.0	18.1	91	73-129	
tert-Butylbenzene	20.0	18.0	90	72-124	
Toluene	20.0	18.4	92	78-119	
Xylenes, Total	40.0	36.7	92	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: TT49380.D  
 Lab ID: LCS 460-823456/4 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	20.0	100	75-125	
1,3,5-Trimethylbenzene	20.0	19.9	100	75-125	
4-Isopropyltoluene	20.0	19.4	97	71-129	
Benzene	20.0	18.6	93	78-126	
Ethylbenzene	20.0	18.8	94	78-120	
Isopropylbenzene	20.0	20.0	100	79-125	
Methyl tert-butyl ether	20.0	20.3	102	65-131	
m-Xylene & p-Xylene	20.0	18.7	93	78-123	
Naphthalene	20.0	21.6	108	40-150	
n-Butylbenzene	20.0	19.3	96	69-135	
N-Propylbenzene	20.0	19.3	97	74-129	
o-Xylene	20.0	19.6	98	78-122	
sec-Butylbenzene	20.0	19.1	95	73-129	
tert-Butylbenzene	20.0	14.3	72	72-124	
Toluene	20.0	18.2	91	78-119	
Xylenes, Total	40.0	38.2	96	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: TT49381.D  
 Lab ID: LCSD 460-823456/5 Client ID: \_\_\_\_\_

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4-Trimethylbenzene	20.0	20.4	102	2	30	75-125	
1,3,5-Trimethylbenzene	20.0	20.8	104	4	30	75-125	
4-Isopropyltoluene	20.0	20.3	102	5	30	71-129	
Benzene	20.0	18.9	94	1	30	78-126	
Ethylbenzene	20.0	18.8	94	0	30	78-120	
Isopropylbenzene	20.0	20.1	101	1	30	79-125	
Methyl tert-butyl ether	20.0	20.6	103	1	30	65-131	
m-Xylene & p-Xylene	20.0	18.9	95	1	30	78-123	
Naphthalene	20.0	22.2	111	3	30	40-150	
n-Butylbenzene	20.0	20.1	100	4	30	69-135	
N-Propylbenzene	20.0	20.0	100	4	30	74-129	
o-Xylene	20.0	19.7	98	1	30	78-122	
sec-Butylbenzene	20.0	19.9	99	4	30	73-129	
tert-Butylbenzene	20.0	15.0	75	5	30	72-124	
Toluene	20.0	18.4	92	1	30	78-119	
Xylenes, Total	40.0	38.6	97	1	30	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: T60516.D  
 Lab ID: 460-250372-1 MS Client ID: MW-01\_20220107 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	0.37 U	18.3	91	75-125	
1,3,5-Trimethylbenzene	20.0	0.33 U	17.6	88	75-125	
4-Isopropyltoluene	20.0	0.37 U	19.8	99	71-129	
Benzene	20.0	0.45 J	20.0	98	78-126	
Ethylbenzene	20.0	3.5	23.1	98	78-120	
Isopropylbenzene	20.0	1.0	20.2	96	79-125	
Methyl tert-butyl ether	20.0	0.33 J	17.8	87	65-131	
m-Xylene & p-Xylene	20.0	3.5	23.4	99	78-123	
Naphthalene	20.0	1.1	14.8	69	40-150	
n-Butylbenzene	20.0	0.32 U	19.2	96	69-135	
N-Propylbenzene	20.0	0.66 J	17.9	86	74-129	
o-Xylene	20.0	4.5	23.9	97	78-122	
sec-Butylbenzene	20.0	0.37 U	18.6	93	73-129	
tert-Butylbenzene	20.0	0.34 U	18.3	92	72-124	
Toluene	20.0	0.59 J	19.6	95	78-119	
Xylenes, Total	40.0	8.1	47.3	98	78-122	

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: T60517.D  
 Lab ID: 460-250372-1 MSD Client ID: MW-01\_20220107 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4-Trimethylbenzene	20.0	19.4	97	6	30	75-125	
1,3,5-Trimethylbenzene	20.0	18.5	93	5	30	75-125	
4-Isopropyltoluene	20.0	20.7	103	4	30	71-129	
Benzene	20.0	20.8	102	4	30	78-126	
Ethylbenzene	20.0	24.1	103	4	30	78-120	
Isopropylbenzene	20.0	21.1	100	4	30	79-125	
Methyl tert-butyl ether	20.0	18.4	90	3	30	65-131	
m-Xylene & p-Xylene	20.0	24.6	105	5	30	78-123	
Naphthalene	20.0	16.7	78	12	30	40-150	
n-Butylbenzene	20.0	20.4	102	6	30	69-135	
N-Propylbenzene	20.0	18.7	90	5	30	74-129	
o-Xylene	20.0	24.9	102	4	30	78-122	
sec-Butylbenzene	20.0	19.7	99	6	30	73-129	
tert-Butylbenzene	20.0	19.3	97	5	30	72-124	
Toluene	20.0	20.4	99	4	30	78-119	
Xylenes, Total	40.0	49.5	104	5	30	78-122	

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
SDG No.: \_\_\_\_\_  
Lab File ID: T60492.D Lab Sample ID: MB 460-822812/8  
Matrix: Water Heated Purge: (Y/N) N  
Instrument ID: CVOAMS15 Date Analyzed: 01/11/2022 19:31  
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-822812/4	T60488.D	01/11/2022 18:06
TB_20220107	460-250372-3	T60511.D	01/12/2022 02:14
FB_20220107	460-250372-4	T60512.D	01/12/2022 02:35
MW-01_20220107	460-250372-1	T60513.D	01/12/2022 02:57
MW-X_20220107	460-250372-2	T60514.D	01/12/2022 03:18
MW-03_20220107	460-250372-5	T60515.D	01/12/2022 03:39
MW-01_20220107 MS	460-250372-1 MS	T60516.D	01/12/2022 04:00
MW-01_20220107 MSD	460-250372-1 MSD	T60517.D	01/12/2022 04:22

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-250372-1  
SDG No.: \_\_\_\_\_  
Lab File ID: TT49384.D Lab Sample ID: MB 460-823456/8  
Matrix: Water Heated Purge: (Y/N) N  
Instrument ID: CVOAMS17 Date Analyzed: 01/14/2022 20:55  
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-823456/4	TT49380.D	01/14/2022 19:32
	LCSD 460-823456/5	TT49381.D	01/14/2022 19:53
MW-02_20220112	460-250694-1	TT49393.D	01/15/2022 00:01

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

Lab Name: Eurofins Edison Job No.: 460-250372-1  
SDG No.: \_\_\_\_\_  
Lab File ID: T56941a.D BFB Injection Date: 10/22/2021  
Instrument ID: CVOAMS15 BFB Injection Time: 07:28  
Analysis Batch No.: 808628

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	156.2
96	5 - 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	64.0
175	5 - 9% of m/z 174	7.8
176	95 -105% of m/z 174	97.4
177	5 - 10% of m/z 176	6.7

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
	STD8 460-808628/2	T56942.D	10/22/2021	7:50
	STD05 460-808628/3	T56943.D	10/22/2021	8:11
	STD1 460-808628/4	T56944.D	10/22/2021	8:32
	STD5 460-808628/5	T56945.D	10/22/2021	8:53
	STD20 460-808628/6	T56946.D	10/22/2021	9:14
	STD50 460-808628/7	T56947.D	10/22/2021	9:36
	STD200 460-808628/8	T56948.D	10/22/2021	9:57
	STD500 460-808628/9	T56949.D	10/22/2021	10:18
	ICV 460-808628/13	T56953.D	10/22/2021	11:42



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

Lab Name: Eurofins Edison Job No.: 460-250372-1  
SDG No.: \_\_\_\_\_  
Lab File ID: TT49272.D BFB Injection Date: 01/11/2022  
Instrument ID: CVOAMS17 BFB Injection Time: 22:10  
Analysis Batch No.: 822855

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	133.3
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	75.0
175	5 - 9% of m/z 174	5.3
176	95 -105% of m/z 174	95.8
177	5 - 10% of m/z 176	6.7

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
	STD8 460-822855/3	TT49274.D	01/11/2022	23:00
	STD05 460-822855/4	TT49275.D	01/11/2022	23:21
	STD1 460-822855/5	TT49276.D	01/11/2022	23:42
	STD5 460-822855/6	TT49277.D	01/12/2022	0:03
	STD20 460-822855/7	TT49278.D	01/12/2022	0:24
	STD50 460-822855/8	TT49279.D	01/12/2022	0:44
	STD200 460-822855/9	TT49280.D	01/12/2022	1:05
	STD500 460-822855/10	TT49281.D	01/12/2022	1:26
	ICV 460-822855/15	TT49286.D	01/12/2022	3:10

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

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-808628/6 Date Analyzed: 10/22/2021 09:14  
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): T56946.D Heated Purge: (Y/N) N  
 Calibration ID: 87742

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	56202	1.51	362601	2.21	576179	3.11	
UPPER LIMIT	112404	2.01	725202	2.71	1152358	3.61	
LOWER LIMIT	28101	1.01	181301	1.71	288090	2.61	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-808628/13		51495	1.51	345257	2.21	570224	3.11

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-808628/6 Date Analyzed: 10/22/2021 09:14  
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): T56946.D Heated Purge: (Y/N) N  
 Calibration ID: 87742

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	40309	3.74	399196	6.50	180402	10.10	
UPPER LIMIT	80618	4.24	798392	7.00	360804	10.60	
LOWER LIMIT	20155	3.24	199598	6.00	90201	9.60	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-808628/13		38720	3.74	398462	6.50	178676	10.10

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-822812/3 Date Analyzed: 01/11/2022 17:44  
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): T60487.D Heated Purge: (Y/N) N  
 Calibration ID: 87742

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	37633	1.52	260900	2.22	504769	3.11	
UPPER LIMIT	75266	2.02	521800	2.72	1009538	3.61	
LOWER LIMIT	18817	1.02	130450	1.72	252385	2.61	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-822812/4		36358	1.52	252535	2.21	511188	3.11
MB 460-822812/8		27932	1.52	217123	2.21	485627	3.11
460-250372-3	TB_20220107	26537	1.52	198186	2.21	473524	3.11
460-250372-4	FB_20220107	25728	1.52	190309	2.21	464205	3.11
460-250372-1	MW-01_20220107	27030	1.52	204576	2.21	484000	3.11
460-250372-2	MW-X_20220107	27281	1.52	200255	2.21	480847	3.11
460-250372-5	MW-03_20220107	26773	1.52	198780	2.21	454981	3.11
460-250372-1 MS	MW-01_20220107 MS	31613	1.52	235445	2.21	501587	3.11
460-250372-1 MSD	MW-01_20220107 MSD	31616	1.52	235920	2.22	500145	3.11

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-822812/3 Date Analyzed: 01/11/2022 17:44  
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): T60487.D Heated Purge: (Y/N) N  
 Calibration ID: 87742

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	29438	3.74	364310	6.49	178737	10.09	
UPPER LIMIT	58876	4.24	728620	6.99	357474	10.59	
LOWER LIMIT	14719	3.24	182155	5.99	89369	9.59	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-822812/4		29451	3.74	370362	6.49	181239	10.10
MB 460-822812/8		24335	3.74	360288	6.49	179294	10.09
460-250372-3	TB_20220107	24189	3.74	357790	6.49	183732	10.10
460-250372-4	FB_20220107	23973	3.74	355025	6.49	180330	10.09
460-250372-1	MW-01_20220107	25077	3.74	362054	6.49	184850	10.09
460-250372-2	MW-X_20220107	24291	3.74	360503	6.49	182762	10.09
460-250372-5	MW-03_20220107	22500	3.74	352922	6.49	182212	10.09
460-250372-1 MS	MW-01_20220107 MS	27342	3.74	365012	6.49	181056	10.09
460-250372-1 MSD	MW-01_20220107 MSD	27417	3.74	364306	6.49	180258	10.09

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-822855/7 Date Analyzed: 01/12/2022 00:24  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT49278.D Heated Purge: (Y/N) N  
 Calibration ID: 88638

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	28915	2.74	323572	3.70	559173	4.74	
UPPER LIMIT	57830	3.24	647144	4.20	1118346	5.24	
LOWER LIMIT	14458	2.24	161786	3.20	279587	4.24	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-822855/15		34571	2.72	343171	3.70	566651	4.74

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-822855/7 Date Analyzed: 01/12/2022 00:24  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT49278.D Heated Purge: (Y/N) N  
 Calibration ID: 88638

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	14818	5.42	351927	8.09	191173	10.79
UPPER LIMIT	29636	5.92	703854	8.59	382346	11.29
LOWER LIMIT	7409	4.92	175964	7.59	95587	10.29
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-822855/15		16426	5.42	348790	8.09	178909

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-823456/3 Date Analyzed: 01/14/2022 19:11  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT49379.D Heated Purge: (Y/N) N  
 Calibration ID: 88638

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	56514	2.74	513985	3.70	724526	4.74	
UPPER LIMIT	113028	3.24	1027970	4.20	1449052	5.24	
LOWER LIMIT	28257	2.24	256993	3.20	362263	4.24	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-823456/4		55006	2.76	499729	3.71	711418	4.74
LCSD 460-823456/5		57213	2.74	487618	3.70	704757	4.74
MB 460-823456/8		39644	2.73	445717	3.70	672672	4.74
460-250694-1	MW-02_20220112	47767	2.74	411665	3.70	606351	4.74

TBAd9 = 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-823456/3 Date Analyzed: 01/14/2022 19:11  
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)  
 Lab File ID (Standard): TT49379.D Heated Purge: (Y/N) N  
 Calibration ID: 88638

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	25213	5.43	447575	8.09	223634	10.79	
UPPER LIMIT	50426	5.93	895150	8.59	447268	11.29	
LOWER LIMIT	12607	4.93	223788	7.59	111817	10.29	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-823456/4		24713	5.42	439443	8.09	223352	10.79
LCSD 460-823456/5		25880	5.42	435967	8.09	216682	10.79
MB 460-823456/8		22794	5.42	390071	8.09	211734	10.79
460-250694-1	MW-02_20220112	22190	5.42	347849	8.09	192531	10.79

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 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: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20220107 Lab Sample ID: 460-250372-1  
 Matrix: Water Lab File ID: T60513.D  
 Analysis Method: 8260D Date Collected: 01/07/2022 10:50  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/12/2022 02:57  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.45	J	1.0	0.20
100-41-4	Ethylbenzene	3.5		1.0	0.30
98-82-8	Isopropylbenzene	1.0		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.33	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	3.5		1.0	0.30
91-20-3	Naphthalene	1.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.66	J	1.0	0.32
95-47-6	o-Xylene	4.5		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.59	J	1.0	0.38
1330-20-7	Xylenes, Total	8.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D  
 Lims ID: 460-250372-A-1  
 Client ID: MW-01\_20220107  
 Sample Type: Client  
 Inject. Date: 12-Jan-2022 02:57:09 ALS Bottle#: 0 Worklist Smp#: 29  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250372-A-1  
 Misc. Info.: 460-0140098-029  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 11:10:16 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1619

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:48:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	0.646	0.652	-0.006	98	102772	83.7	
13 Pentane	72	1.078	1.072	0.006	87	183	0.5344	
22 Acetone	43	1.286	1.292	-0.006	71	2899	5.36	
* 31 TBA-d9 (IS)	66	1.517	1.524	-0.007	0	27030	1000.0	
35 Methyl tert-butyl ether	73	1.645	1.646	-0.001	18	2341	0.3265	
36 Hexane	57	1.804	1.804	0.000	81	1242	0.4591	
* 42 2-Butanone-d5	46	2.212	2.219	-0.007	0	204576	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.584	-0.006	0	135824	55.4	
55 Cyclohexane	84	2.633	2.633	0.000	92	14990	4.36	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	150275	52.5	
60 Benzene	78	2.877	2.871	0.006	76	4986	0.4488	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	484000	50.0	
70 Methylcyclohexane	83	3.602	3.609	-0.007	86	20240	6.20	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	25077	1000.0	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	456317	46.8	
84 Toluene	91	4.767	4.761	0.006	82	6929	0.5943	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	362054	50.0	
97 Ethylbenzene	106	6.742	6.742	0.000	99	12724	3.47	
98 m-Xylene & p-Xylene	106	6.919	6.919	0.000	92	16007	3.52	
99 o-Xylene	106	7.480	7.480	0.000	91	19603	4.54	
104 Isopropylbenzene	105	8.077	8.077	0.000	88	10658	1.00	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	85	134769	52.7	
110 N-Propylbenzene	91	8.723	8.724	-0.001	93	9512	0.6575	
117 1,2,4-Trimethylbenzene	105	9.613	9.614	-0.001	55	3135	0.3392	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	184850	50.0	
122 4-Isopropyltoluene	119	10.180	10.181	-0.001	44	2278	0.2710	
123 1,2,3-Trimethylbenzene	105	10.272	10.272	0.000	65	2488	0.2672	
125 2,3-Dihydroindene	117	10.546	10.546	0.000	89	11815	1.34	
127 p-Diethylbenzene	119	10.827	10.827	0.000	48	1421	0.3336	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	88	6969	0.9692	
134 Naphthalene	128	12.979	12.979	0.000	96	8287	1.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
----------	-----	--------------	------------------	------------------	---	----------	-------------------	-------

S 137 Xylenes, Total

100

0

8.06

S 140 Total BTEX

1

0

12.6

**QC Flag Legend**

Processing Flags

**Reagents:**

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 29

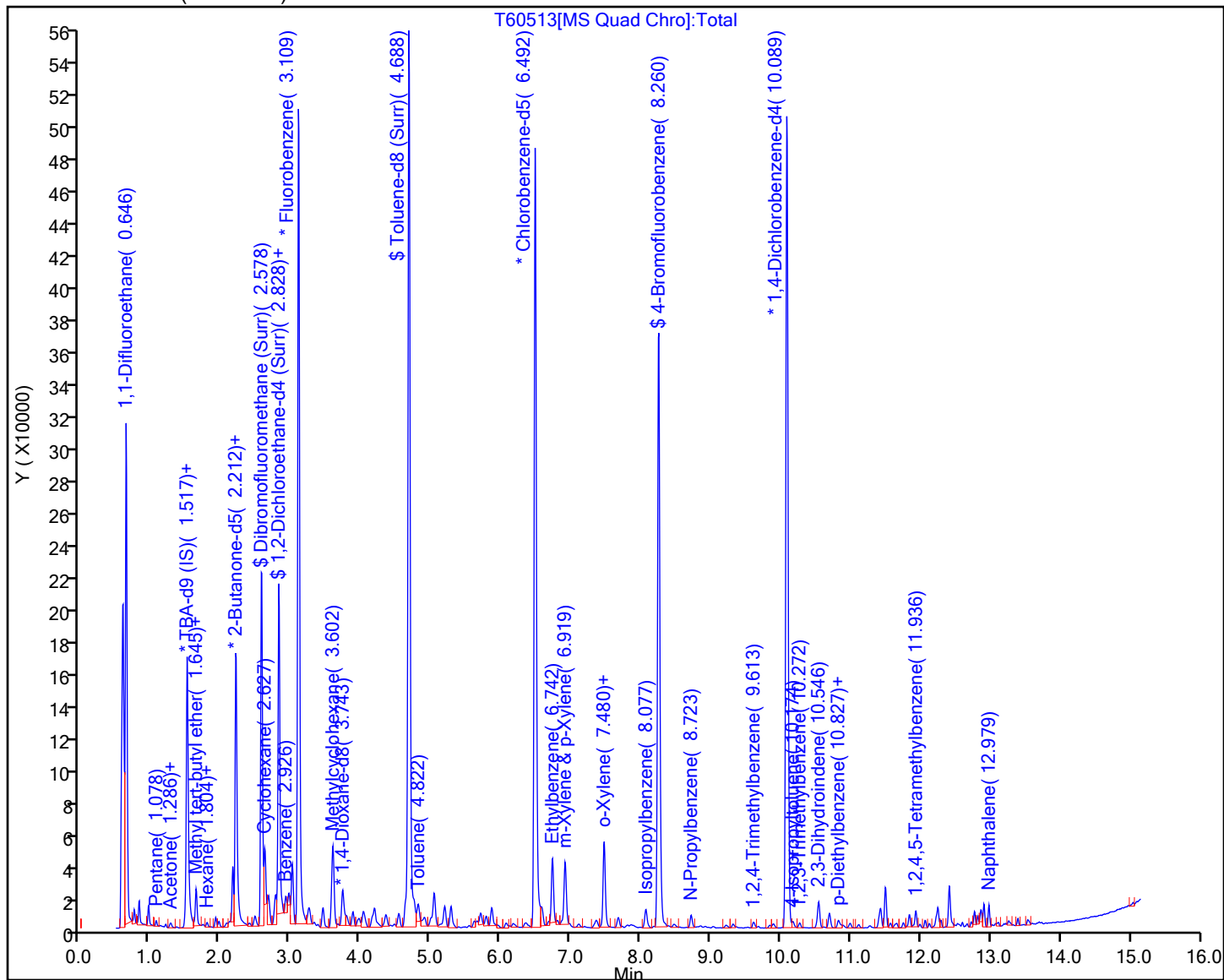
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

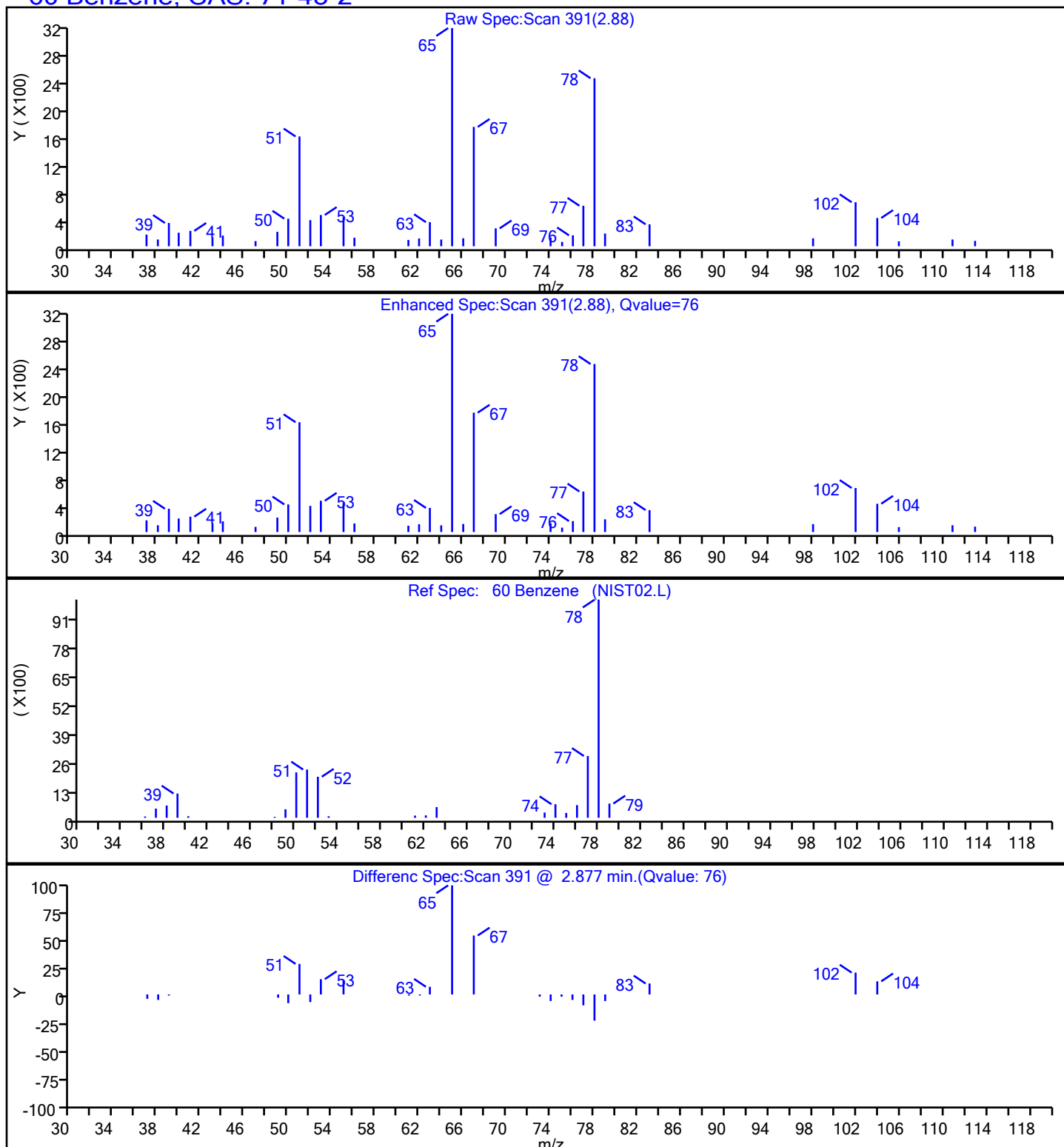
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**60 Benzene, CAS: 71-43-2**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 29

Purge Vol: 5.000 mL

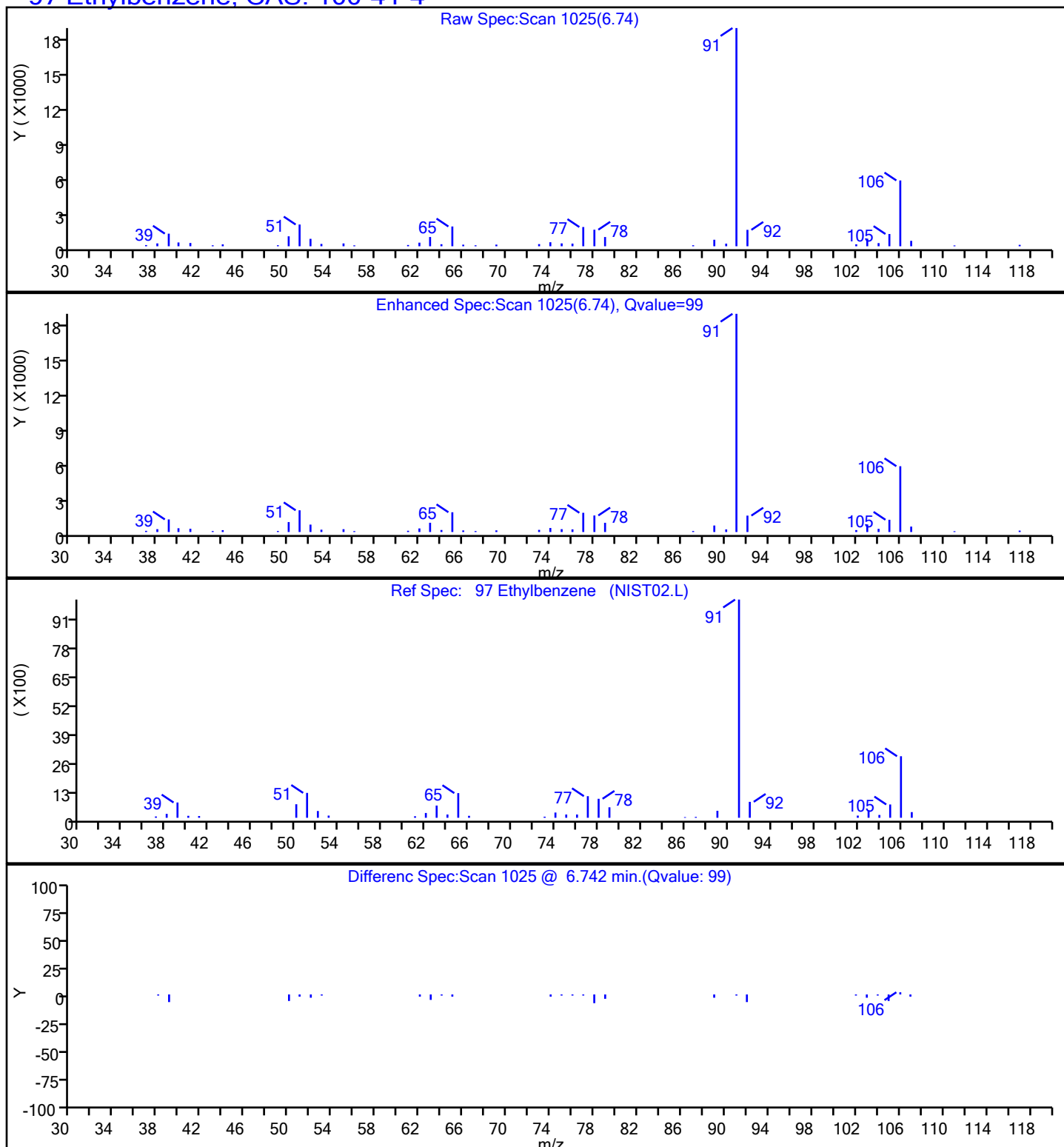
Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**97 Ethylbenzene, CAS: 100-41-4**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 29

Purge Vol: 5.000 mL

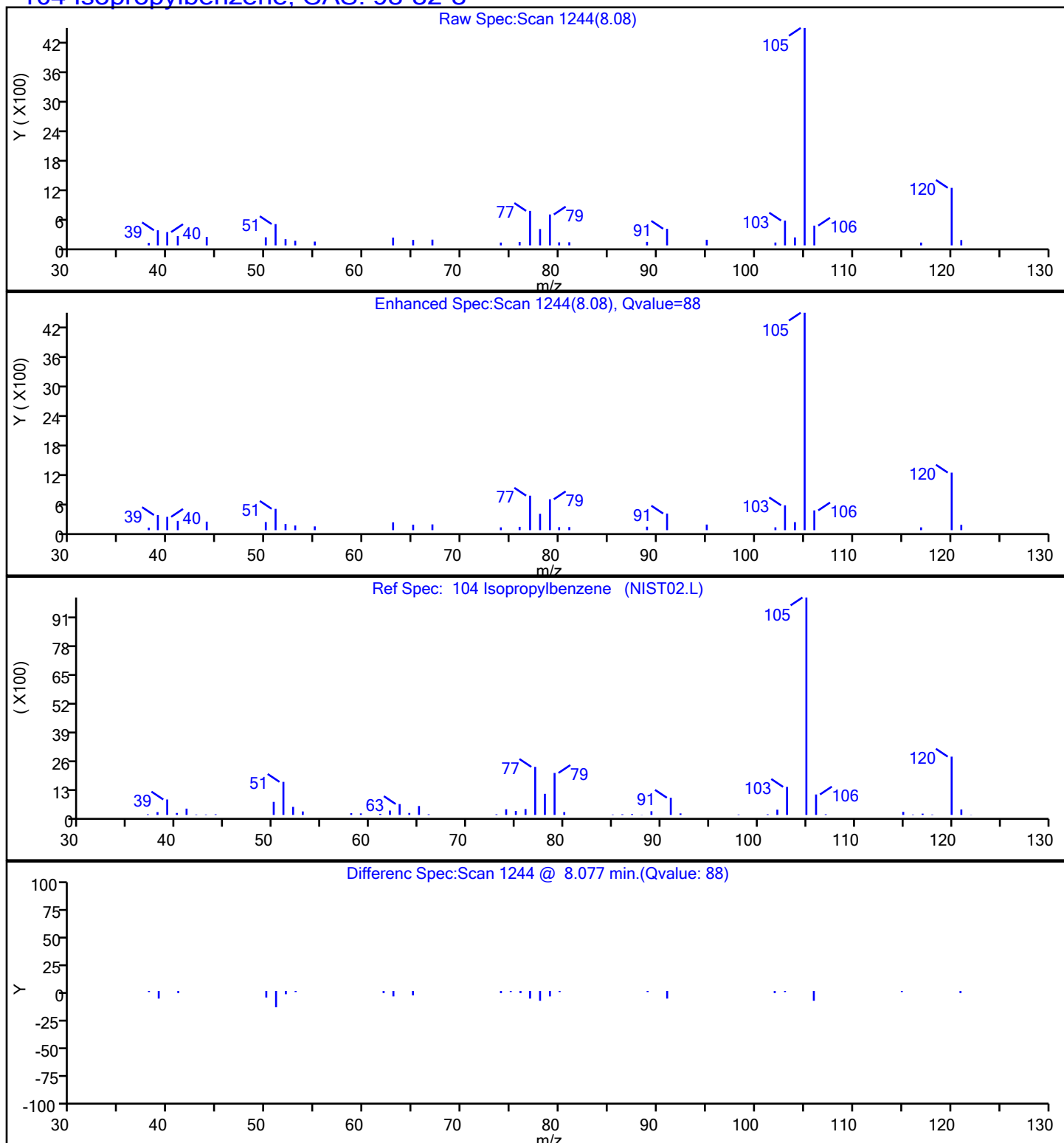
Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

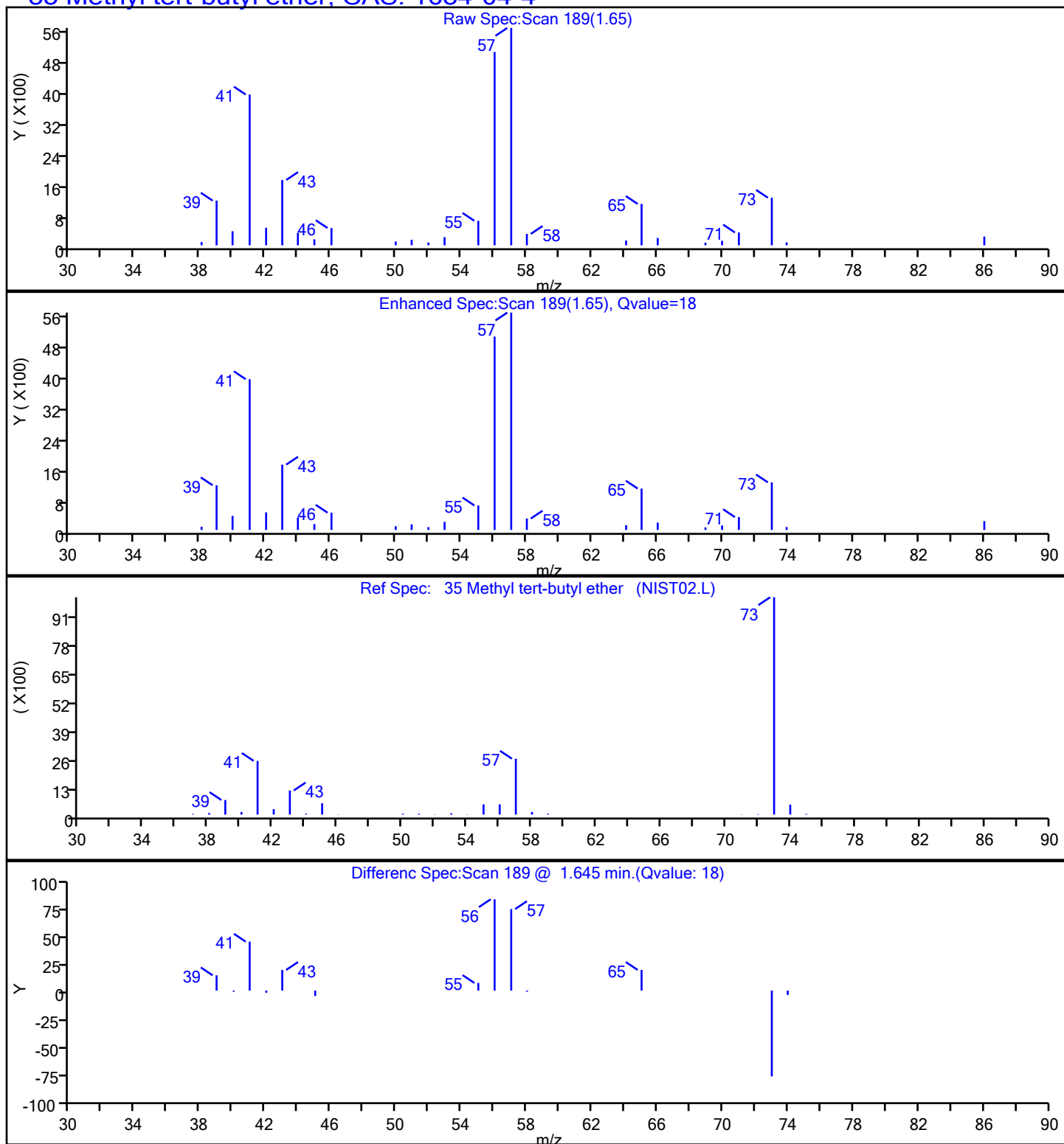
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**35 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

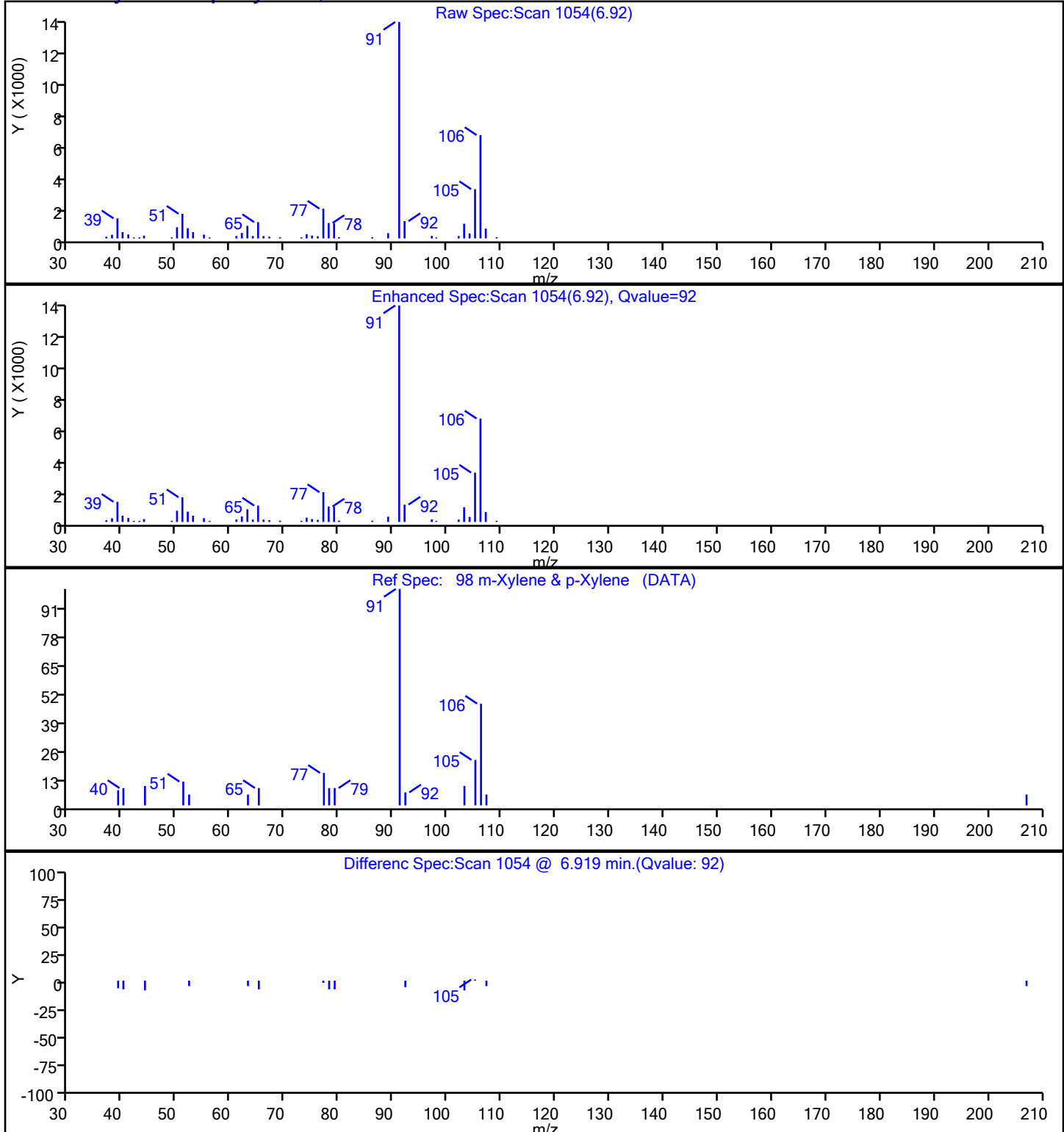
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 29

Purge Vol: 5.000 mL

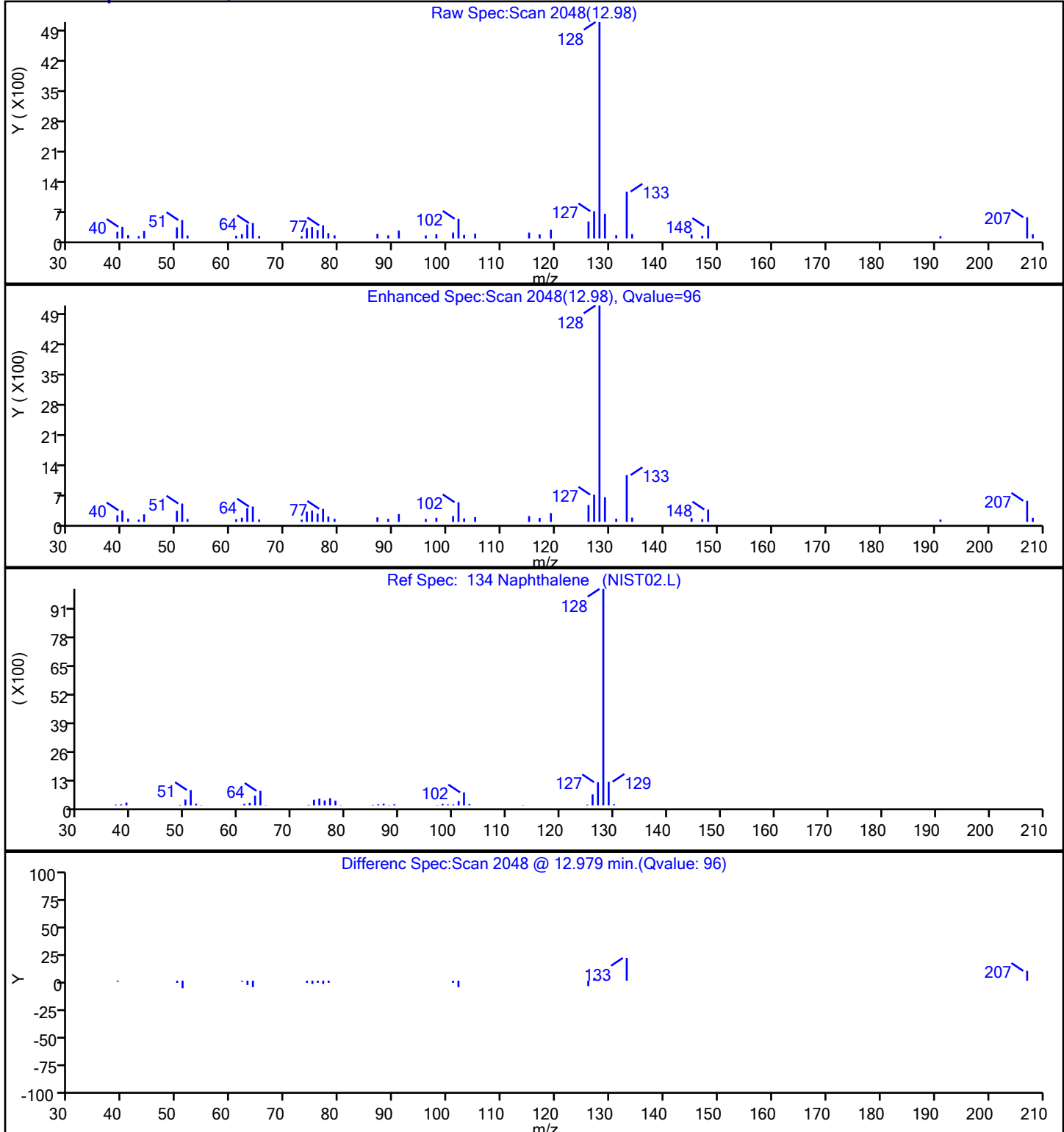
Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 29

Purge Vol: 5.000 mL

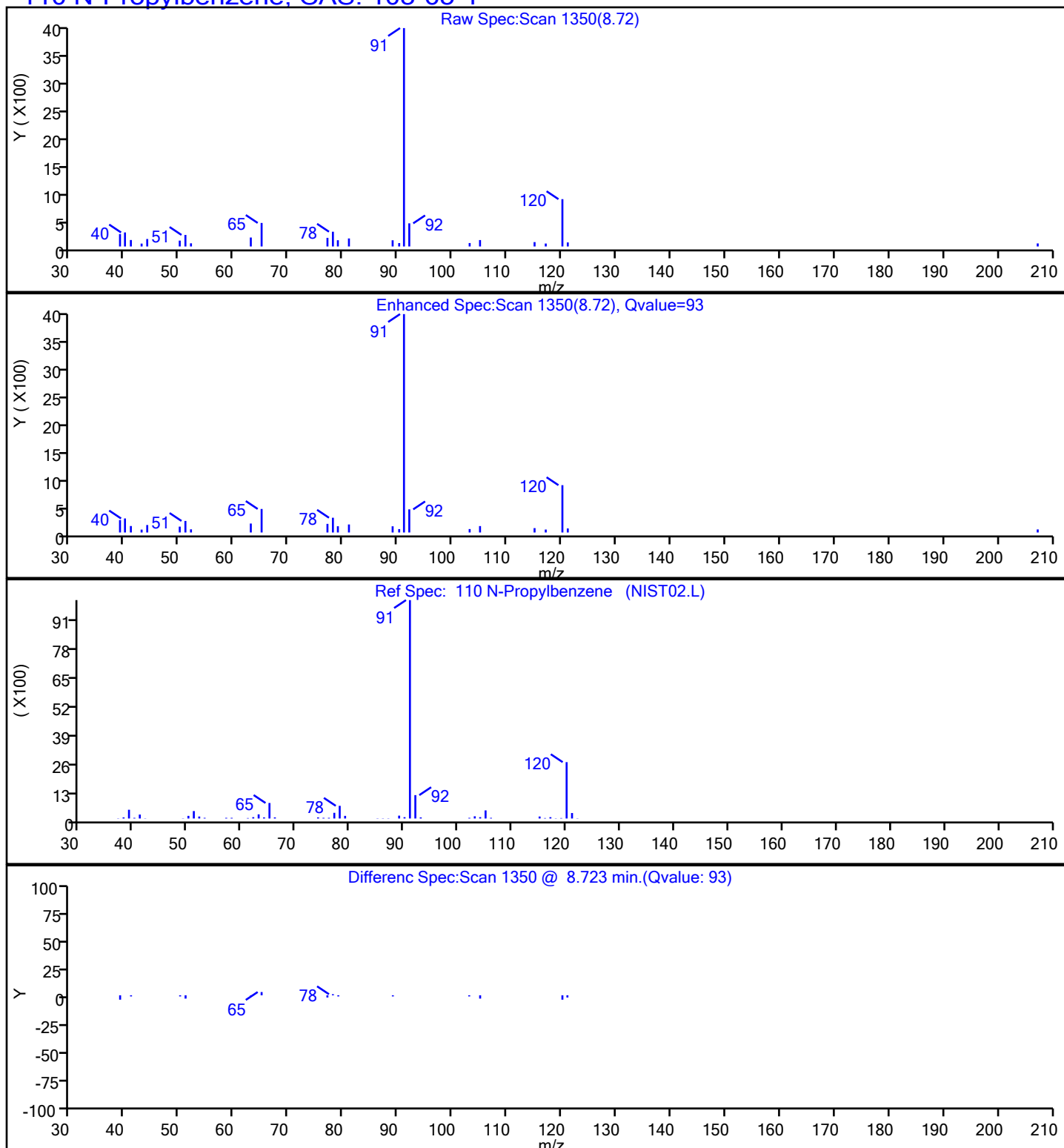
Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**110 N-Propylbenzene, CAS: 103-65-1**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

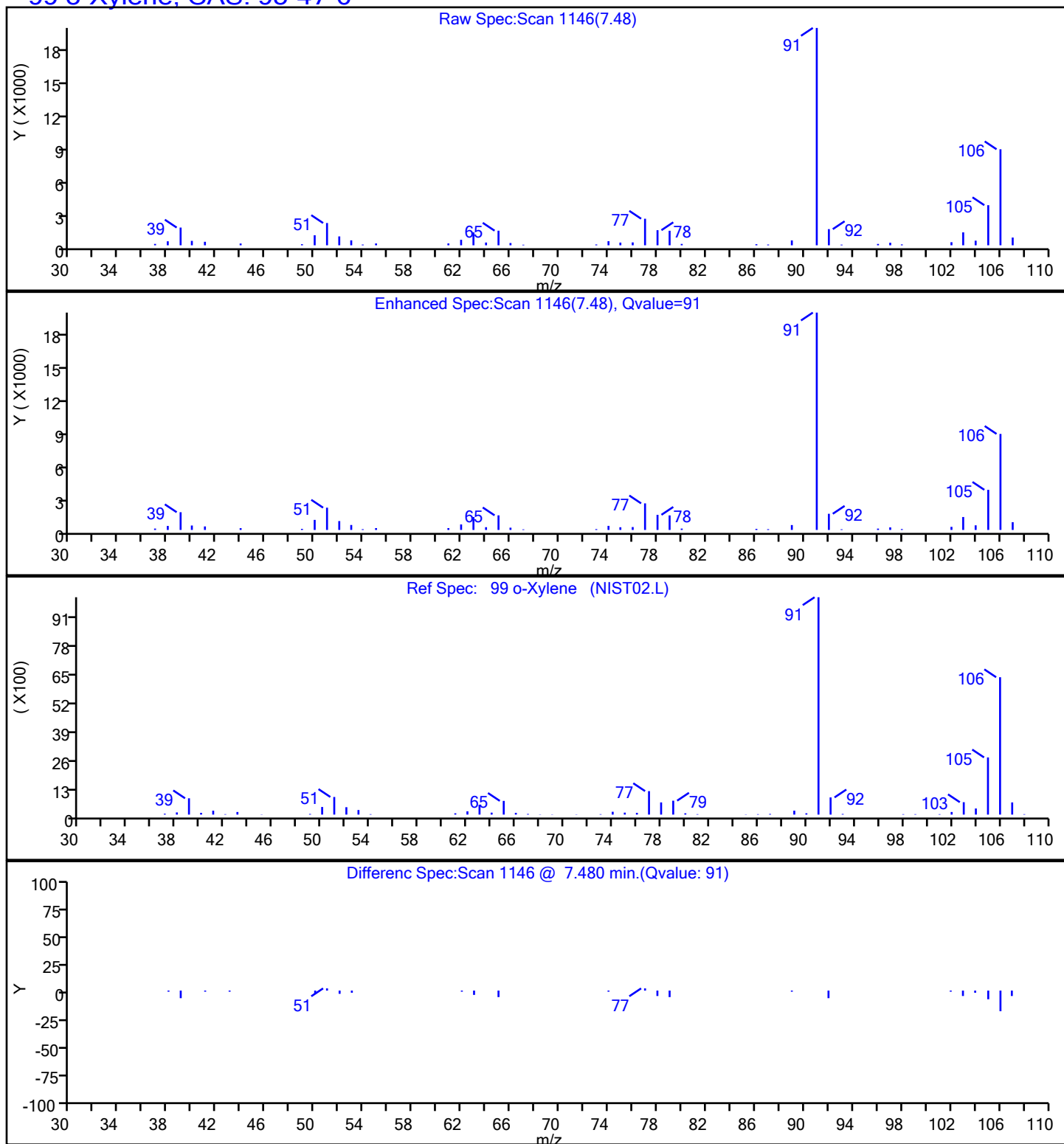
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**99 o-Xylene, CAS: 95-47-6**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60513.D

Injection Date: 12-Jan-2022 02:57:09

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1

Lab Sample ID: 460-250372-1

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

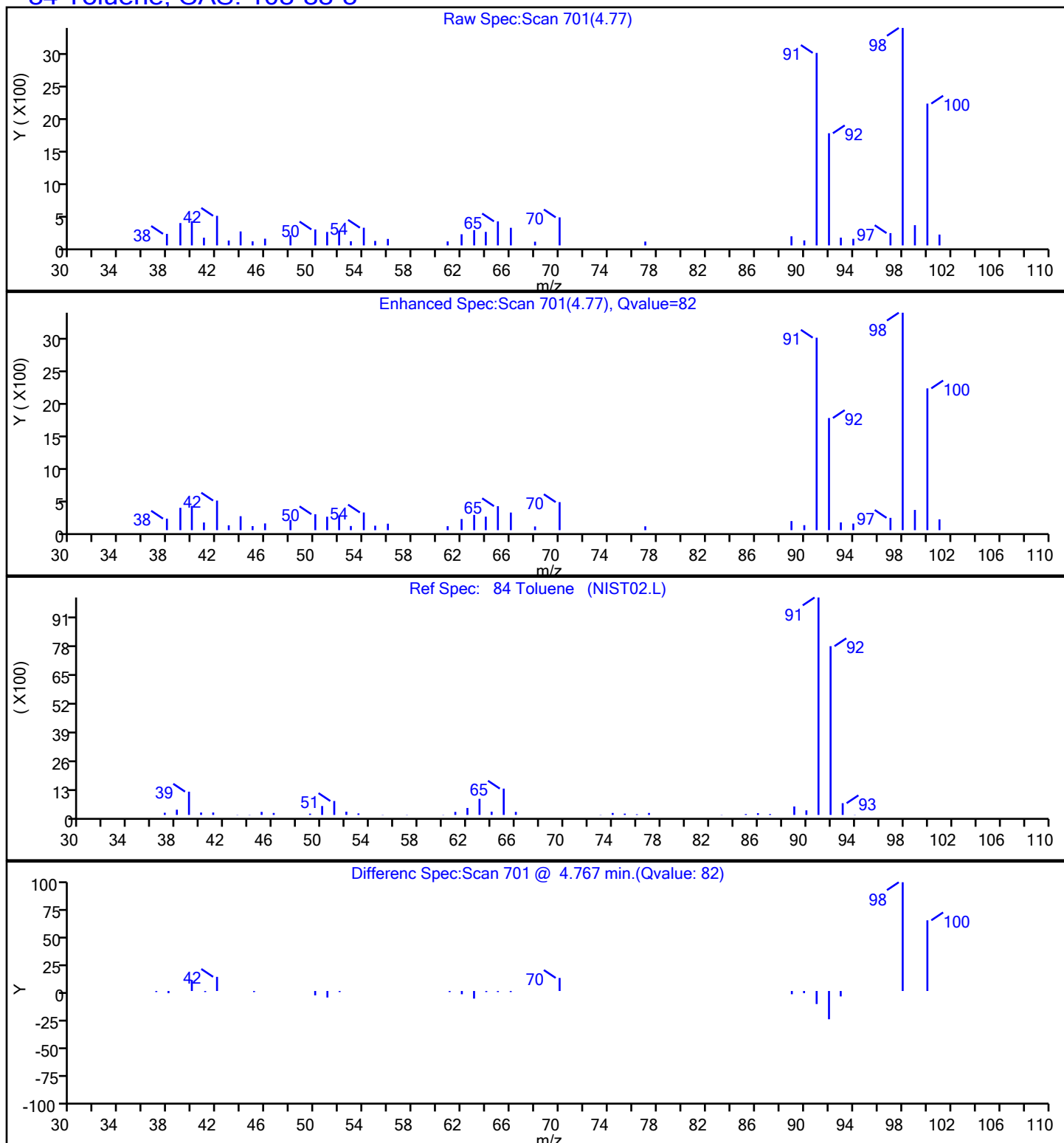
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**84 Toluene, CAS: 108-88-3**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-250372-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-X_20220107</u>	Lab Sample ID: <u>460-250372-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>T60514.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>01/07/2022 10:55</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>01/12/2022 03:18</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>822812</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.46	J	1.0	0.20
100-41-4	Ethylbenzene	3.8		1.0	0.30
98-82-8	Isopropylbenzene	1.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.35	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	3.9		1.0	0.30
91-20-3	Naphthalene	1.3		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.70	J	1.0	0.32
95-47-6	o-Xylene	4.9		1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.64	J	1.0	0.38
1330-20-7	Xylenes, Total	8.8		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D  
 Lims ID: 460-250372-A-2  
 Client ID: MW-X\_20220107  
 Sample Type: Client  
 Inject. Date: 12-Jan-2022 03:18:24 ALS Bottle#: 0 Worklist Smp#: 30  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250372-A-2  
 Misc. Info.: 460-0140098-030  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 11:10:16 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1619

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:49:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.524	-0.007	0	27281	1000.0	
35 Methyl tert-butyl ether	73	1.645	1.646	-0.001	13	2511	0.3525	
* 42 2-Butanone-d5	46	2.212	2.219	-0.007	0	200255	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	0	135254	55.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	151775	53.4	
60 Benzene	78	2.877	2.871	0.006	78	5102	0.4612	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	480847	50.0	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	24291	1000.0	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	454463	46.8	
84 Toluene	91	4.767	4.761	0.006	89	7405	0.6378	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	360503	50.0	
97 Ethylbenzene	106	6.742	6.742	0.000	99	13789	3.78	
98 m-Xylene & p-Xylene	106	6.919	6.919	0.000	97	17750	3.92	
99 o-Xylene	106	7.480	7.480	0.000	92	20882	4.86	
104 Isopropylbenzene	105	8.077	8.077	0.000	89	11433	1.08	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	132420	52.0	
110 N-Propylbenzene	91	8.723	8.724	-0.001	93	10053	0.7028	
117 1,2,4-Trimethylbenzene	105	9.614	9.614	0.000	55	3174	0.3474	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	182762	50.0	
122 4-Isopropyltoluene	119	10.181	10.181	-0.001	46	2587	0.3113	
134 Naphthalene	128	12.979	12.979	0.000	97	9231	1.26	
S 137 Xylenes, Total	100				0		8.78	

## QC Flag Legend

Processing Flags

## Reagents:

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 30

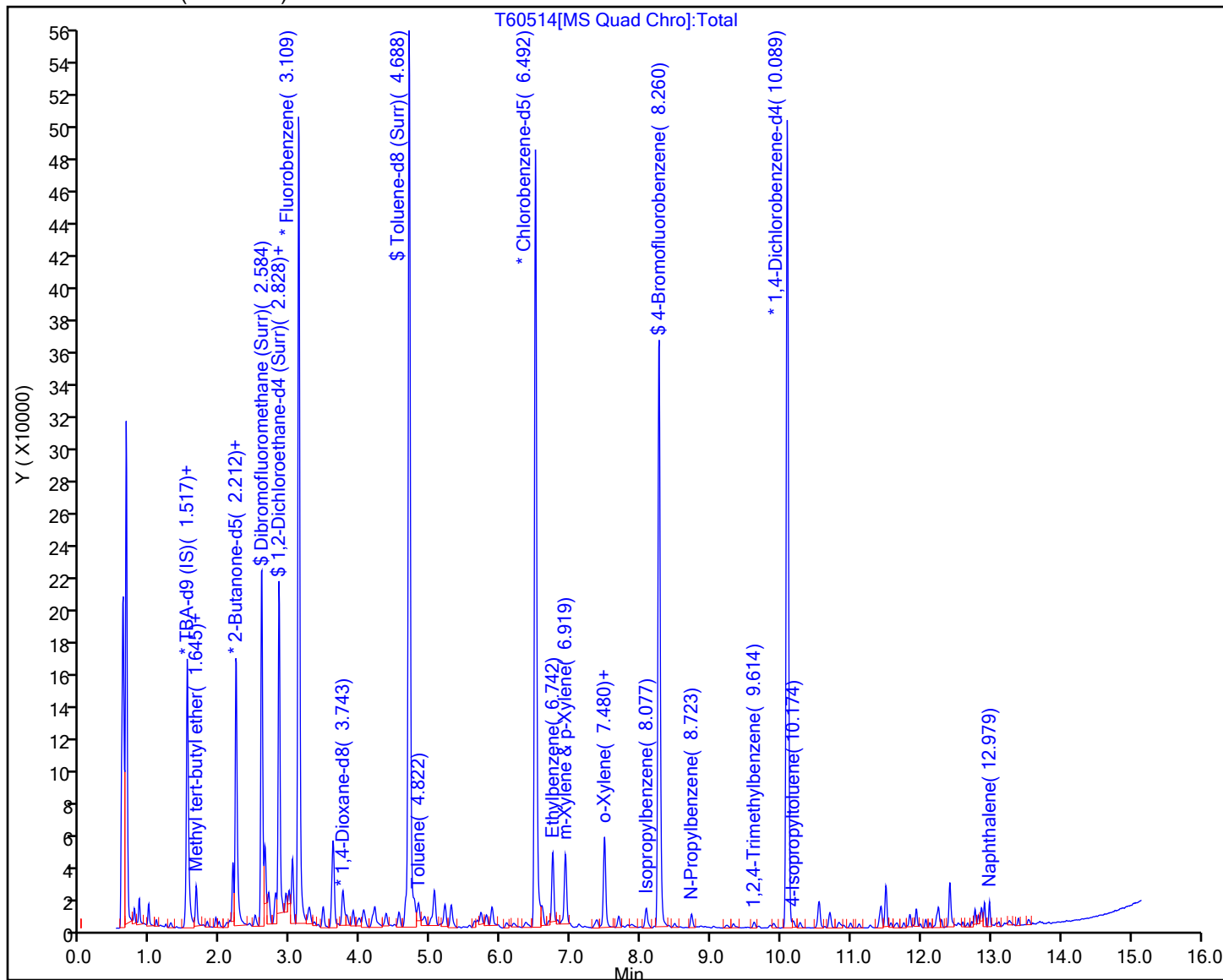
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

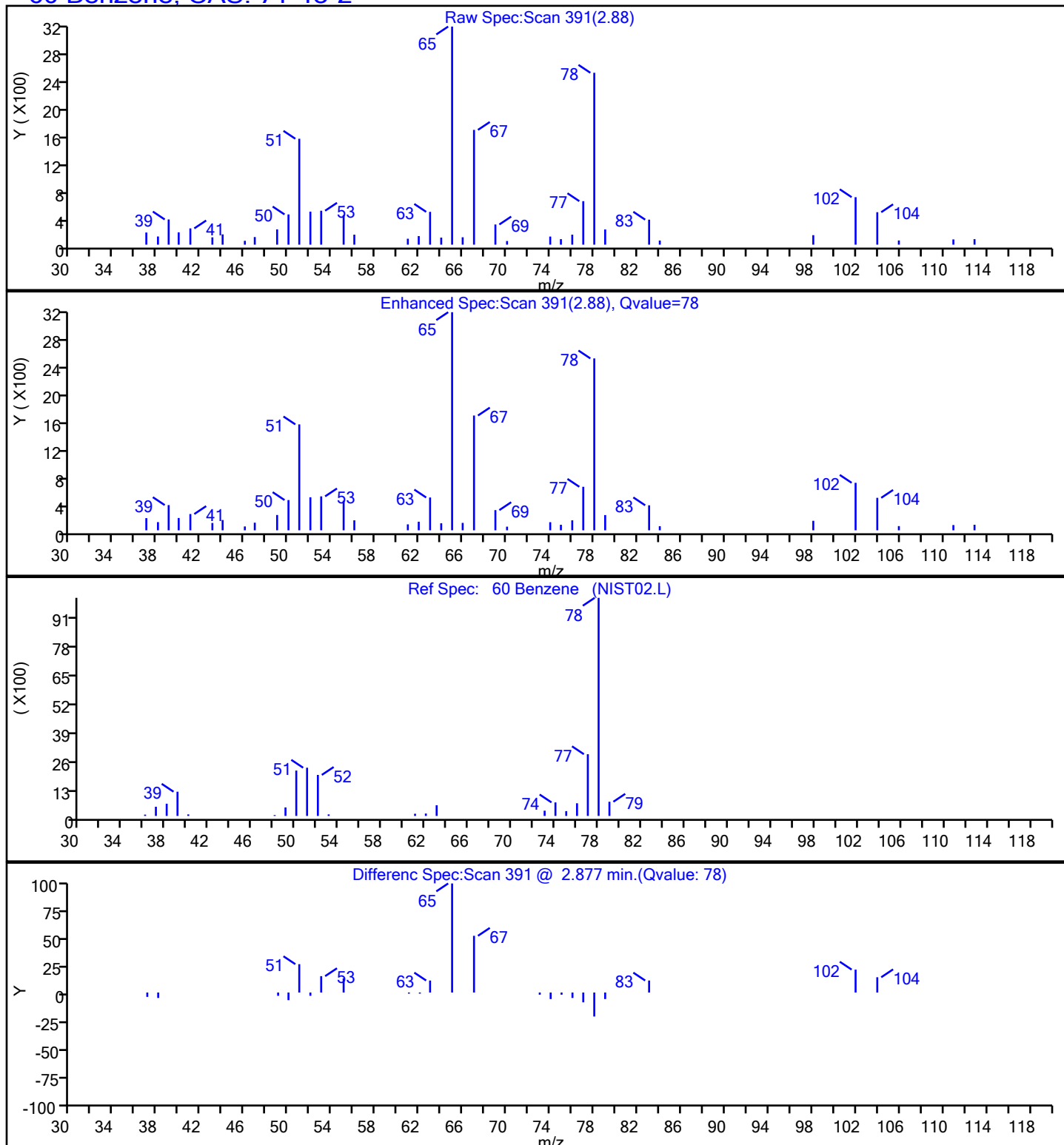
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**60 Benzene, CAS: 71-43-2**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

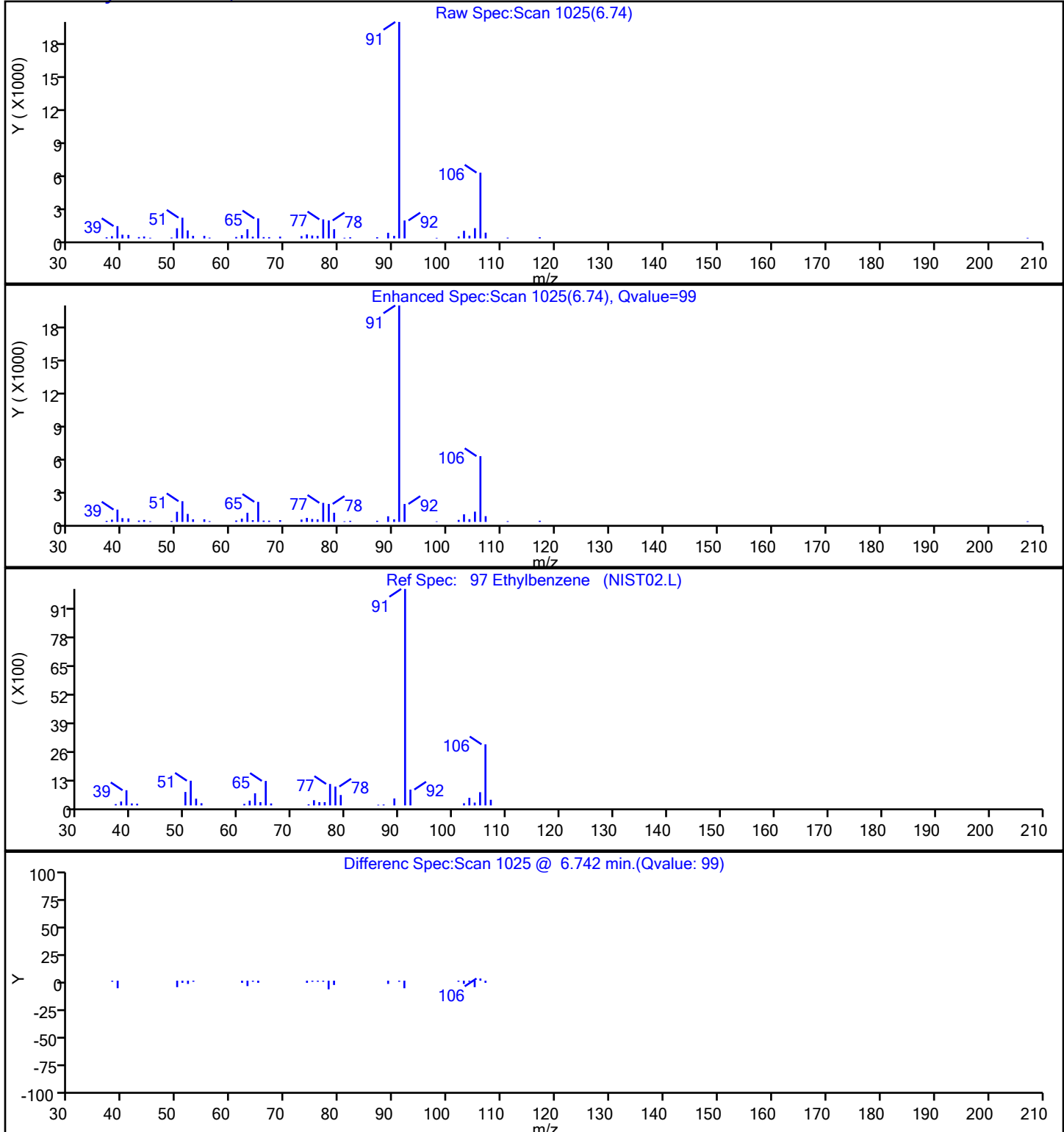
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**97 Ethylbenzene, CAS: 100-41-4**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

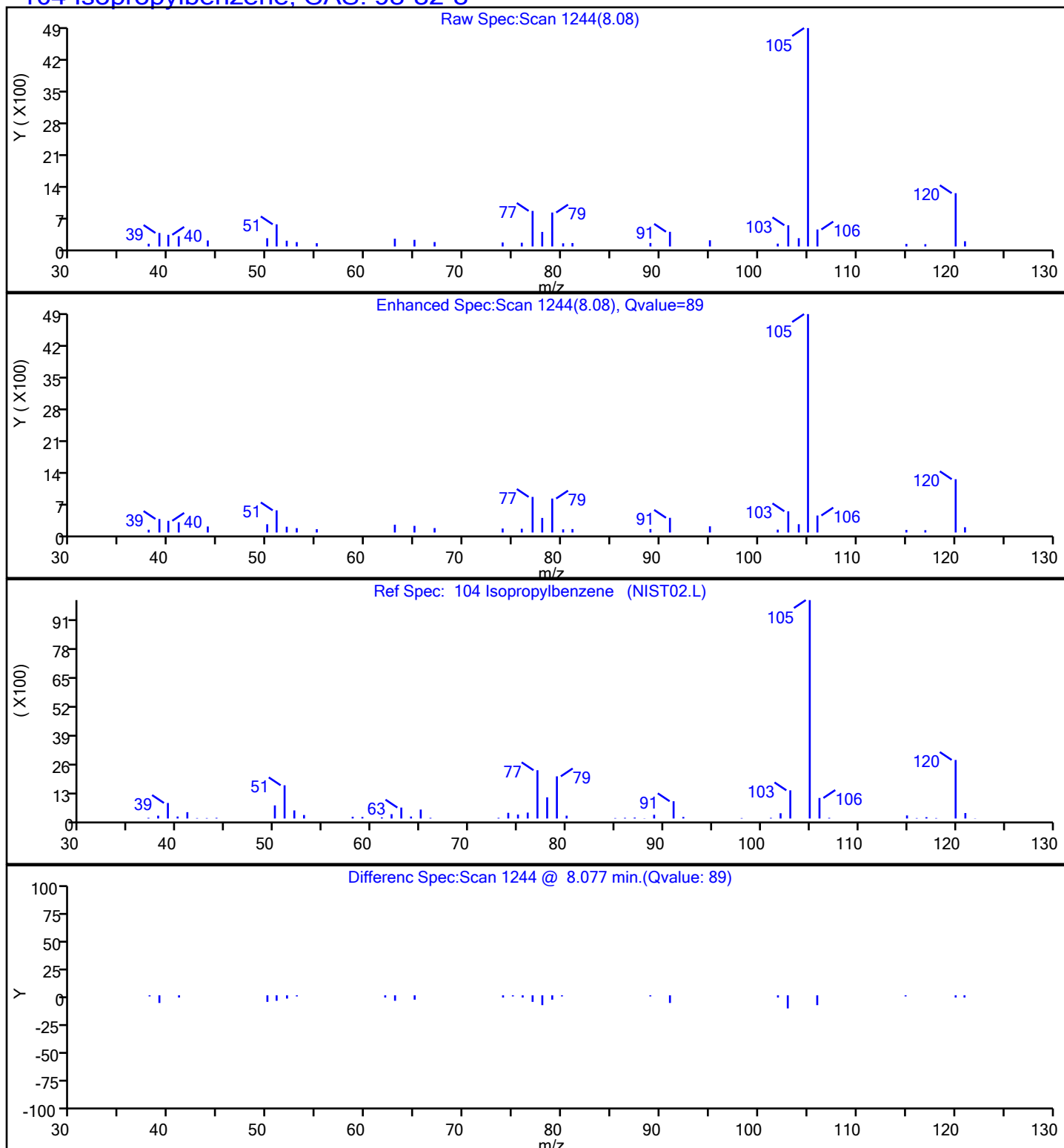
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

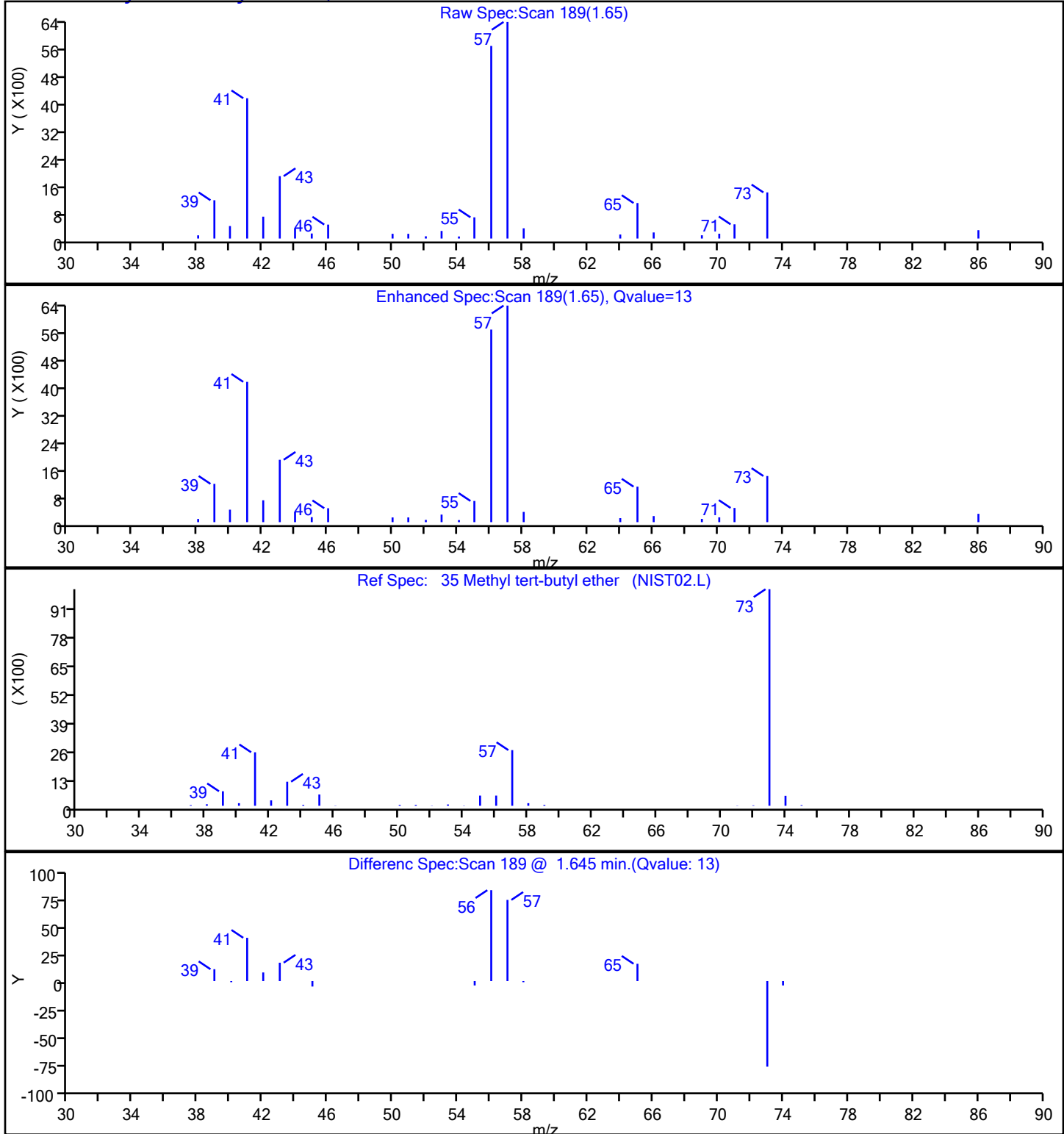
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**35 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

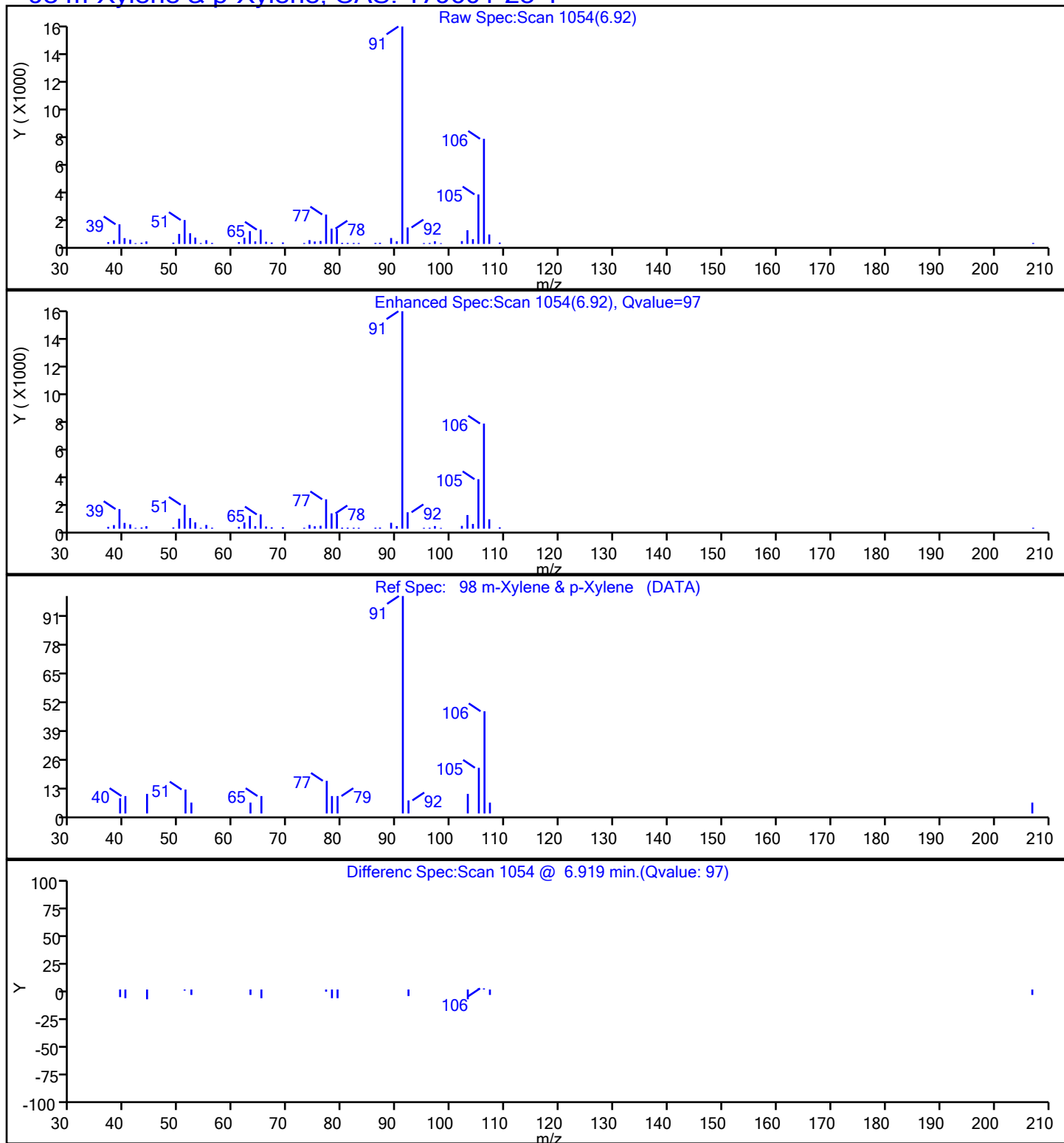
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

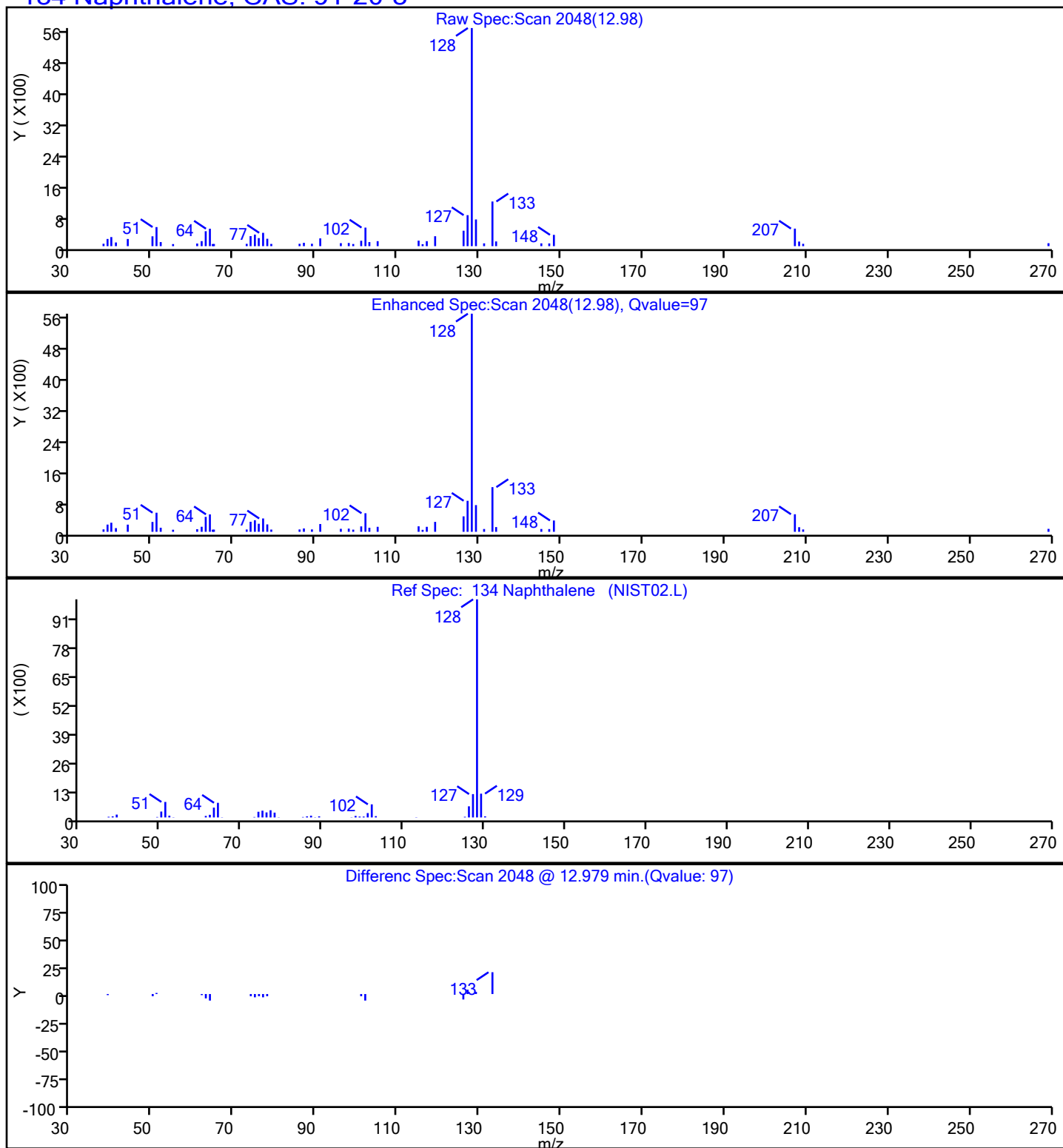
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

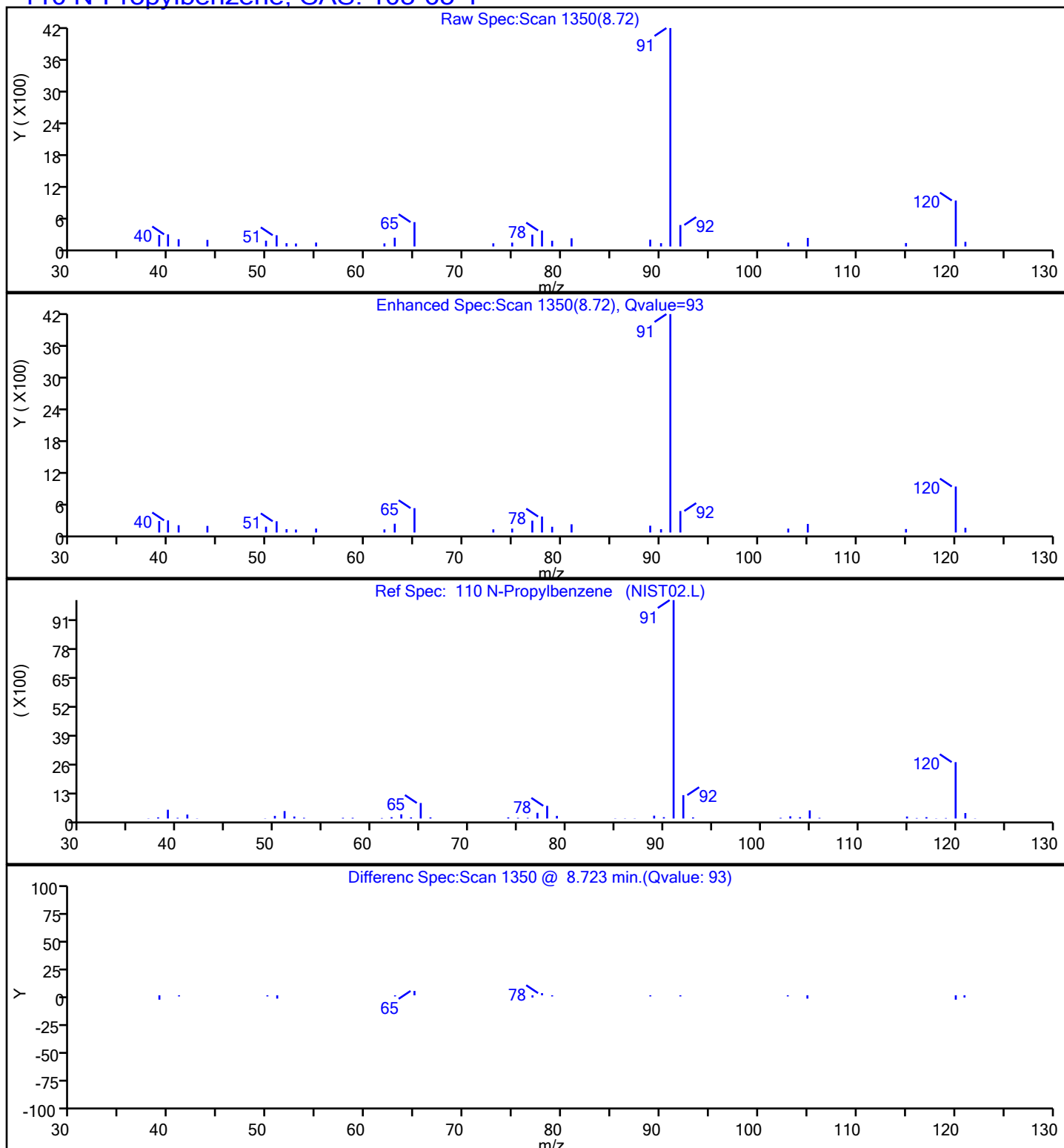
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**110 N-Propylbenzene, CAS: 103-65-1**



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

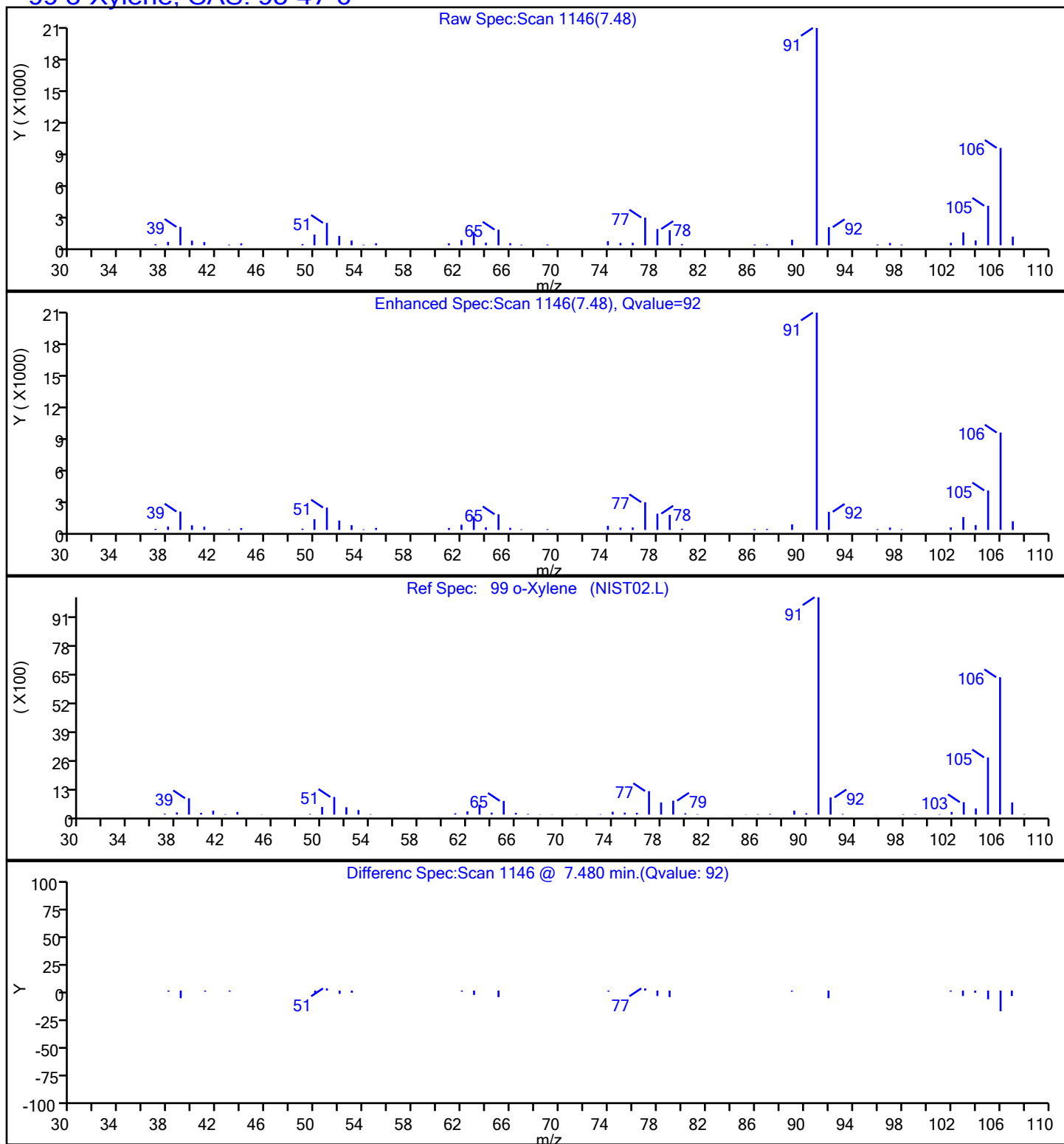
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**99 o-Xylene, CAS: 95-47-6**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60514.D

Injection Date: 12-Jan-2022 03:18:24

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-2

Lab Sample ID: 460-250372-2

Client ID: MW-X\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

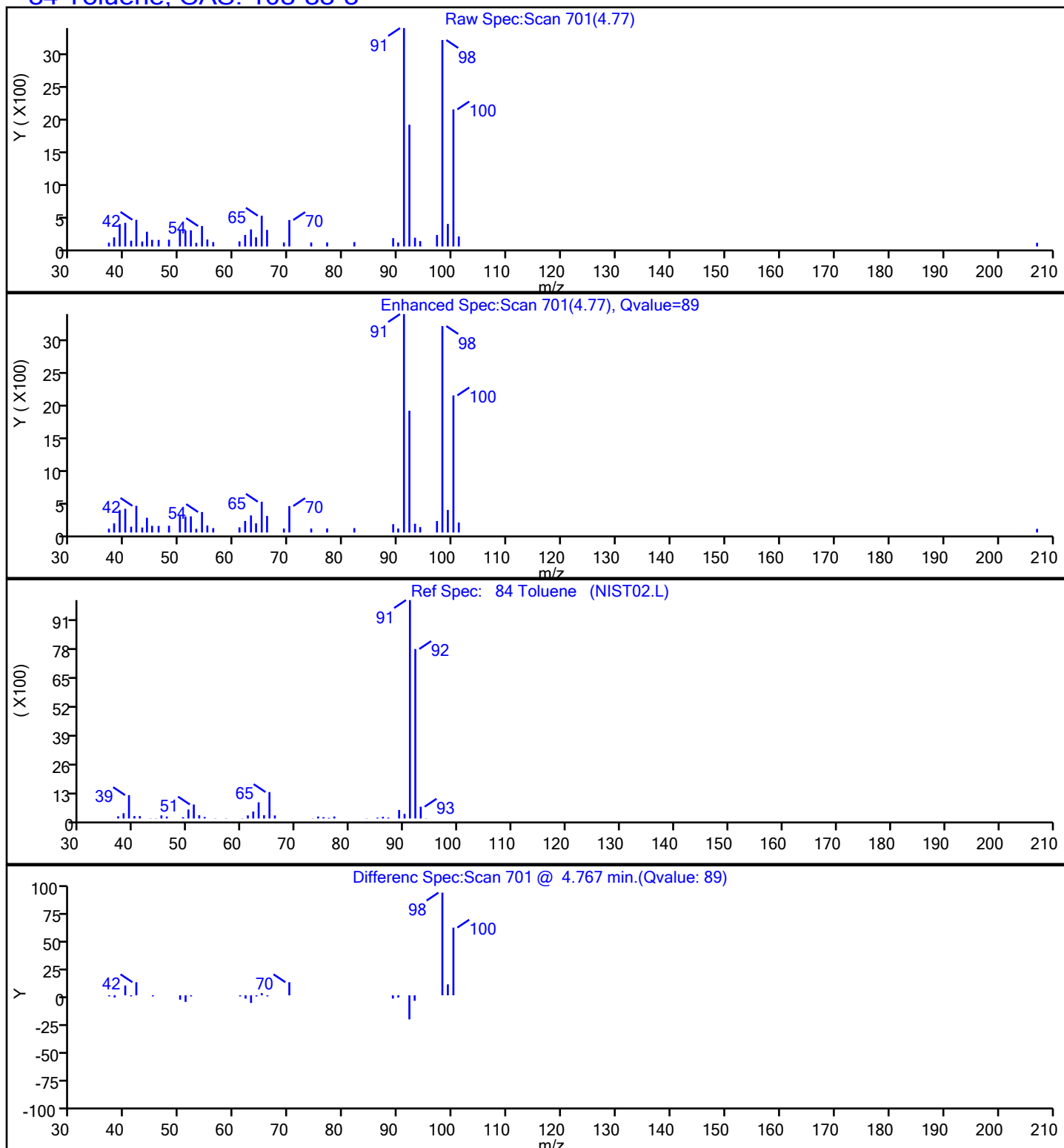
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**84 Toluene, CAS: 108-88-3**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-250372-1</u>
SDG No.: _____	
Client Sample ID: <u>TB_20220107</u>	Lab Sample ID: <u>460-250372-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>T60511.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>01/07/2022 13:20</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>01/12/2022 02:14</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>822812</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		75-123
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	113		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60511.D  
 Lims ID: 460-250372-A-3  
 Client ID: TB\_20220107  
 Sample Type: Client  
 Inject. Date: 12-Jan-2022 02:14:40 ALS Bottle#: 0 Worklist Smp#: 27  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250372-A-3  
 Misc. Info.: 460-0140098-027  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 06:50:35 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1629

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:47:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.524	-0.007	0	26537	1000.0	
* 42 2-Butanone-d5	46	2.212	2.213	-0.001	0	198186	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	2.584	2.578	0.006	0	136040	56.7	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	156655	56.0	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	473524	50.0	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	24189	1000.0	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	447013	46.4	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	357790	50.0	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	135242	53.5	
* 120 1,4-Dichlorobenzene-d4	152	10.095	10.089	0.006	0	183732	50.0	

**QC Flag Legend**

Processing Flags

**Reagents:**

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60511.D

Injection Date: 12-Jan-2022 02:14:40

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-3

Lab Sample ID: 460-250372-3

Client ID: TB\_20220107

Operator ID:

ALS Bottle#:

Worklist Smp#: 27

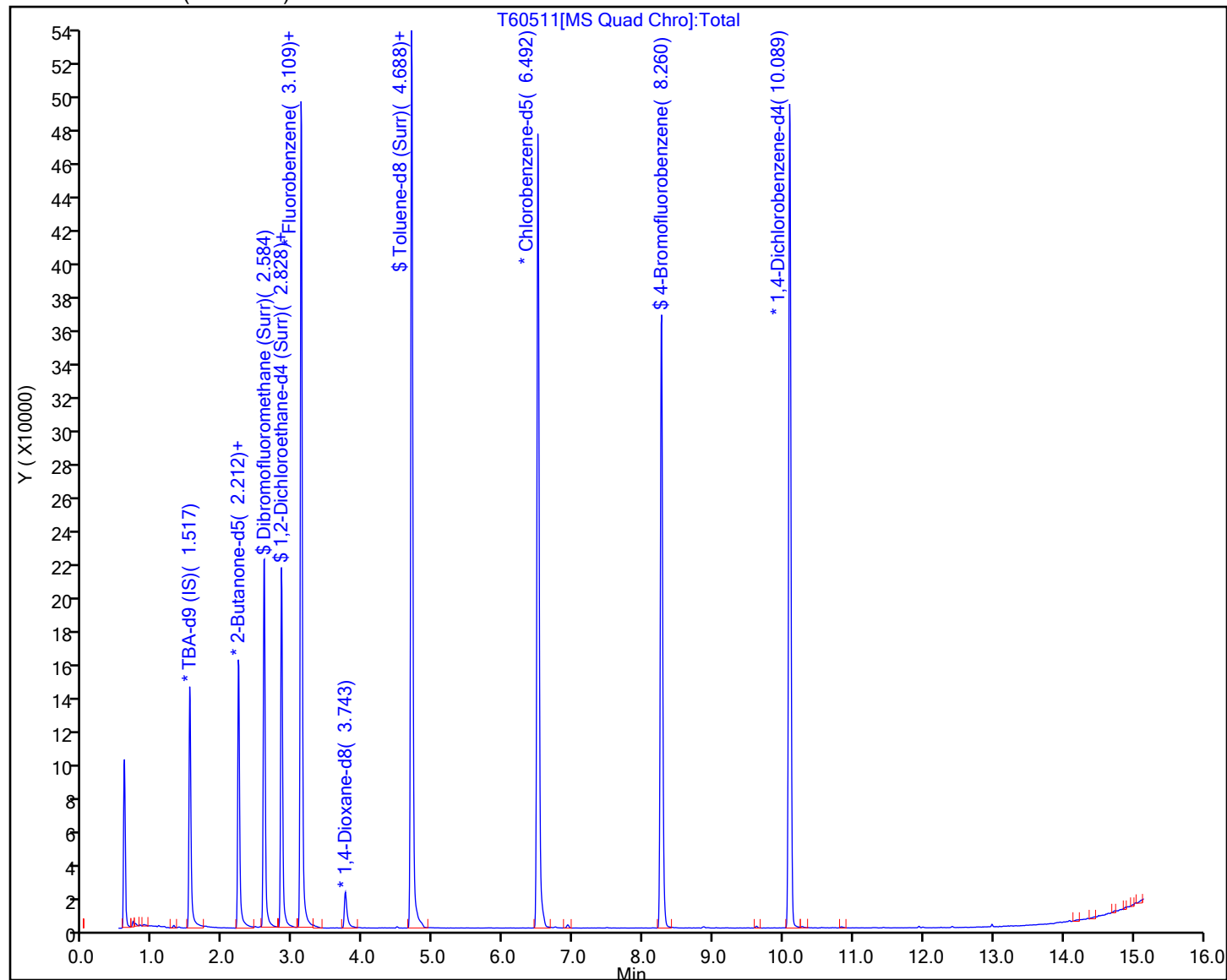
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: FB\_20220107 Lab Sample ID: 460-250372-4  
 Matrix: Water Lab File ID: T60512.D  
 Analysis Method: 8260D Date Collected: 01/07/2022 11:30  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/12/2022 02:35  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	114		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60512.D  
 Lims ID: 460-250372-B-4  
 Client ID: FB\_20220107  
 Sample Type: Client  
 Inject. Date: 12-Jan-2022 02:35:55 ALS Bottle#: 0 Worklist Smp#: 28  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250372-B-4  
 Misc. Info.: 460-0140098-028  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 06:50:35 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1629

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:47:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.524	-0.007	0	25728	1000.0	
* 42 2-Butanone-d5	46	2.212	2.213	-0.001	0	190309	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.578	0.000	0	134494	57.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	152064	55.4	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	464205	50.0	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	23973	1000.0	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	439761	46.0	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	355025	50.0	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	132044	52.7	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	180330	50.0	

**QC Flag Legend**

Processing Flags

**Reagents:**

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60512.D

Injection Date: 12-Jan-2022 02:35:55

Instrument ID: CVOAMS15

Lims ID: 460-250372-B-4

Lab Sample ID: 460-250372-4

Client ID: FB\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

28

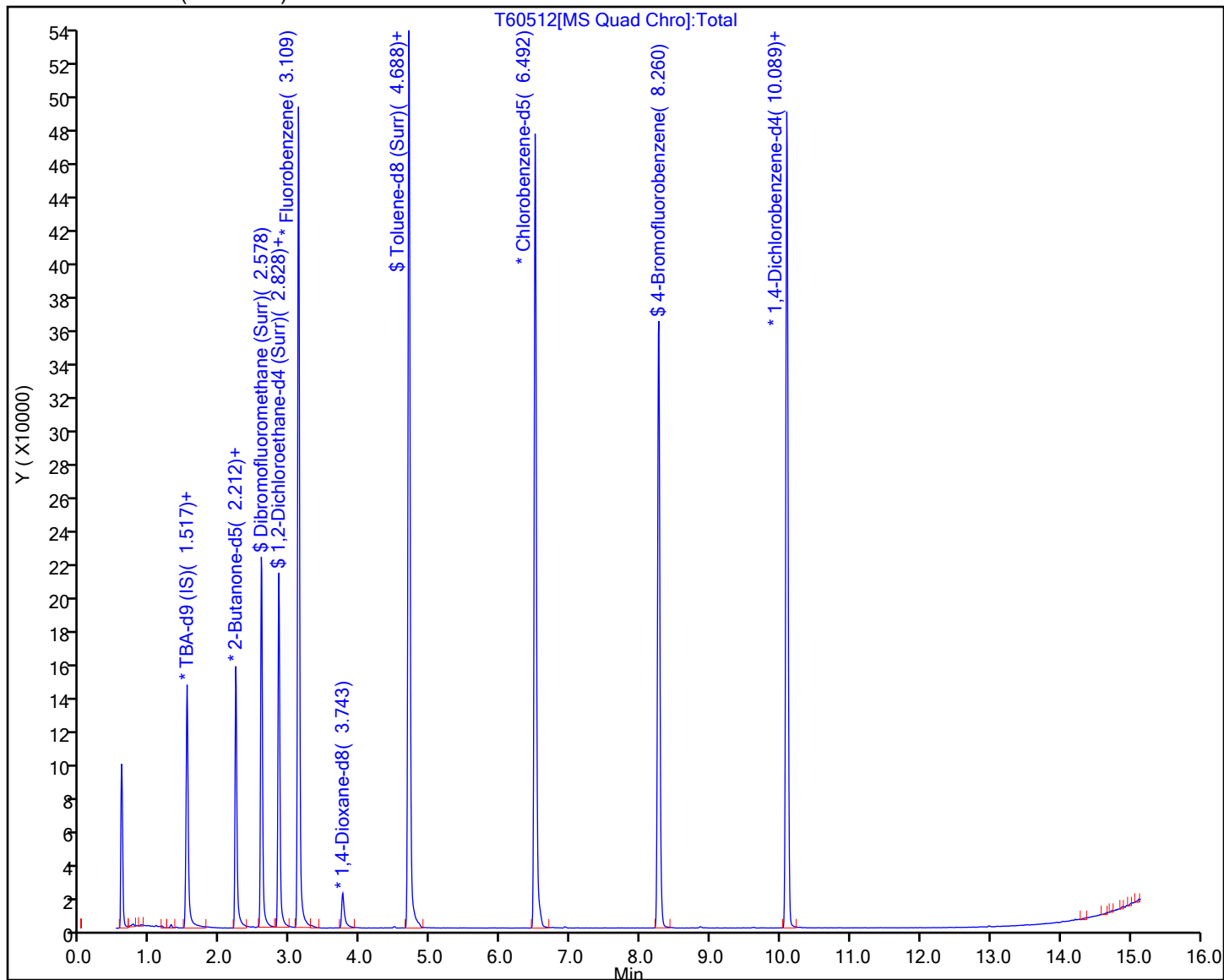
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)





FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-03\_20220107 Lab Sample ID: 460-250372-5  
 Matrix: Water Lab File ID: T60515.D  
 Analysis Method: 8260D Date Collected: 01/07/2022 13:20  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/12/2022 03:39  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.39	J	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	15		1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.55	J	1.0	0.30
91-20-3	Naphthalene	1.1		1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.42	J	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.59	J	1.0	0.38
1330-20-7	Xylenes, Total	0.97	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	116		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D  
 Lims ID: 460-250372-C-5  
 Client ID: MW-03\_20220107  
 Sample Type: Client  
 Inject. Date: 12-Jan-2022 03:39:42 ALS Bottle#: 0 Worklist Smp#: 31  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250372-C-5  
 Misc. Info.: 460-0140098-031  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 11:10:16 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1619

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:49:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.524	-0.007	0	26773	1000.0	
* 42 2-Butanone-d5	46	2.212	2.219	-0.007	0	198780	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.584	-0.006	0	133188	57.8	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	153336	57.0	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	454981	50.0	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	22500	1000.0	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	437201	46.0	
84 Toluene	91	4.767	4.761	0.006	81	6761	0.5949	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	352922	50.0	
98 m-Xylene & p-Xylene	106	6.919	6.919	0.000	93	2419	0.5459	
99 o-Xylene	106	7.480	7.480	0.000	79	1784	0.4241	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	132225	53.0	
117 1,2,4-Trimethylbenzene	105	9.614	9.614	0.000	57	3550	0.3897	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	182212	50.0	
122 4-Isopropyltoluene	119	10.180	10.181	-0.001	88	124909	15.1	
134 Naphthalene	128	12.979	12.979	0.000	96	8381	1.15	
S 137 Xylenes, Total	100				0		0.9700	

## QC Flag Legend

Processing Flags

## Reagents:

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D

Injection Date: 12-Jan-2022 03:39:42

Instrument ID: CVOAMS15

Lims ID: 460-250372-C-5

Lab Sample ID: 460-250372-5

Client ID: MW-03\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

31

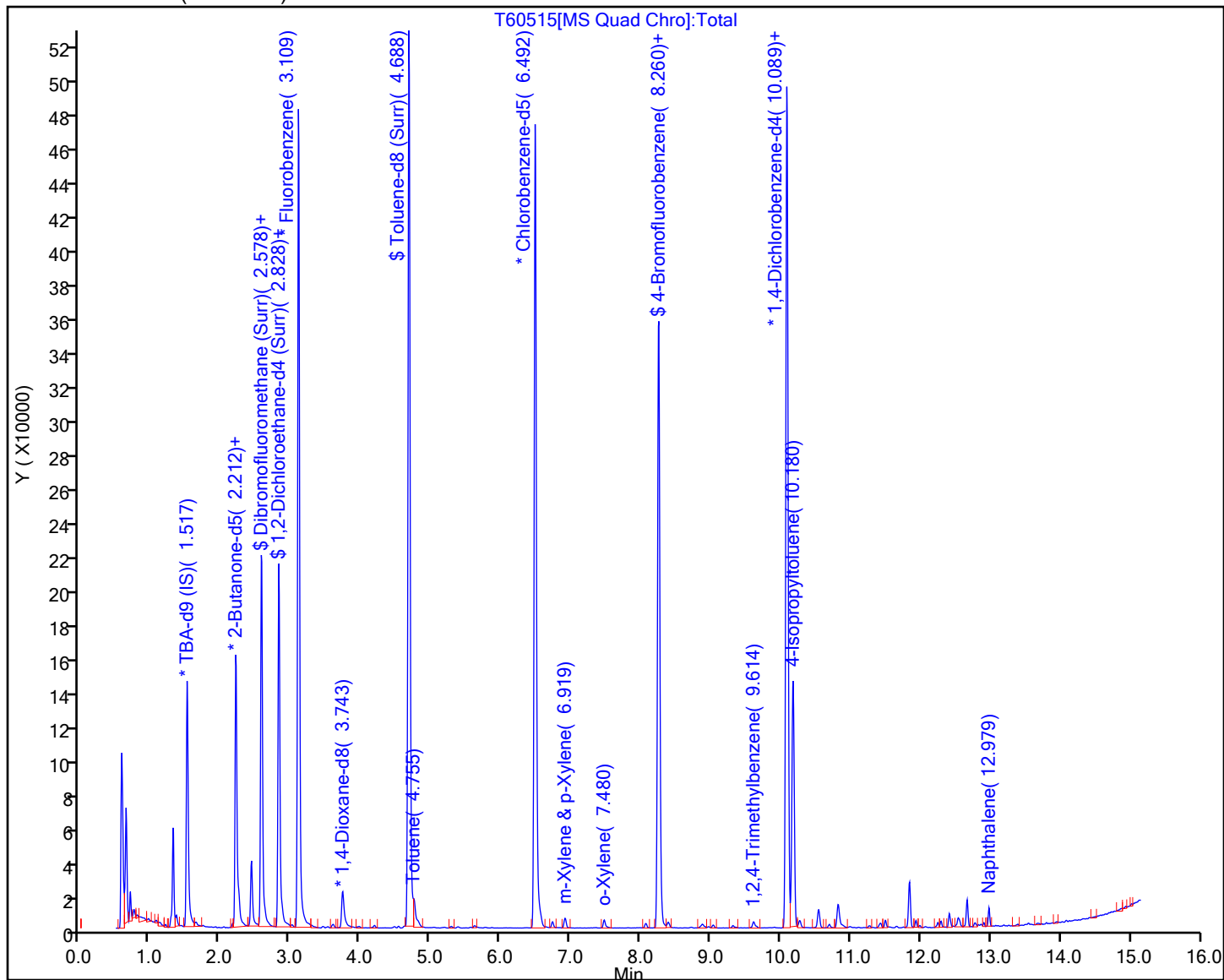
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D

Injection Date: 12-Jan-2022 03:39:42

Instrument ID: CVOAMS15

Lims ID: 460-250372-C-5

Lab Sample ID: 460-250372-5

Client ID: MW-03\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

31

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

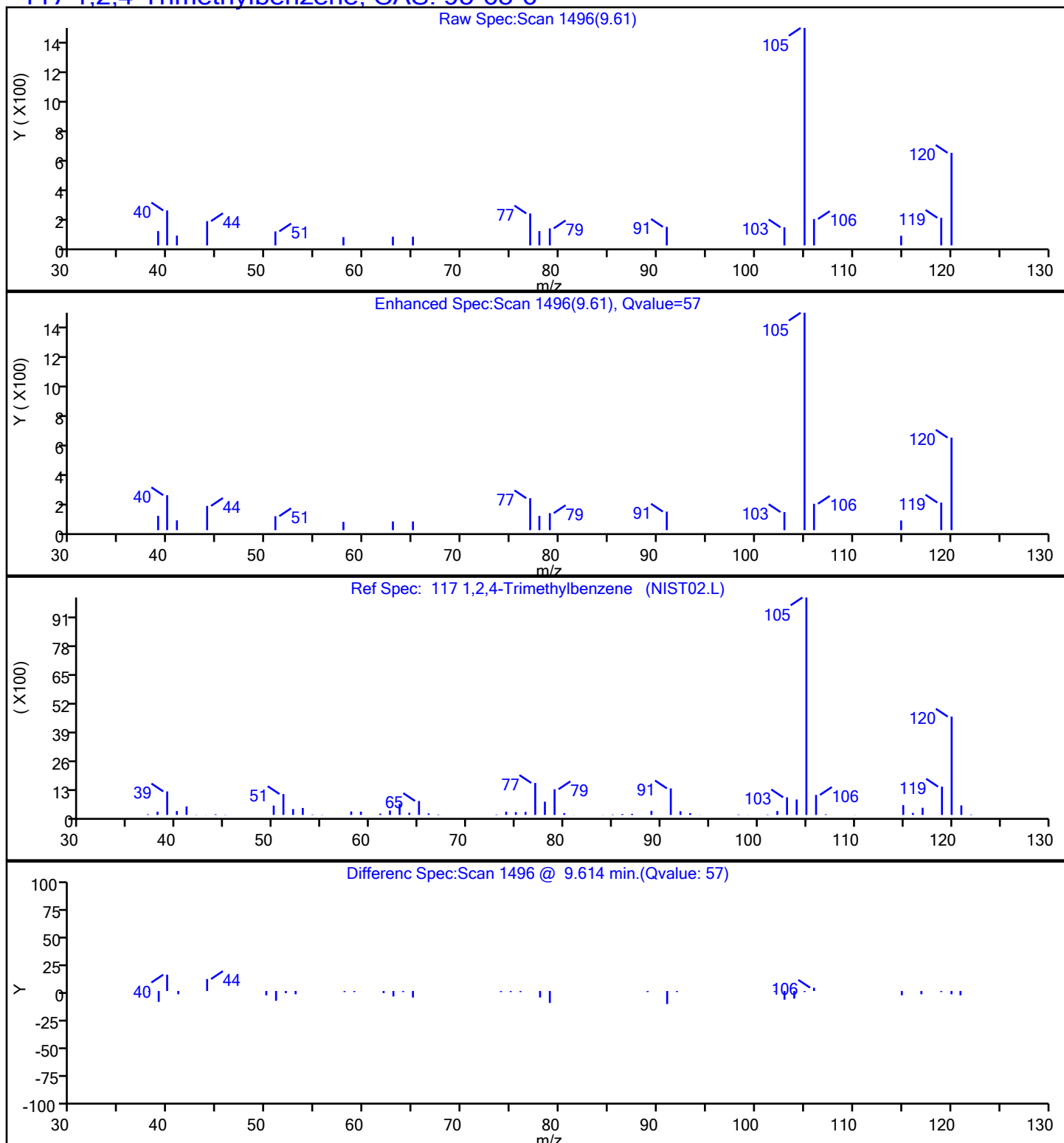
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**117 1,2,4-Trimethylbenzene, CAS: 95-63-6**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D

Injection Date: 12-Jan-2022 03:39:42

Instrument ID: CVOAMS15

Lims ID: 460-250372-C-5

Lab Sample ID: 460-250372-5

Client ID: MW-03\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

31

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

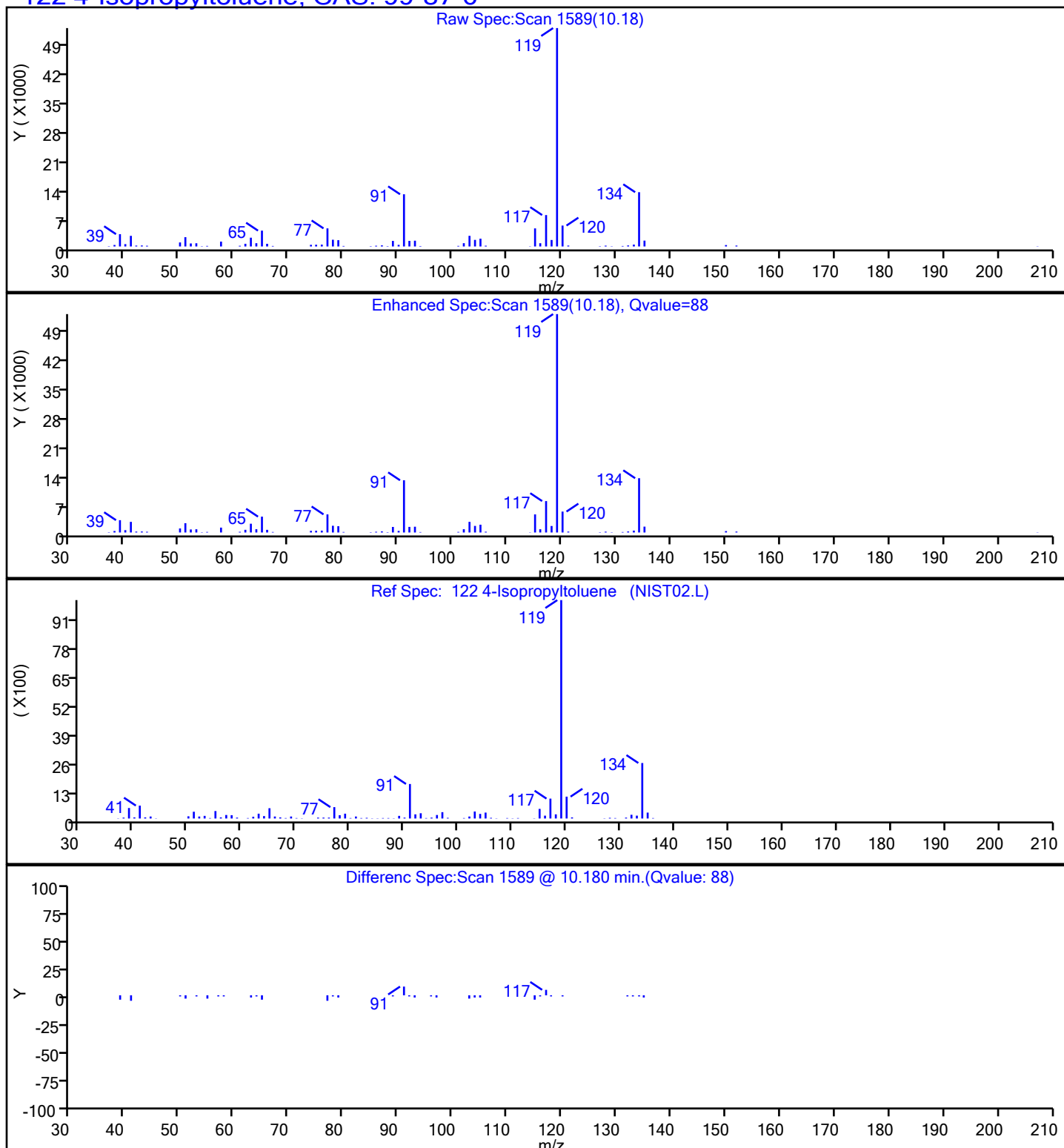
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**122 4-Isopropyltoluene, CAS: 99-87-6**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D

Injection Date: 12-Jan-2022 03:39:42

Instrument ID: CVOAMS15

Lims ID: 460-250372-C-5

Lab Sample ID: 460-250372-5

Client ID: MW-03\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

31

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

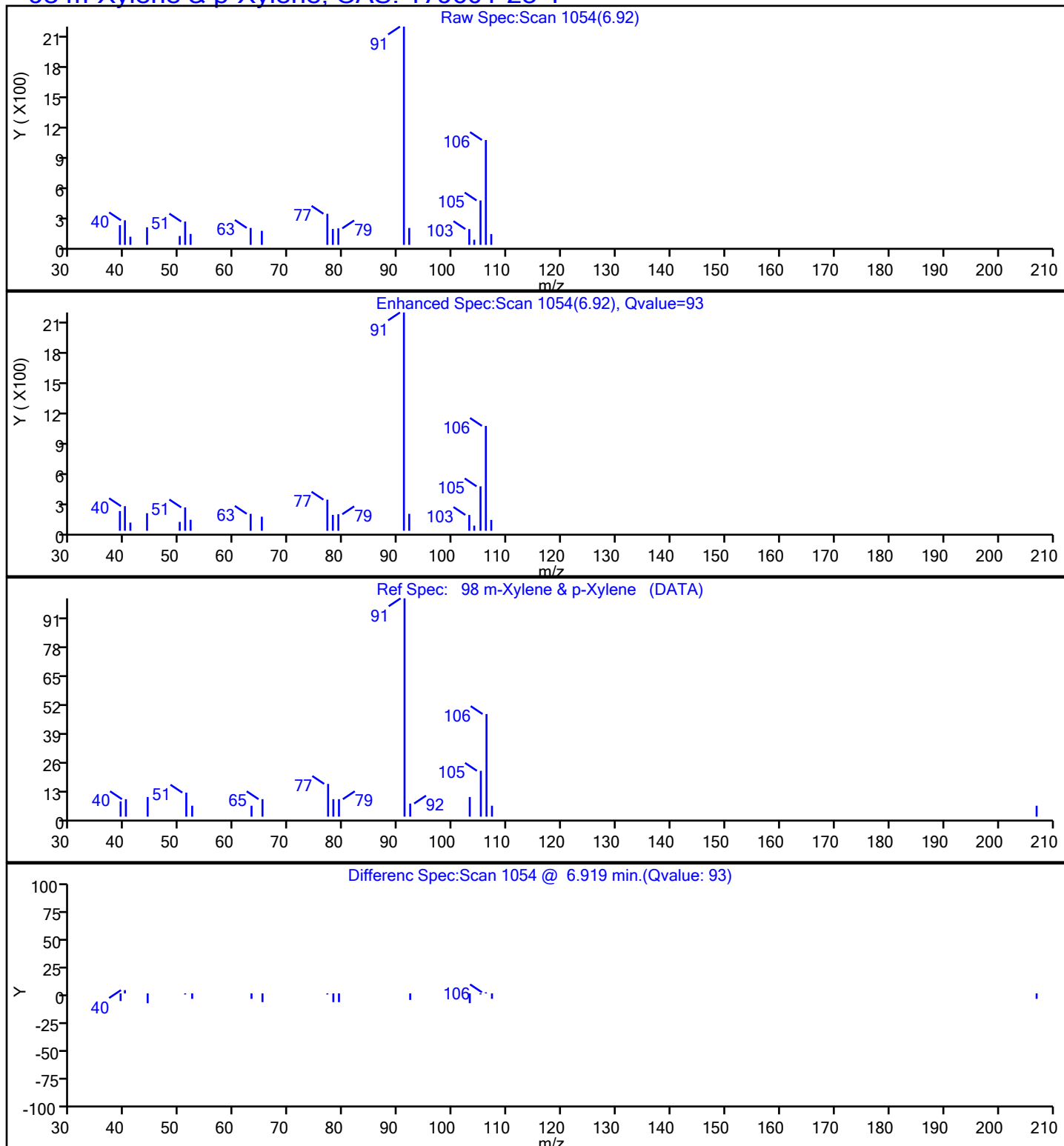
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D

Injection Date: 12-Jan-2022 03:39:42

Instrument ID: CVOAMS15

Lims ID: 460-250372-C-5

Lab Sample ID: 460-250372-5

Client ID: MW-03\_20220107

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 31

Purge Vol: 5.000 mL

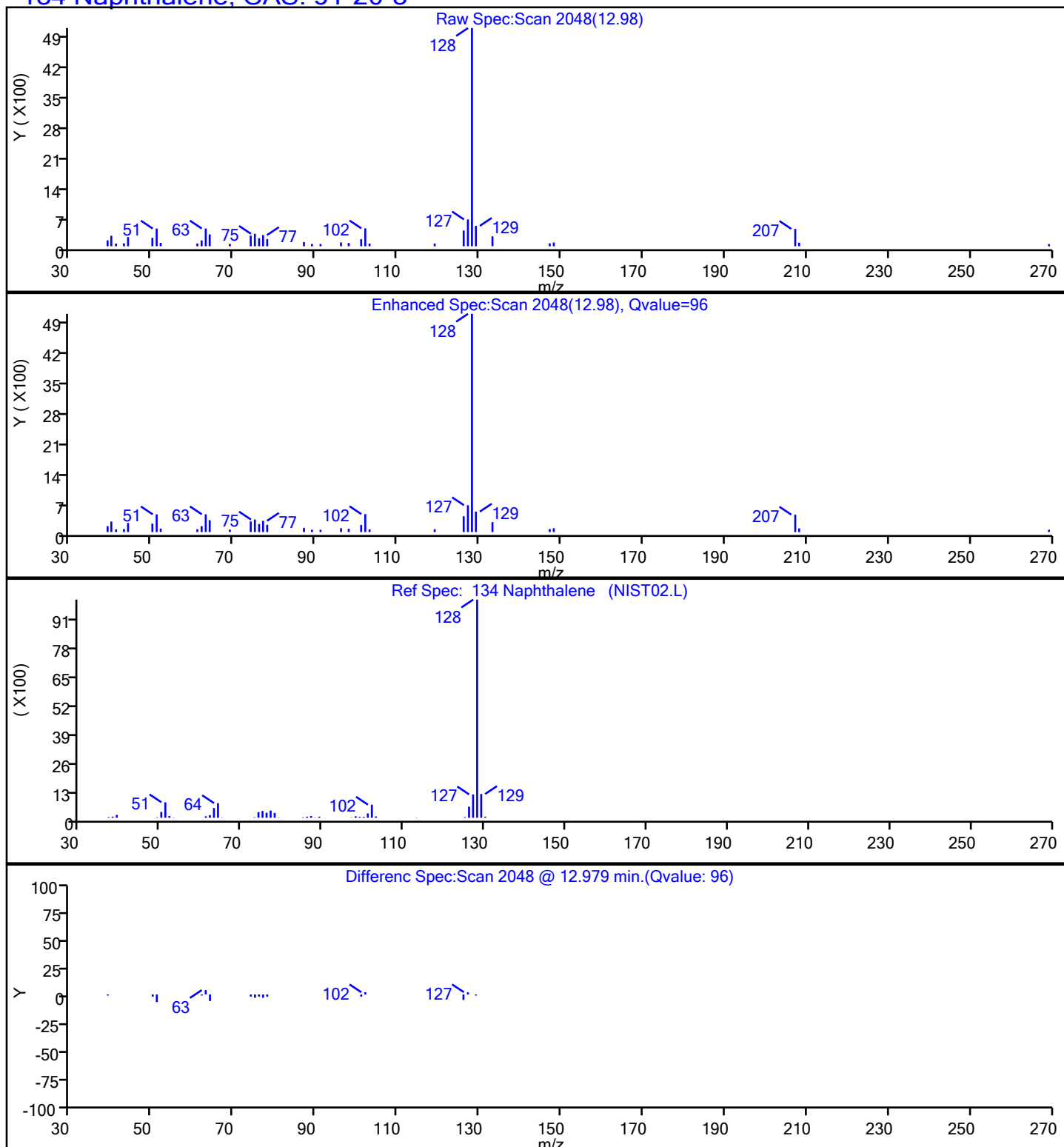
Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

**134 Naphthalene, CAS: 91-20-3**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D

Injection Date: 12-Jan-2022 03:39:42

Instrument ID: CVOAMS15

Lims ID: 460-250372-C-5

Lab Sample ID: 460-250372-5

Client ID: MW-03\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

31

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

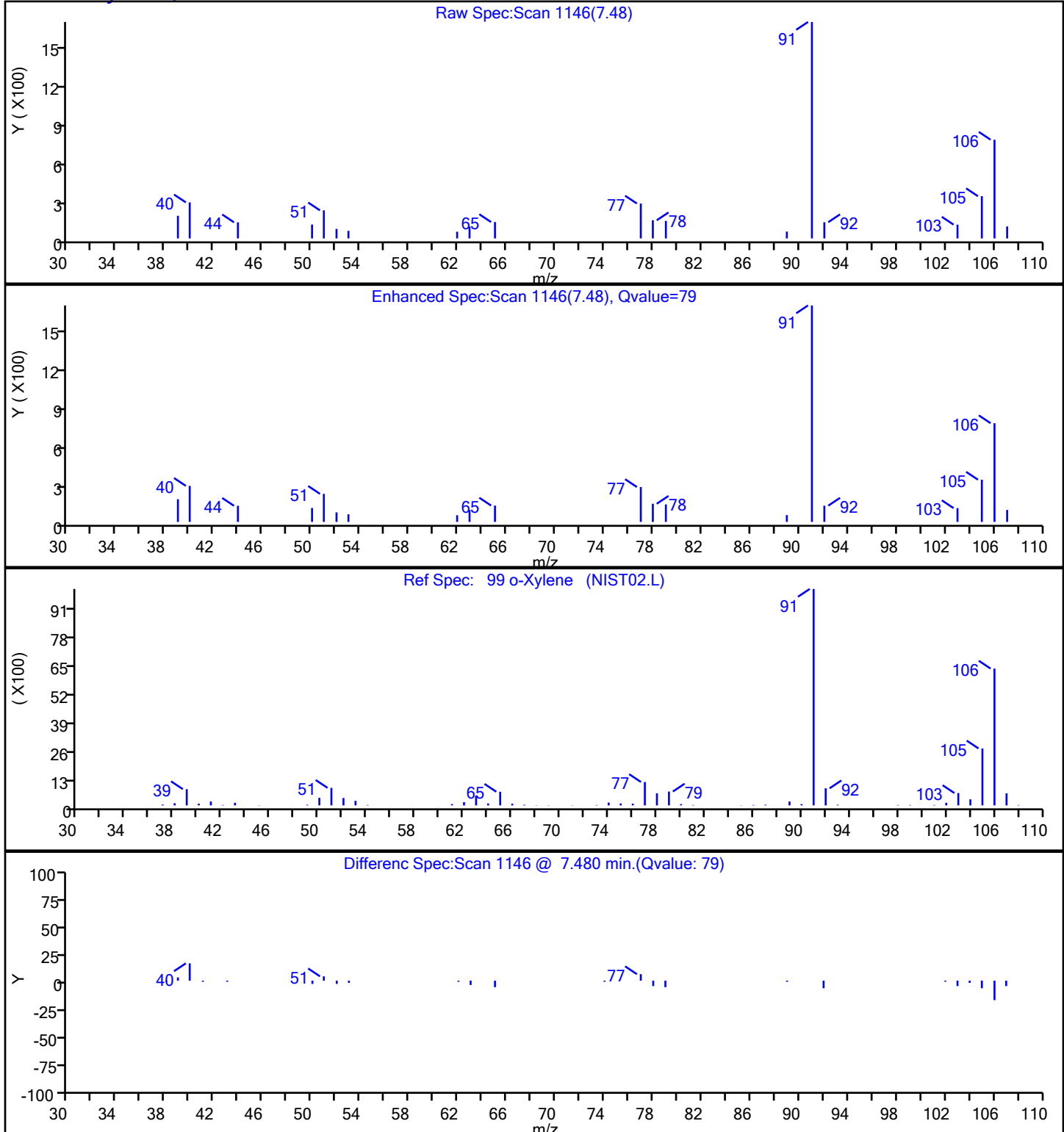
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**99 o-Xylene, CAS: 95-47-6**



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60515.D

Injection Date: 12-Jan-2022 03:39:42

Instrument ID: CVOAMS15

Lims ID: 460-250372-C-5

Lab Sample ID: 460-250372-5

Client ID: MW-03\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

31

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

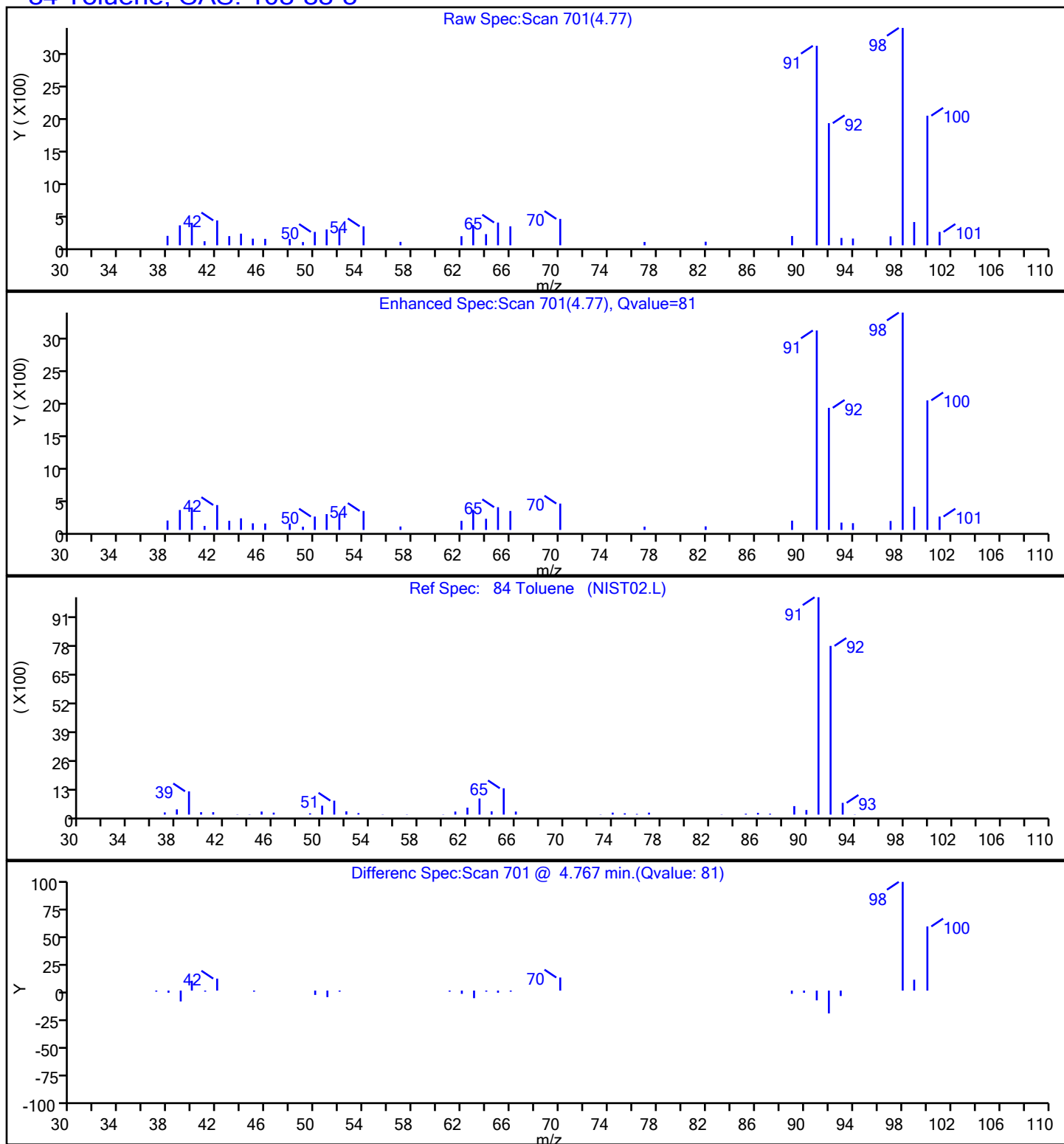
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**84 Toluene, CAS: 108-88-3**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-02\_20220112 Lab Sample ID: 460-250694-1  
 Matrix: Water Lab File ID: TT49393.D  
 Analysis Method: 8260D Date Collected: 01/12/2022 09:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/15/2022 00:01  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 823456 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	3.9		1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.78	J	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.49	J	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49393.D  
 Lims ID: 460-250694-A-1  
 Client ID: MW-02\_20220112  
 Sample Type: Client  
 Inject. Date: 15-Jan-2022 00:01:30 ALS Bottle#: 16 Worklist Smp#: 17  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250694-A-1  
 Misc. Info.: 460-0140246-017  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jan-2022 10:07:13 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: starzecm

Date: 15-Jan-2022 09:45:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.744	2.744	0.000	96	47767	1000.0	
33 Methyl tert-butyl ether	73	2.878	2.872	0.006	87	7377	0.4889	a
* 42 2-Butanone-d5	46	3.701	3.701	0.000	0	411665	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.153	4.152	0.001	0	151080	50.9	
60 Benzene	78	4.463	4.463	0.000	79	78854	3.91	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	200213	51.0	
* 66 Fluorobenzene	96	4.738	4.738	0.000	0	606351	50.0	
* 72 1,4-Dioxane-d8	96	5.421	5.427	-0.006	0	22190	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	490856	52.2	
* 94 Chlorobenzene-d5	117	8.085	8.085	0.000	0	347849	50.0	
104 Isopropylbenzene	105	9.371	9.371	0.000	97	15789	0.7790	
\$ 105 4-Bromofluorobenzene	174	9.603	9.603	0.000	0	124888	52.2	
* 121 1,4-Dichlorobenzene-d4	152	10.792	10.791	0.001	0	192531	50.0	
134 Naphthalene	128	12.663	12.663	0.000	96	9949	0.5988	

**QC Flag Legend**

Processing Flags

Review Flags

a - User Assigned ID

**Reagents:**

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49393.D

Injection Date: 15-Jan-2022 00:01:30

Instrument ID: CVOAMS17

Lims ID: 460-250694-A-1

Lab Sample ID: 460-250694-1

Client ID: MW-02\_20220112

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

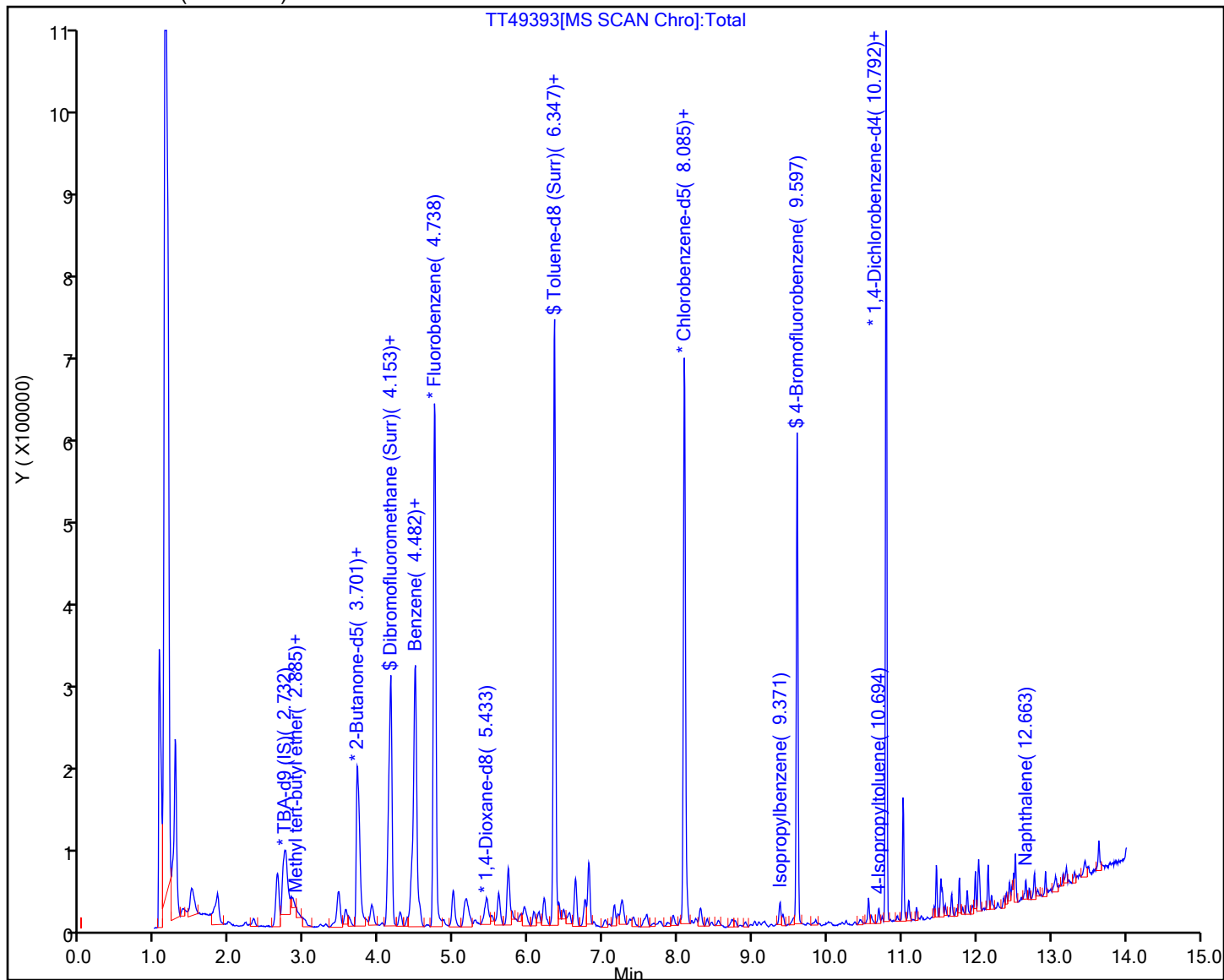
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49393.D

Injection Date: 15-Jan-2022 00:01:30

Instrument ID: CVOAMS17

Lims ID: 460-250694-A-1

Lab Sample ID: 460-250694-1

Client ID: MW-02\_20220112

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

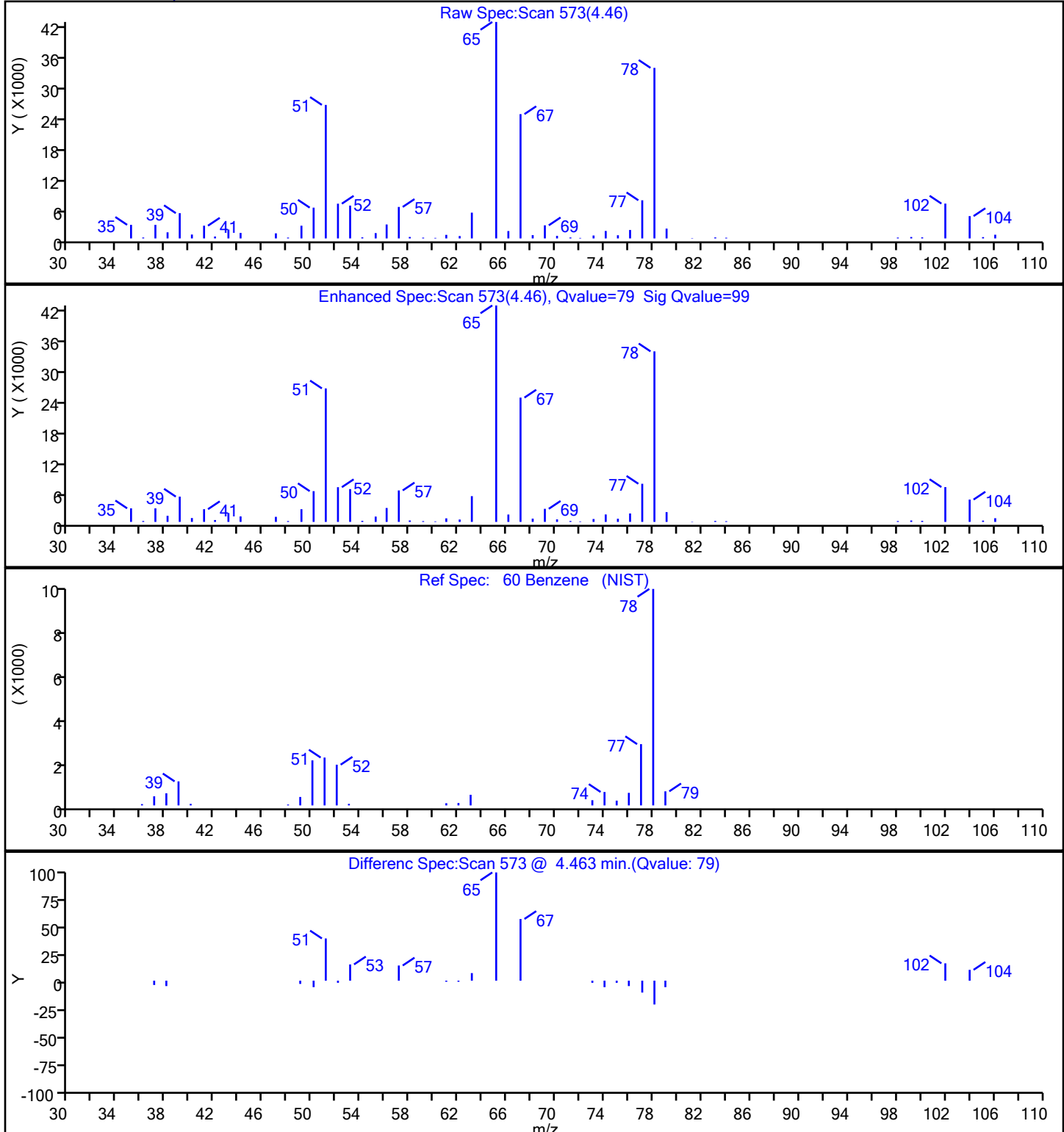
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**60 Benzene, CAS: 71-43-2**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49393.D

Injection Date: 15-Jan-2022 00:01:30

Instrument ID: CVOAMS17

Lims ID: 460-250694-A-1

Lab Sample ID: 460-250694-1

Client ID: MW-02\_20220112

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

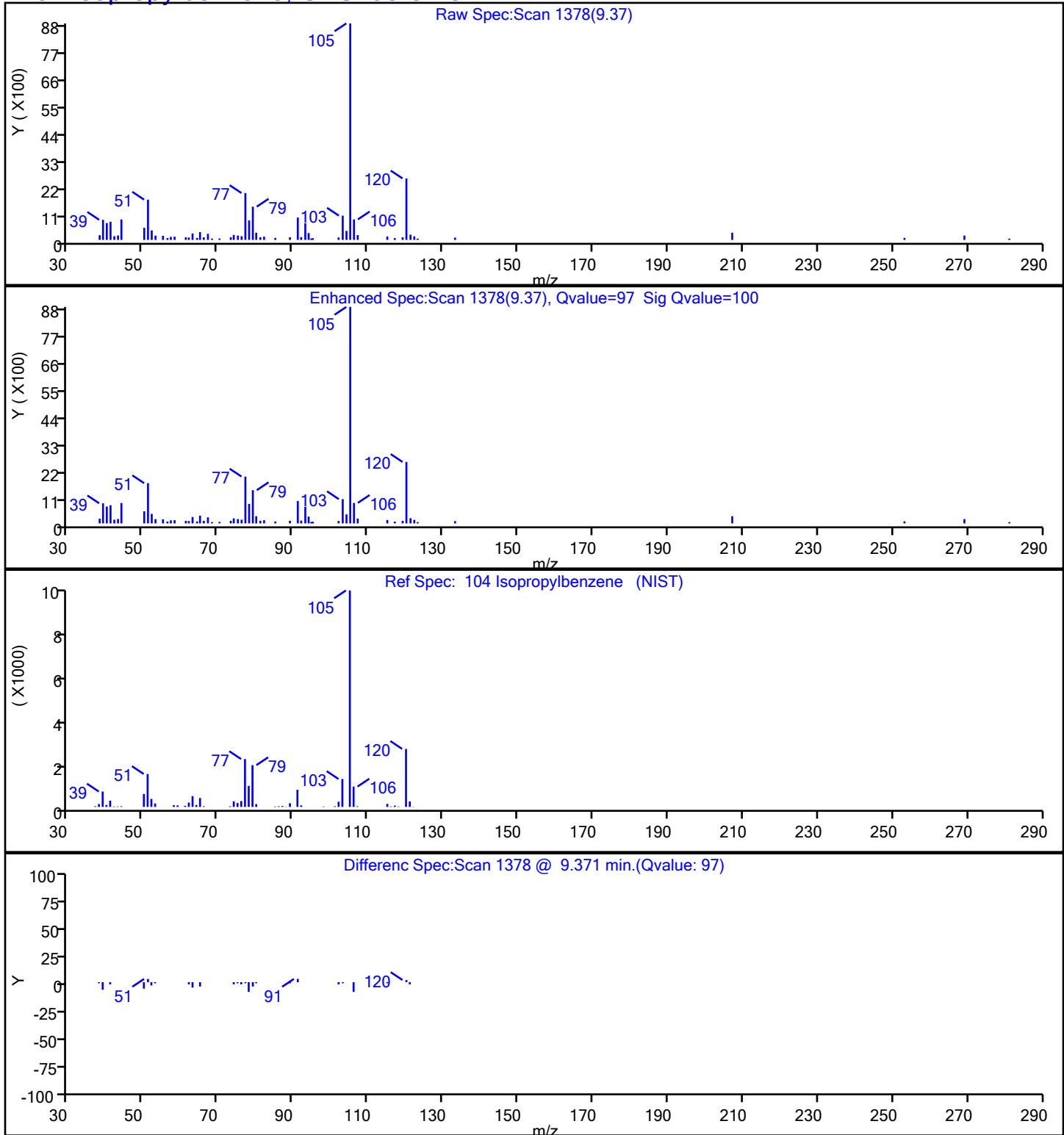
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**104 Isopropylbenzene, CAS: 98-82-8**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49393.D

Injection Date: 15-Jan-2022 00:01:30

Instrument ID: CVOAMS17

Lims ID: 460-250694-A-1

Lab Sample ID: 460-250694-1

Client ID: MW-02\_20220112

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

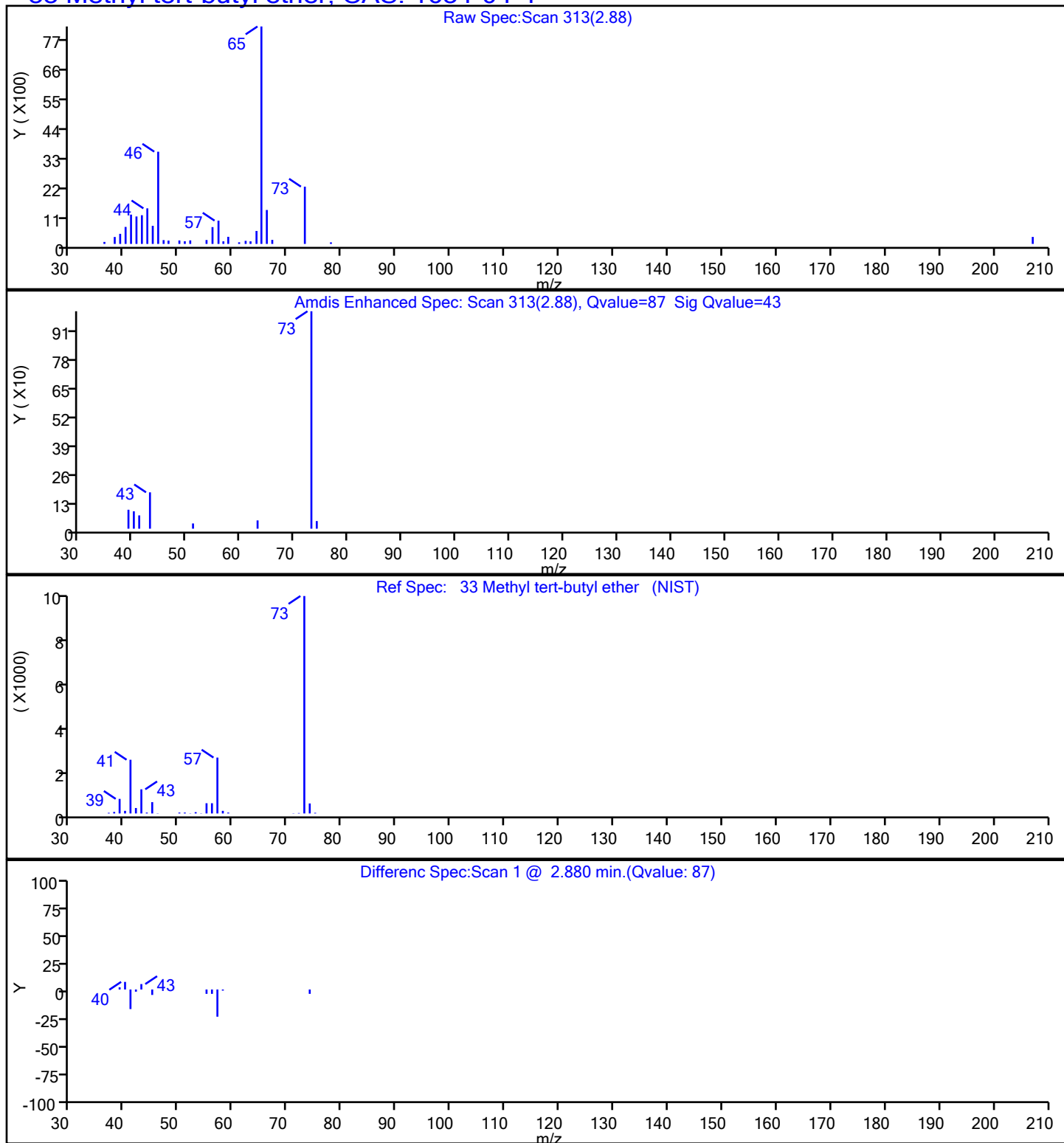
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

## Eurofins Edison

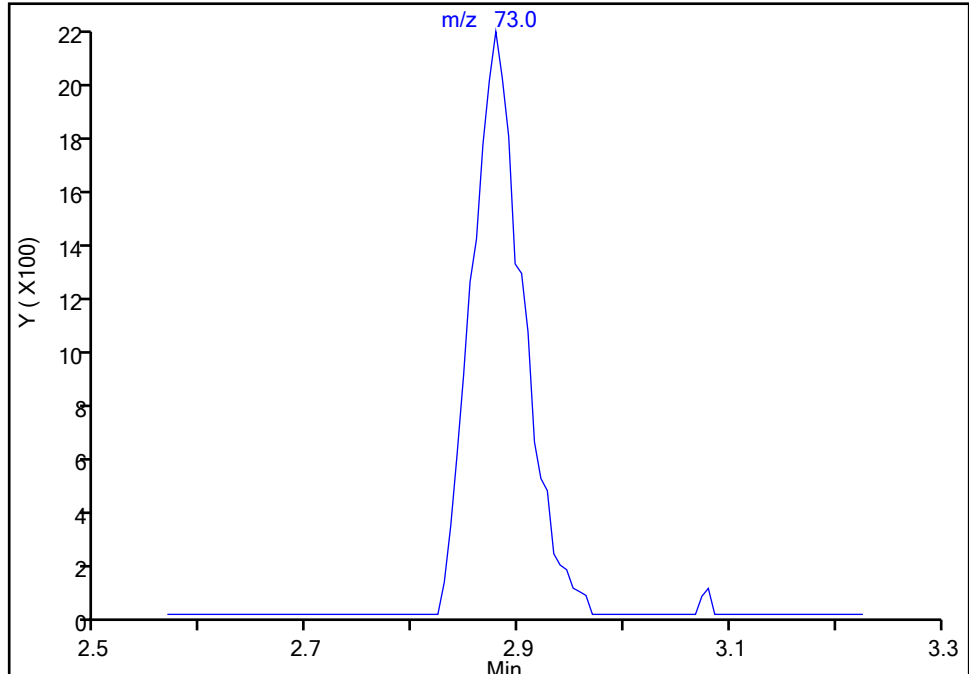
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49393.D		
Injection Date:	15-Jan-2022 00:01:30	Instrument ID:	CVOAMS17
Lims ID:	460-250694-A-1	Lab Sample ID:	460-250694-1
Client ID:	MW-02_20220112		
Operator ID:		ALS Bottle#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 ( 0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	17

**33 Methyl tert-butyl ether, CAS: 1634-04-4**

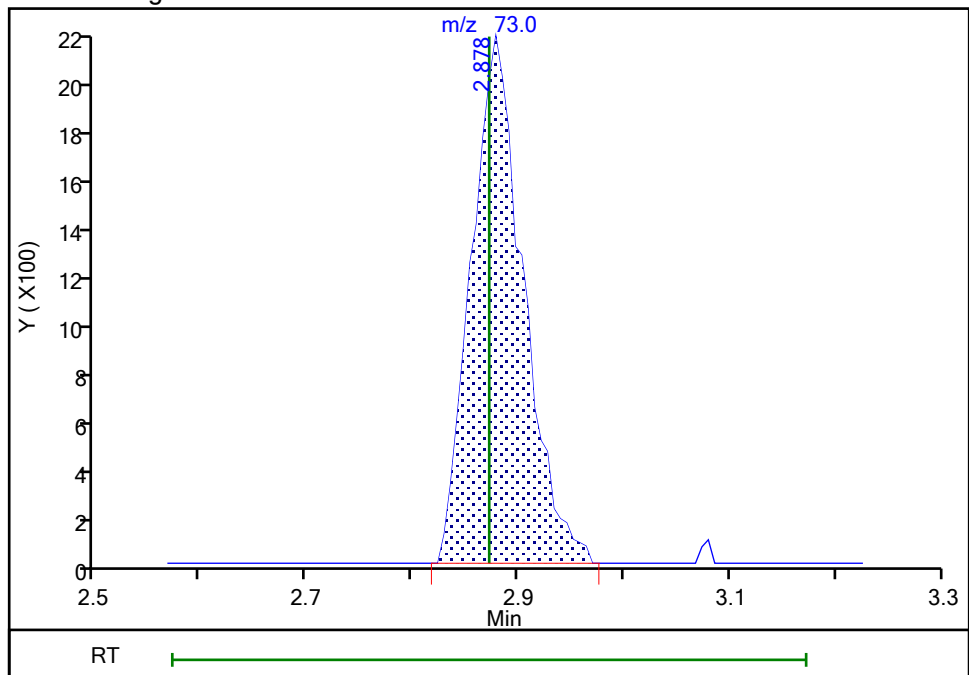
Signal: 1

Not Detected  
Expected RT: 2.87

## Processing Integration Results

RT: 2.88  
Area: 7377  
Amount: 0.488902  
Amount Units: ug/l

## Manual Integration Results

Reviewer: xuyvo, 16-Jan-2022 10:07:00  
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-808628/2	T56942.D
Level 2	STD05 460-808628/3	T56943.D
Level 3	STD1 460-808628/4	T56944.D
Level 4	STD5 460-808628/5	T56945.D
Level 5	STD20 460-808628/6	T56946.D
Level 6	STD50 460-808628/7	T56947.D
Level 7	STD200 460-808628/8	T56948.D
Level 8	STD500 460-808628/9	T56949.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	++++ 0.0886	0.1015 0.0864	0.0849 0.0818	0.0827	0.0866	Ave		0.087 5				7.5		20.0			
Dichlorodifluoromethane	++++ 0.2540	0.2945 0.3377	0.2482 0.3197	0.2374	0.2495	Ave		0.277 3			0.1000	14.3		20.0			
Chlorodifluoromethane	++++ 0.0495	0.0473 0.0511	0.0710 0.0494	0.0458	0.0484	Ave		0.051 8				16.7		20.0			
Chloromethane	++++ 0.2721	0.3254 0.3417	0.2974 0.3588	0.2586	0.2570	Ave		0.301 6			0.1000	13.7		20.0			
Vinyl chloride	++++ 0.2943	0.3416 0.3272	0.3028 0.3137	0.2819	0.2817	Ave		0.306 2			0.1000	7.4		20.0			
Butadiene	0.2606 0.2651	0.3158 0.2943	0.2754 0.2726	0.2561	0.2529	Ave		0.274 1				7.8		20.0			
Bromomethane	++++ 0.4344	1.5035 0.7208	0.8723 0.5130	0.9691	0.6982	QuaF		0.802 9	-0.000576		0.1000				0.9940		0.9900
Chloroethane	++++ 0.8643	1.3850 1.1470	1.3032 ++++	1.2854	1.1356	Ave		1.186 7			0.1000	15.6		20.0			
Dichlorofluoromethane	++++ 0.4085	0.4827 0.4351	0.3970 0.3473	0.4277	0.4189	Ave		0.416 7				9.8		20.0			
Trichlorofluoromethane	++++ 0.3088	0.3928 0.3591	0.3455 0.2995	0.3342	0.3208	Ave		0.337 2			0.1000	9.5		20.0			
Pentane	++++ 0.0318	0.0468 0.0334	0.0419 0.0266	0.0352	0.0320	Ave		0.035 4				19.2		20.0			
Ethanol	++++ 0.2801	0.3571 0.2886	0.3179 ++++	0.3344	0.2792	Ave		0.309 6				10.4		20.0			
Ethyl ether	++++ 0.1971	0.2857 0.1931	0.2228 0.1617	0.2048	0.1908	Ave		0.208 0				18.7		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2155	0.3074 0.2080	0.2557 0.1791	0.2223	0.2098	Ave		0.228 3				18.2		20.0			
2-Methyl-1,3-butadiene	++++ 0.2111	0.2748 0.2086	0.2329 0.1773	0.2112	0.2001	Ave		0.216 6				14.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3824	0.4330 0.3779	0.3698 0.3439	0.3808	0.3765	Ave		0.380 6				7.0		20.0			
Acrolein	++++ 9.7869	12.764 10.026	11.325 7.6922	11.499	9.6686	Ave		10.39 4				15.7		20.0			
1,1-Dichloroethene	++++ 0.2314	0.2921 0.2298	0.2195 0.2109	0.2422	0.2271	Ave		0.236 1			0.1000	11.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2195	0.2760 0.2251	0.2238 0.2010	0.2231	0.2150	Ave		0.226 2			0.1000	10.4		20.0			
Acetone	++++ 0.5859	0.9487 0.6201	0.6631 0.6462	0.5896	0.5768	Ave		0.661 5			0.0500	19.8		20.0			
Iodomethane	++++ 0.2416	0.2137 0.2507	0.1792 0.1967	0.1781	0.2053	Ave		0.209 3				13.6		20.0			
Carbon disulfide	++++ 0.7841	0.9670 0.7727	0.7977 0.7234	0.7885	0.7719	Ave		0.800 8			0.1000	9.6		20.0			
Isopropyl alcohol	++++ 3.3674	5.2689 3.7472	4.7815 2.8530	3.5396	3.2882	QuaF		4.206 3	-0.000270						0.9990		0.9900
Acetonitrile	++++ 0.1399	0.1677 0.1387	0.1370 0.1359	0.1460	0.1355	Ave		0.143 0				8.0		20.0			
3-Chloro-1-propene	++++ 0.1791	0.1939 0.1485	0.1579 0.1451	0.1795	0.1814	Ave		0.169 3				11.0		20.0			
Methyl acetate	++++ 0.1832	0.2118 0.1684	0.1639 0.1651	0.1740	0.1729	Ave		0.177 0			0.1000	9.4		20.0			
Cyclopentene	++++ 0.6105	0.7167 0.6146	0.6455 0.5459	0.6177	0.6104	Ave		0.623 0				8.2		20.0			
Methylene Chloride	++++ 0.2650	0.3481 0.2642	0.3002 0.2495	0.2722	0.2664	Ave		0.280 8			0.1000	11.9		20.0			
2-Methyl-2-propanol	++++ 5.9814	8.8338 5.6999	7.5991 ++++	6.4856	5.9713	Ave		6.761 8				18.0		20.0			
Acrylonitrile	0.0921 0.0991	0.1228 0.0945	0.1006 0.0829	0.0992	0.1017	Ave		0.099 1				11.4		20.0			
trans-1,2-Dichloroethene	++++ 0.2696	0.3412 0.2601	0.2661 0.2303	0.2716	0.2671	Ave		0.272 3			0.1000	12.3		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	++++ 0.7368	0.9368 0.6931	0.7195 0.6290	0.7424	0.7270	Ave		0.740 7			0.1000	12.8		20.0			
Hexane	++++ 0.2651	0.3592 0.2700	0.2735 0.2481	0.2769	0.2636	Ave		0.279 5				13.0		20.0			
1,1-Dichloroethane	++++ 0.4832	0.5759 0.4742	0.4509 0.4462	0.4715	0.4763	Ave		0.482 6			0.2000	9.0		20.0			
Vinyl acetate	++++ 0.4371	0.5574 0.4555	0.3772 0.4891	0.4639	0.4583	Ave		0.462 6				11.7		20.0			
2-Chloro-1,3-butadiene	++++ 0.2526	0.2910 0.2519	0.2548 0.2256	0.2510	0.2549	Ave		0.254 5				7.5		20.0			
Isopropyl ether	++++ 0.7475	0.9397 0.7185	0.7548 0.6625	0.7668	0.7554	Ave		0.763 6				11.2		20.0			
Tert-butyl ethyl ether	++++ 0.7605	0.8642 0.8008	0.7306 0.7224	0.7657	0.7777	Ave		0.774 6				6.2		20.0			
2,2-Dichloropropane	++++ 0.0951	0.1238 0.0928	0.1132 0.0860	0.0969	0.0953	Ave		0.100 5				13.1		20.0			
cis-1,2-Dichloroethene	++++ 0.2949	0.3564 0.2865	0.2806 0.2697	0.3030	0.2858	Ave		0.296 7			0.1000	9.6		20.0			
2-Butanone (MEK)	++++ 0.8732	0.8770 0.8928	0.6414 0.9832	0.7830	0.8951	Ave		0.849 4			0.0500	12.8		20.0			
Propionitrile	++++ 8.5112	8.3897 8.0526	7.7220 6.1937	8.3630	8.2724	Ave		7.929 2				10.2		20.0			
Ethyl acetate	++++ 0.2503	0.3197 0.2636	0.2142 0.2731	0.2506	0.2523	Ave		0.260 5				12.2		20.0			
Methyl acrylate	++++ 0.2742	0.3274 0.3070	0.3027 0.2844	0.2686	0.2735	Ave		0.291 1				7.5		20.0			
Methacrylonitrile	++++ 0.1149	0.1359 0.1080	0.1116 0.0932	0.1161	0.1153	Ave		0.113 6				11.1		20.0			
Chlorobromomethane	++++ 0.1171	0.1433 0.1109	0.1142 0.1071	0.1284	0.1206	Ave		0.120 2				10.2		20.0			
Tetrahydrofuran	++++ 0.2968	0.4265 0.3016	0.2984 0.3111	0.3235	0.3036	Ave		0.323 1				14.4		20.0			
Chloroform	++++ 0.4706	0.5887 0.4587	0.4465 0.4237	0.4774	0.4693	Ave		0.476 4			0.2000	11.1		20.0			
1,1,1-Trichloroethane	++++ 0.4159	0.4656 0.4113	0.4241 0.3855	0.4285	0.4034	Ave		0.419 2			0.1000	5.9		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	++++ 0.3289	0.4919 0.3401	0.3240 0.3155	0.3591	0.3261	Ave		0.355 1			0.1000	17.4		20.0			
Carbon tetrachloride	++++ 0.3492	0.4038 0.3418	0.3589 0.3124	0.3510	0.3426	Ave		0.351 4			0.1000	7.8		20.0			
1,1-Dichloropropene	++++ 0.3847	0.4552 0.3792	0.3829 0.3507	0.3898	0.3793	Ave		0.388 8				8.2		20.0			
Isobutyl alcohol	++++ 2.2120	1.8150 2.2568	2.0637 1.7116	2.0213	1.9211	Ave		2.000 2				10.0		20.0			
Benzene	++++ 1.5354	1.9035 1.3943	1.5169 1.2498	1.5958	1.5437	Ave		1.534 2			0.5000	13.1		20.0			
1,2-Dichloroethane	++++ 0.3356	0.4736 0.3266	0.3668 0.2821	0.3531	0.3358	Ave		0.353 4			0.1000	16.8		20.0			
Isooctane	++++ 0.4668	0.5935 0.4782	0.4949 0.4486	0.4728	0.4664	Ave		0.488 7				9.9		20.0			
Isopropyl acetate	++++ 0.1047	0.1136 0.1024	0.1066 0.0953	0.1081	0.1046	Ave		0.105 0				5.3		20.0			
Tert-amyl methyl ether	++++ 0.7600	0.9313 0.7404	0.7264 0.6978	0.7420	0.7488	Ave		0.763 8				10.0		20.0			
n-Heptane	++++ 0.2014	0.2659 0.2054	0.1935 0.1913	0.2059	0.1998	Ave		0.209 0				12.3		20.0			
Trichloroethene	++++ 0.2919	0.3266 0.2927	0.3184 0.2798	0.2959	0.2829	Ave		0.298 3			0.2000	5.9		20.0			
n-Butanol	++++ 1.5634	0.7398 1.6598	0.6703 1.3570	1.2388	1.4096	QuaF		1.816 8	-0.000037						0.9990		0.9900
Ethyl acrylate	++++ 0.5951	0.6543 0.5987	0.5714 0.5482	0.5759	0.5722	Ave		0.588 0				5.7		20.0			
Methylcyclohexane	++++ 0.3261	0.4147 0.3345	0.3251 0.3103	0.3289	0.3225	Ave		0.337 5			0.1000	10.3		20.0			
1,2-Dichloropropane	++++ 0.2728	0.3206 0.2721	0.2646 0.2599	0.2733	0.2646	Ave		0.275 4			0.1000	7.5		20.0			
Dibromomethane	++++ 0.1708	0.2314 0.1678	0.1651 0.1347	0.1739	0.1683	Ave		0.173 2				16.7		20.0			
1,4-Dioxane	++++ 1.1116	1.3250 1.0278	1.1102 0.9283	1.1347	1.1171	Ave		1.107 8				10.8		20.0			
Methyl methacrylate	++++ 0.0765	0.0782 0.0768	0.0693 0.0729	0.0725	0.0758	Ave		0.074 6				4.2		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	++++ 0.3560	0.3710 0.3472	0.3357 0.3489	0.3672	0.3713	Ave		0.356 7				3.8		20.0			
Dichlorobromomethane	++++ 0.3583	0.3944 0.3625	0.3491 0.3458	0.3565	0.3557	Ave		0.360 3			0.2000	4.4		20.0			
2-Nitropropane	++++ 0.0645	0.0974 0.0668	0.0722 0.0654	0.0635	0.0652	Ave		0.070 7				17.1		20.0			
2-Chloroethyl vinyl ether	++++ 0.0488	0.0445 0.0502	0.0401 0.0492	0.0451	0.0480	Ave		0.046 5				7.7		20.0			
Epichlorohydrin	0.1328 0.2074	0.1816 0.2199	0.1665 0.2308	0.1785	0.1996	Ave		0.189 7				16.7		20.0			
cis-1,3-Dichloropropene	++++ 0.6375	0.7418 0.6058	0.6272 0.5645	0.6329	0.6300	Ave		0.634 2			0.2000	8.5		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 1.8757	2.1093 1.9710	1.7024 2.0502	1.8364	1.8985	Ave		1.920 5			0.0500	7.1		20.0			
Toluene	++++ 1.6124	1.9238 1.5029	1.6161 1.3557	1.6499	1.6107	Ave		1.610 2			0.4000	10.6		20.0			
trans-1,3-Dichloropropene	++++ 0.5806	0.7036 0.5611	0.5509 0.5319	0.5903	0.5883	Ave		0.586 7			0.1000	9.5		20.0			
Ethyl methacrylate	++++ 0.5010	0.5017 0.4722	0.4511 0.4460	0.4934	0.5051	Ave		0.481 5				5.2		20.0			
1,1,2-Trichloroethane	++++ 0.2852	0.3554 0.2682	0.2864 0.2522	0.3000	0.2840	Ave		0.290 2			0.1000	11.2		20.0			
Tetrachloroethene	++++ 0.3436	0.3777 0.3293	0.3273 0.3025	0.3493	0.3302	Ave		0.337 1			0.2000	6.9		20.0			
1,3-Dichloropropane	++++ 0.5813	0.7252 0.5491	0.5906 0.5177	0.5885	0.5865	Ave		0.591 3				11.0		20.0			
2-Hexanone	++++ 1.3662	1.4916 1.4089	1.3067 1.5066	1.3611	1.3522	Ave		1.399 0			0.0500	5.3		20.0			
Chlorodibromomethane	++++ 0.3630	0.4534 0.3484	0.3320 0.3352	0.3611	0.3651	Ave		0.365 4			0.1000	11.2		20.0			
Ethylene Dibromide	++++ 0.3512	0.4511 0.3376	0.3518 0.3249	0.3632	0.3591	Ave		0.362 7			0.1000	11.3		20.0			
n-Butyl acetate	++++ 0.5434	0.6307 0.5163	0.5452 0.4882	0.5358	0.5610	Ave		0.545 8				8.1		20.0			
Chlorobenzene	++++ 0.9413	1.1314 0.9182	0.9526 0.8736	0.9564	0.9526	Ave		0.960 9			0.5000	8.4		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	++++ 0.3418	0.3896 0.3305	0.3294 0.3158	0.3426	0.3428	Ave		0.341 8				6.8		20.0			
Ethylbenzene	++++ 0.5103	0.5694 0.4907	0.4865 0.4634	0.5140	0.5107	Ave		0.506 4			0.1000	6.5		20.0			
m-Xylene & p-Xylene	++++ 0.6233	0.7634 0.5959	0.5998 0.5653	0.6211	0.6258	Ave		0.627 8			0.1000	10.1		20.0			
o-Xylene	++++ 0.5898	0.6768 0.5678	0.5996 0.5434	0.6025	0.5915	Ave		0.595 9			0.3000	6.9		20.0			
Styrene	++++ 1.0195	1.2545 0.9800	0.9478 0.9188	1.0198	1.0237	Ave		1.023 4			0.3000	10.7		20.0			
n-Butyl acrylate	++++ 0.2919	0.3544 0.2745	0.2908 0.2600	0.2885	0.2908	Ave		0.293 0				10.1		20.0			
Bromoform	++++ 0.2339	0.2334 0.2343	0.2214 0.2298	0.2235	0.2300	Ave		0.229 5			0.1000	2.2		20.0			
Amyl acetate (mixed isomers)	++++ 1.3953	1.4470 1.2455	1.3138 1.2332	1.3700	1.4008	Ave		1.343 7				6.1		20.0			
Isopropylbenzene	++++ 1.4427	1.7988 1.3770	1.4362 1.3062	1.4779	1.4534	Ave		1.470 3			0.1000	10.6		20.0			
Bromobenzene	++++ 0.7649	0.8808 0.7220	0.7413 0.7246	0.7565	0.7522	Ave		0.763 2				7.1		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.0292	1.2079 0.9642	1.0516 0.9622	1.0804	1.0480	Ave		1.049 0			0.3000	7.9		20.0			
1,2,3-Trichloropropane	++++ 0.2872	0.4019 0.2662	0.3026 0.2641	0.2961	0.2874	Ave		0.300 8				15.6		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2799	0.3811 0.2779	0.2639 0.2864	0.2748	0.2855	Ave		0.292 8				13.6		20.0			
N-Propylbenzene	++++ 3.9866	4.5851 3.7412	3.7694 3.7137	3.7948	3.8010	Ave		3.913 1				7.9		20.0			
2-Chlorotoluene	++++ 2.2819	2.6871 2.0968	2.2873 1.9737	2.5686	2.4939	Ave		2.341 3				11.0		20.0			
4-Ethyltoluene	++++ 2.9555	3.4843 2.7865	2.9284 2.6818	3.0043	2.9628	Ave		2.971 9				8.5		20.0			
4-Chlorotoluene	++++ 2.7469	3.0453 2.5495	2.6312 2.4710	2.7677	2.7226	Ave		2.704 9				6.9		20.0			
1,3,5-Trimethylbenzene	++++ 2.4143	3.0333 2.2633	2.4580 2.1874	2.4792	2.4512	Ave		2.469 5				11.0		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	++++ 1.0502	1.1642 1.0132	0.9191 0.9998	1.0128	1.0361	Ave		1.027 9				7.1		20.0			
tert-Butylbenzene	++++ 1.9252	2.3595 1.8085	1.9647 1.7879	1.9920	1.9392	Ave		1.968 1				9.6		20.0			
1,2,4-Trimethylbenzene	++++ 2.4667	3.0939 2.3138	2.4285 2.2439	2.4933	2.4590	Ave		2.499 9				11.1		20.0			
sec-Butylbenzene	++++ 2.7963	3.5111 2.6525	2.7175 2.5972	2.9056	2.7998	Ave		2.854 3				10.8		20.0			
1,3-Dichlorobenzene	++++ 1.2772	1.4738 1.2239	1.2169 1.1952	1.2486	1.2540	Ave		1.269 9			0.6000	7.4		20.0			
1,4-Dichlorobenzene	++++ 1.3148	1.6114 1.2663	1.2226 1.2227	1.3288	1.2986	Ave		1.323 6			0.5000	10.1		20.0			
4-Isopropyltoluene	++++ 2.2887	2.5358 2.1548	2.2256 2.1131	2.3156	2.2804	Ave		2.273 4				6.0		20.0			
1,2,3-Trimethylbenzene	++++ 2.4797	3.0376 2.3887	2.4862 2.2582	2.5060	2.4768	Ave		2.519 0				9.7		20.0			
Benzyl chloride	++++ 1.9694	2.4250 1.8996	1.9137 1.7864	1.9755	1.9938	Ave		1.994 8				10.1		20.0			
Indan	++++ 2.3988	2.7275 2.2722	2.3693 2.1499	2.3962	2.3834	Ave		2.385 3				7.4		20.0			
1,2-Dichlorobenzene	++++ 1.2235	1.4383 1.1768	1.1172 1.1335	1.2221	1.2101	Ave		1.217 4			0.4000	8.7		20.0			
p-Diethylbenzene	++++ 1.1546	1.3629 1.1045	1.1114 1.0664	1.1339	1.1320	Ave		1.152 3				8.4		20.0			
n-Butylbenzene	++++ 1.2032	1.3771 1.1347	1.0888 1.0877	1.1985	1.1839	Ave		1.182 0				8.4		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2072	0.2419 0.1964	0.2073 0.1955	0.1987	0.2054	Ave		0.207 5			0.0500	7.7		20.0			
1,2,4,5-Tetramethylbenzene	++++ 1.9774	2.2404 1.8678	1.8779 1.7786	1.9412	1.9317	Ave		1.945 0				7.5		20.0			
1,3,5-Trichlorobenzene	++++ 0.6670	0.7770 0.6354	0.6356 0.6007	0.6471	0.6504	Ave		0.659 0				8.5		20.0			
1,2,4-Trichlorobenzene	++++ 0.6155	0.7301 0.5614	0.5345 0.5252	0.6097	0.5997	Ave		0.596 6			0.2000	11.6		20.0			
Naphthalene	++++ 2.0380	2.4223 1.7660	2.1532 1.5749	2.0423	2.0473	Ave		2.006 3				13.5		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	++++ 0.2190	0.2949 0.2009	0.2204 0.1887	0.2323	0.2188	Ave		0.225 0				15.1		20.0			
1,2,3-Trichlorobenzene	++++ 0.4931	0.5925 0.4279	0.4807 0.3886	0.4840	0.4832	Ave		0.478 6				13.2		20.0			
Dibromofluoromethane (Surr)	0.2583 0.2550	0.2600 0.2544	0.2551 0.2352	0.2546	0.2549	Ave		0.253 4				3.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3115 0.2949	0.3083 0.2954	0.3055 0.2614	0.2962	0.2903	Ave		0.295 4				5.3		20.0			
Toluene-d8 (Surr)	1.3457 1.3685	1.3671 1.3093	1.3712 1.2750	1.3641	1.3697	Ave		1.346 3				2.6		20.0			
4-Bromofluorobenzene	0.3525 0.3509	0.3530 0.3535	0.3519 0.3623	0.3491	0.3521	Ave		0.353 2				1.1		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-808628/2	T56942.D
Level 2	STD05 460-808628/3	T56943.D
Level 3	STD1 460-808628/4	T56944.D
Level 4	STD5 460-808628/5	T56945.D
Level 5	STD20 460-808628/6	T56946.D
Level 6	STD50 460-808628/7	T56947.D
Level 7	STD200 460-808628/8	T56948.D
Level 8	STD500 460-808628/9	T56949.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 48744	594 184894	990 432023	4861	19961	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 139742	1724 722356	2893 1688937	13958	57504	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 27260	277 109332	828 260952	2695	11159	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 149714	1905 730890	3467 1895466	15203	59221	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 161953	2000 699891	3529 1657264	16575	64927	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	769 145882	1849 629570	3210 1440061	15056	58290	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	QuaF	++++ 29855	1091 182508	1346 290219	6930	20253	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	Ave	++++ 59404	1005 290428	2011 ++++	9192	32941	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 224761	2826 930810	4628 1834665	25144	96534	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	++++ 169893	2300 768115	4027 1582283	19648	73943	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	++++ 34965	548 142976	976 280875	4143	14742	++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBA 9	Ave	++++ 28849	373 117824	724 ++++	3561	12555	++++ 2000	20.0 8000	40.0 ++++	200	800
Ethyl ether	FB	Ave	++++	1673	2597	12040	43982	++++	0.500	1.00	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			108473	413044	854272			50.0	200	500		
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++	1800	2980	13071	48353	++++	0.500	1.00	5.00	20.0
			118602	444912	946342			50.0	200	500		
2-Methyl-1,3-butadiene	FB	Ave	++++	1609	2715	12417	46108	++++	0.500	1.00	5.00	20.0
			116154	446273	936847			50.0	200	500		
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++	2535	4311	22387	86769	++++	0.500	1.00	5.00	20.0
			210438	808466	1816978			50.0	200	500		
Acrolein	TBAd 9	Ave	++++	1352	2615	12416	22040	++++	2.03	4.06	20.3	40.6
			51105	103766	196762			101	203	406		
1,1-Dichloroethene	FB	Ave	++++	1710	2559	14238	52340	++++	0.500	1.00	5.00	20.0
			127327	491578	1114118			50.0	200	500		
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++	1616	2609	13117	49544	++++	0.500	1.00	5.00	20.0
			120788	481499	1062156			50.0	200	500		
Acetone	BUT	Ave	++++	3442	5116	21083	83653	++++	2.50	5.00	25.0	100
			201364	785114	1827724			250	1000	2500		
Iodomethane	FB	Ave	++++	1251	2089	10472	47307	++++	0.500	1.00	5.00	20.0
			132940	536400	1039172			50.0	200	500		
Carbon disulfide	FB	Ave	++++	5662	9298	46353	177891	++++	0.500	1.00	5.00	20.0
			431449	1653102	3822133			50.0	200	500		
Isopropyl alcohol	TBAd 9	QuaF	++++	1376	2722	9423	36961	++++	5.00	10.0	50.0	200
			86705	382468	899635			500	2000	5000		
Acetonitrile	BUT	Ave	++++	1217	2114	10443	39293	++++	5.00	10.0	50.0	200
			96162	351108	768871			500	2000	5000		
3-Chloro-1-propene	FB	Ave	++++	1135	1841	10551	41819	++++	0.500	1.00	5.00	20.0
			98563	317713	766460			50.0	200	500		
Methyl acetate	FB	Ave	++++	2480	3821	20455	79717	++++	1.00	2.00	10.0	40.0
			201580	720410	1744451			100	400	1000		
Cyclopentene	FB	Ave	++++	4196	7524	36312	140690	++++	0.500	1.00	5.00	20.0
			335899	1314833	2884218			50.0	200	500		
Methylene Chloride	FB	Ave	++++	2038	3499	16003	61404	++++	0.500	1.00	5.00	20.0
			145831	565167	1318283			50.0	200	500		

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-2-propanol	TBAd 9	Ave	++++ 154011	2307 581777	4326 ++++	17266	67120	++++ 500	5.00 2000	10.0 ++++	50.0	200
Acrylonitrile	FB	Ave	2175 545470	7188 2021079	11721 4381337	58305	234372	2.00 500	5.00 2000	10.0 5000	50.0	200
trans-1,2-Dichloroethene	FB	Ave	++++ 148370	1998 556323	3102 1216875	15969	61554	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl tert-butyl ether	FB	Ave	++++ 405443	5485 1482774	8387 3323484	43643	167561	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexane	FB	Ave	++++ 145877	2103 577578	3188 1310894	16280	60761	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 265894	3372 1014410	5256 2357264	27717	109765	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	++++ 60080	809 230653	1164 553426	6635	26588	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 138982	1704 538797	2970 1191776	14753	58751	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	++++ 411282	5502 1537127	8798 3500439	45077	174105	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	++++ 418473	5060 1713019	8516 3816844	45014	179231	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	++++ 52325	725 198586	1320 454379	5697	21957	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	++++ 162294	2087 612901	3271 1424764	17811	65863	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 300097	3182 1130363	4949 2781022	27996	129828	++++ 250	2.50 1000	5.00 2500	25.0	100
Propionitrile	TBAd 9	Ave	++++ 219151	2191 821908	4396 1953055	22264	92985	++++ 500	5.00 2000	10.0 5000	50.0	200
Ethyl acetate	BUT	Ave	++++ 34406	464 133505	661 309026	3584	14635	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	++++ 150879	1917 656759	3528 1502381	15791	63042	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methacrylonitrile	FB	Ave	++++ 632351	7957 2310397	13010 4921860	68266	265645	++++ 500	5.00 2000	10.0 5000	50.0	200

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	++++ 64415	839 237303	1331 565911	7548	27803	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	++++ 40798	619 152742	921 352031	4627	17616	++++ 100	1.00 400	2.00 1000	10.0	40.0
Chloroform	FB	Ave	++++ 258926	3447 981325	5205 2238673	28064	108150	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	++++ 228827	2726 879932	4944 2036928	25192	92968	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 180956	2880 727610	3777 1666929	21109	75167	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 192170	2364 731164	4184 1650632	20636	78969	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	++++ 211671	2665 811100	4463 1852840	22918	87413	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 142387	1185 575873	2937 1349326	13453	53986	++++ 1250	12.5 5000	25.0 12500	125	500
Benzene	CBNZ d5	Ave	++++ 597094	7675 2234172	12228 5106419	64680	246495	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 184679	2773 698753	4276 1490594	20758	77392	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isooctane	FB	Ave	++++ 256828	3475 1022920	5769 2369912	27793	107481	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	++++ 57590	665 219129	1242 503659	6356	24099	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	++++ 418179	5453 1583860	8467 3686952	43620	172576	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 110807	1557 439450	2255 1010571	12105	46039	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichloroethene	FB	Ave	++++ 160615	1912 626137	3711 1478107	17394	65204	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	QuaF	++++ 100637	483 423529	954 1069756	8245	39611	++++ 1250	12.5 5000	25.0 12500	125	500
Ethyl acrylate	FB	Ave	++++	3831	6660	33854	131874	++++	0.500	1.00	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			327462	1280816	2896168			50.0	200	500		
Methylcyclohexane	FB	Ave	++++ 179450	2428 715524	3790 1639677	19334	74331	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	++++ 150134	1877 582070	3084 1372943	16069	60972	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	++++ 94000	1355 359064	1925 711795	10222	38799	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dioxane	DXE	Ave	++++ 42727	1282 160955	2361 378547	4378	18011	++++ 1000	25.0 4000	50.0 10000	100	400
Methyl methacrylate	FB	Ave	++++ 84175	916 328446	1616 770487	8529	34950	++++ 100	1.00 400	2.00 1000	10.0	40.0
n-Propyl acetate	FB	Ave	++++ 195873	2172 742752	3913 1843488	21586	85571	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	++++ 197160	2309 775450	4069 1827220	20958	81969	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	++++ 70989	1141 285778	1683 690922	7469	30073	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 26901	261 107701	468 260584	2659	11084	++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1017 285070	2636 1113827	5138 2611824	25530	115811	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 247908	2991 970741	5056 2306445	25652	100591	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 644627	7653 2495340	13135 5798951	65664	275354	++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	++++ 627049	7757 2408235	13027 5539277	66874	257195	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 225790	2837 899148	4441 2173111	23925	93934	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 194837	2023 756651	3636 1822316	19997	80647	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 110895	1433 429740	2309 1030406	12161	45343	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	++++ 133603	1523 527619	2638 1235933	14159	52721	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 226069	2924 879930	4761 2115243	23854	93652	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 469502	5412 1783687	10082 4261327	48667	196129	++++ 250	2.50 1000	5.00 2500	25.0	100
Chlorodibromomethane	CBNZ d5	Ave	++++ 141146	1828 558305	2676 1369451	14637	58294	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 136593	1819 541010	2836 1327519	14721	57333	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acetate	CBNZ d5	Ave	++++ 211313	2543 827293	4395 1994869	21718	89573	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	++++ 366051	4562 1471265	7679 3569261	38764	152115	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 132938	1571 529593	2655 1290340	13887	54739	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 198443	2296 786252	3922 1893214	20834	81542	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 242390	3078 954822	4835 2309700	25173	99931	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 229354	2729 909841	4833 2220103	24420	94454	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	+++++	5058	7640	41334	163460	+++++	0.500	1.00	5.00	20.0
			396481	1570347	3754020			50.0	200	500		
n-Butyl acrylate	CBNZ d5	Ave	+++++	1429	2344	11693	46430	+++++	0.500	1.00	5.00	20.0
			113518	439859	1062255			50.0	200	500		
Bromoform	CBNZ d5	Ave	+++++	941	1785	9057	36732	+++++	0.500	1.00	5.00	20.0
			90955	375411	939114			50.0	200	500		
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	2650	4810	24966	101084	+++++	0.500	1.00	5.00	20.0
			245270	934971	2296883			50.0	200	500		
Isopropylbenzene	CBNZ d5	Ave	+++++	7253	11577	59903	232078	+++++	0.500	1.00	5.00	20.0
			561034	2206361	5336768			50.0	200	500		
Bromobenzene	DCBd 4	Ave	+++++	1613	2714	13786	54280	+++++	0.500	1.00	5.00	20.0
			134466	542009	1349628			50.0	200	500		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	2212	3850	19689	75621	+++++	0.500	1.00	5.00	20.0
			180914	723808	1792083			50.0	200	500		
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	736	1108	5396	20742	+++++	0.500	1.00	5.00	20.0
			50482	199809	491816			50.0	200	500		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	698	966	5008	20603	+++++	0.500	1.00	5.00	20.0
			49206	208651	533390			50.0	200	500		
N-Propylbenzene	DCBd 4	Ave	+++++	8397	13800	69156	274284	+++++	0.500	1.00	5.00	20.0
			700795	2808506	6916841			50.0	200	500		
2-Chlorotoluene	DCBd 4	Ave	+++++	4921	8374	46810	179959	+++++	0.500	1.00	5.00	20.0
			401132	1574057	3676162			50.0	200	500		
4-Ethyltoluene	DCBd 4	Ave	+++++	6381	10721	54751	213796	+++++	0.500	1.00	5.00	20.0
			519533	2091843	4994916			50.0	200	500		

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	++++ 482876	5577 1913890	9633 4602365	50439	196465	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 424403	5555 1699104	8999 4074005	45181	176877	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	++++ 184618	2132 760634	3365 1862213	18457	74768	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 338427	4321 1357626	7193 3329980	36302	139932	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 433615	5666 1736947	8891 4179353	45437	177445	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 491547	6430 1991257	9949 4837384	52951	202034	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 224516	2699 918767	4455 2226052	22754	90490	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 231130	2951 950635	4476 2277308	24216	93709	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 402332	4644 1617589	8148 3935708	42199	164555	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 435891	5563 1793189	9102 4205989	45669	178728	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 346189	4441 1426056	7006 3327238	36001	143873	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 421684	4995 1705713	8674 4004178	43668	171989	++++ 50.0	0.500 200	1.00 500	5.00	20.0



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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 215071	2634 883431	4090 2111197	22272	87321	++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	++++ 202965	2496 829185	4069 1986248	20665	81684	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 211512	2522 851828	3986 2025961	21842	85431	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 36428	443 147440	759 364056	3621	14819	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 347601	4103 1402139	6875 3312720	35377	139390	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 117250	1423 476963	2327 1118893	11793	46931	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 108205	1337 421439	1957 978275	11112	43276	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	++++ 358256	4436 1325742	7883 2933363	37219	147737	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 38499	540 150828	807 351435	4233	15790	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 86684	1085 321235	1760 723785	8820	34866	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	152488 140302	152240 136049	148661 124247	149649	146886	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	183873 162248	180500 158008	178050 138087	174146	167270	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	557126	551225	552678	552914	546761	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 808628

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2021 07:50 Calibration End Date: 10/22/2021 10:18 Calibration ID: 87742

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			532201	524486	520920			50.0	50.0	50.0		
4-Bromofluorobenzene	CBNZ d5	Ave	145927	142326	141841	141509	140558	50.0	50.0	50.0	50.0	50.0
			136440	141598	148024			50.0	50.0	50.0		

Curve Type Legend

Ave = Average ISTD

QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D  
 Lims ID: STD8  
 Client ID:  
 Sample Type: IC Calib Level: 8  
 Inject. Date: 22-Oct-2021 07:50:28 ALS Bottle#: 0 Worklist Smp#: 2  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD8  
 Misc. Info.: 460-0136419-002  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:08 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 09:27:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.761	0.762	-0.001	55	769	0.2500	0.2377	
* 31 TBA-d9 (IS)	66	1.505	1.512	-0.007	97	57421	1000.0	1000.0	
33 Acrylonitrile	53	1.621	1.615	0.006	59	2175	2.00	1.86	
* 42 2-Butanone-d5	46	2.206	2.207	0.000	67	382844	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	2.572	2.572	0.000	95	152488	50.0	51.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.822	2.822	0.000	92	183873	50.0	52.7	
* 65 Fluorobenzene	96	3.109	3.109	0.000	98	590254	50.0	50.0	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	1	40920	1000.0	1000.0	
80 Epichlorohydrin	57	4.322	4.316	0.006	56	1017	5.00	3.50	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	99	557126	50.0	50.0	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	414000	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	82	145927	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	97	188258	50.0	50.0	

## QC Flag Legend

Processing Flags

**Reagents:**

8260MIX1COMB_00145	Amount Added: 0.00	Units: uL	
ACROLEIN W_00132	Amount Added: 0.00	Units: uL	
GASES Li_00444	Amount Added: 2.50	Units: uL	
ACRY/EPIH MIX_00091	Amount Added: 20.00	Units: uL	
Ethanol mix_00057	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00116	Amount Added: 0.00	Units: uL	
MIX I Hi_00143	Amount Added: 0.00	Units: uL	
14DIOXINTER_00134	Amount Added: 0.00	Units: uL	
524freon_00044	Amount Added: 0.00	Units: uL	
GAS Hi_00399	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 2

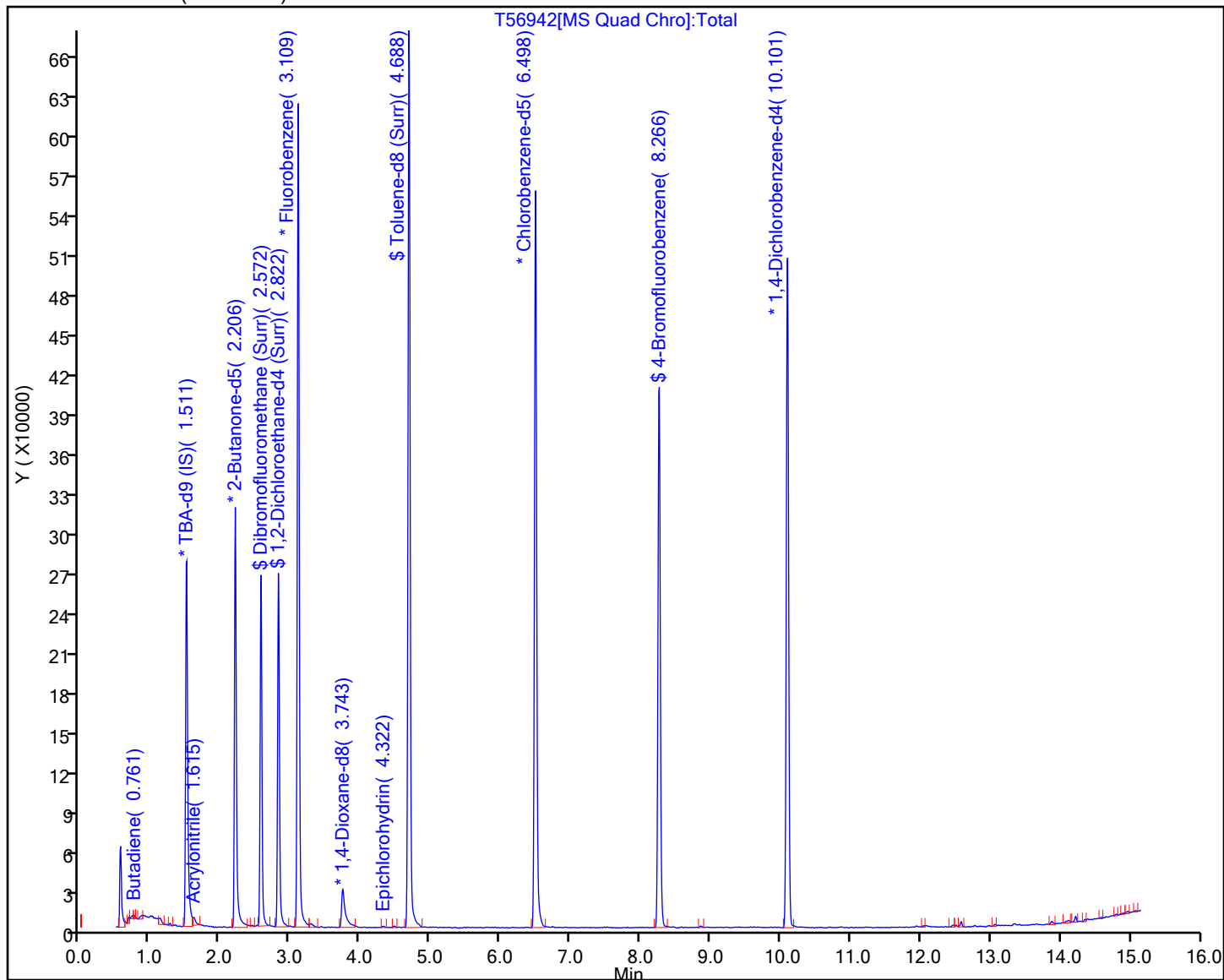
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

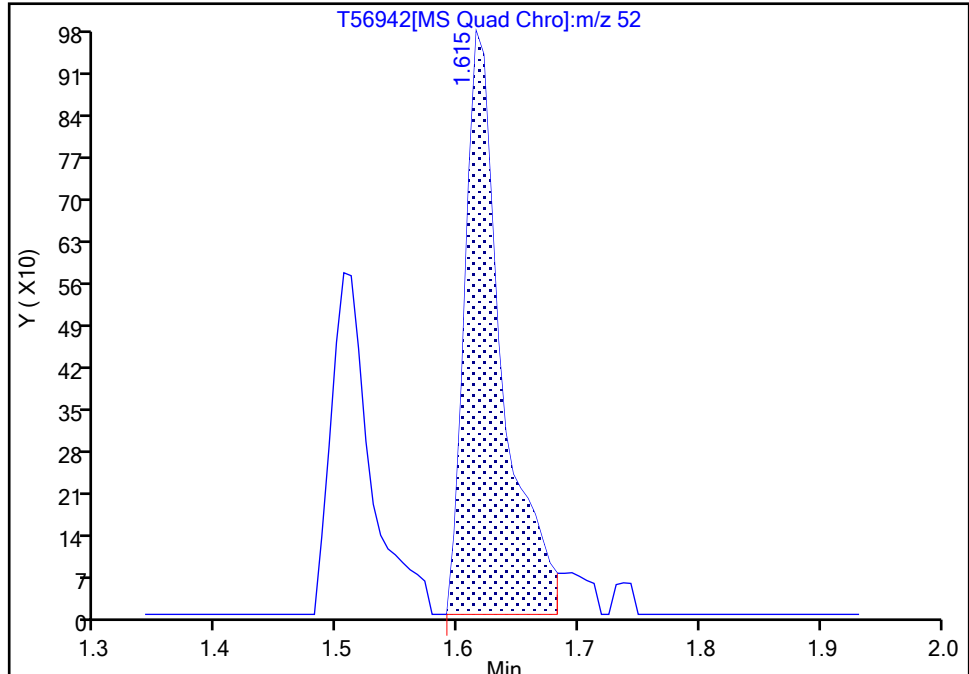
Detector: MS Quad

**33 Acrylonitrile, CAS: 107-13-1**

Signal: 2

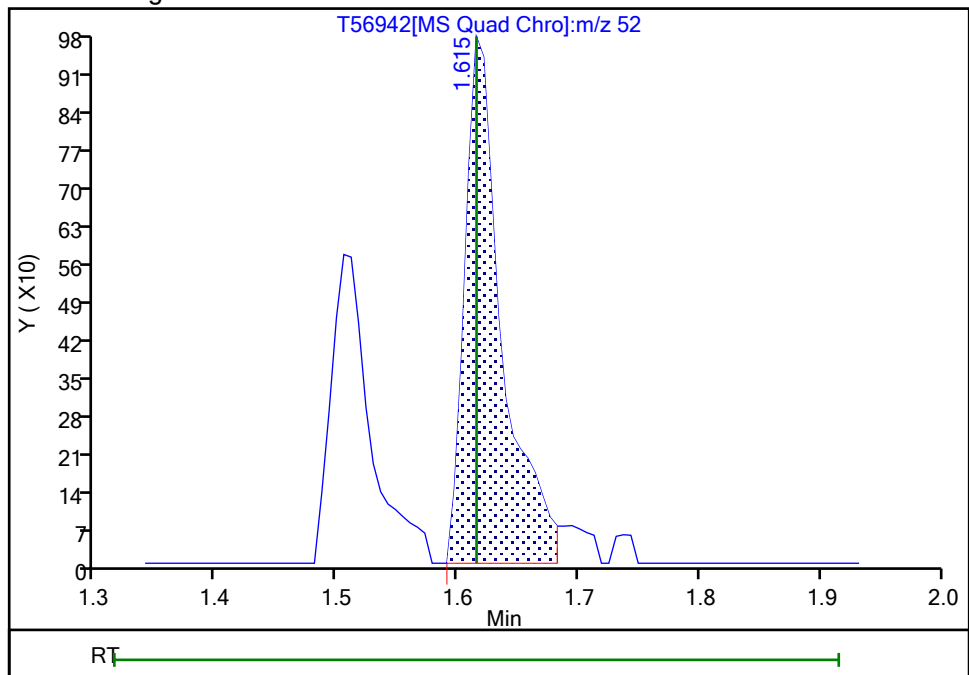
RT: 1.61  
Area: 2103  
Amount: 1.848224  
Amount Units: ug/l

## Processing Integration Results



RT: 1.61  
Area: 2103  
Amount: 1.859046  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:50:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

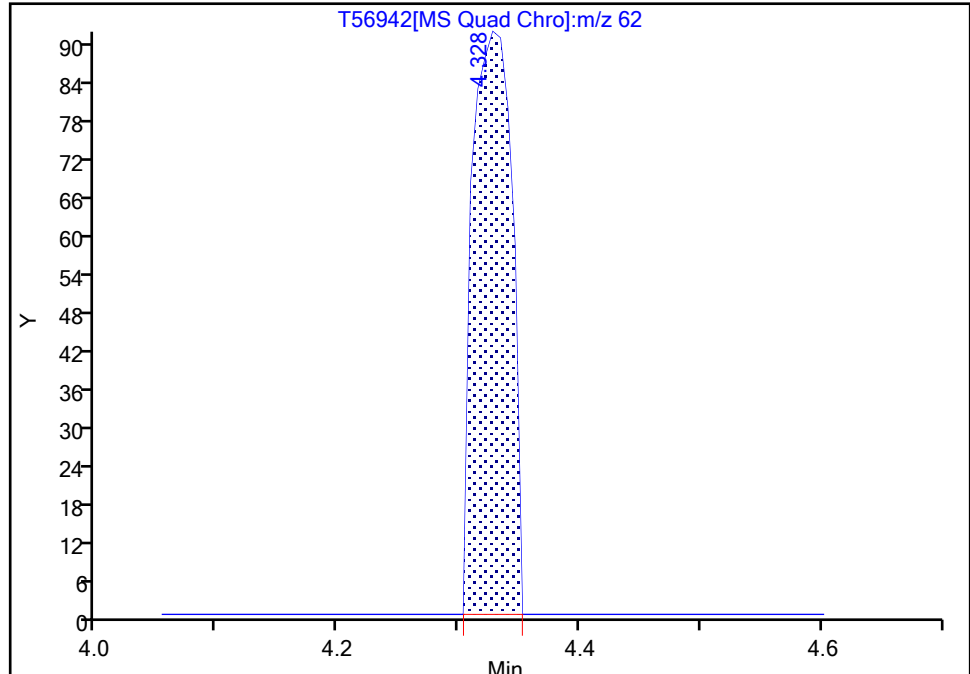
Detector: MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 2

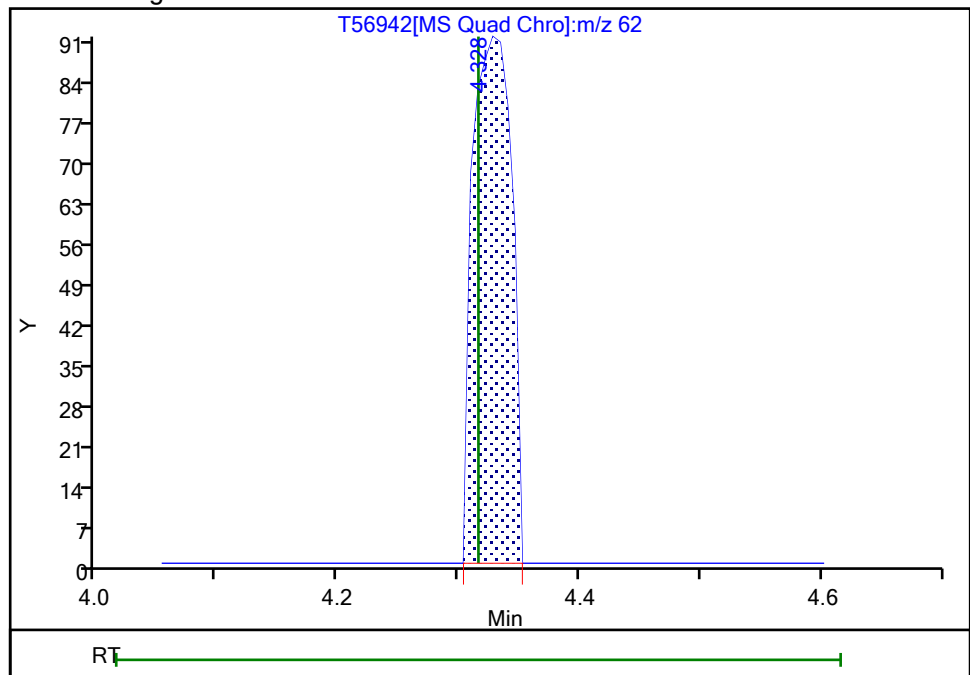
RT: 4.33  
Area: 205  
Amount: 3.921407  
Amount Units: ug/l

## Processing Integration Results



RT: 4.33  
Area: 205  
Amount: 3.501728  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:50:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

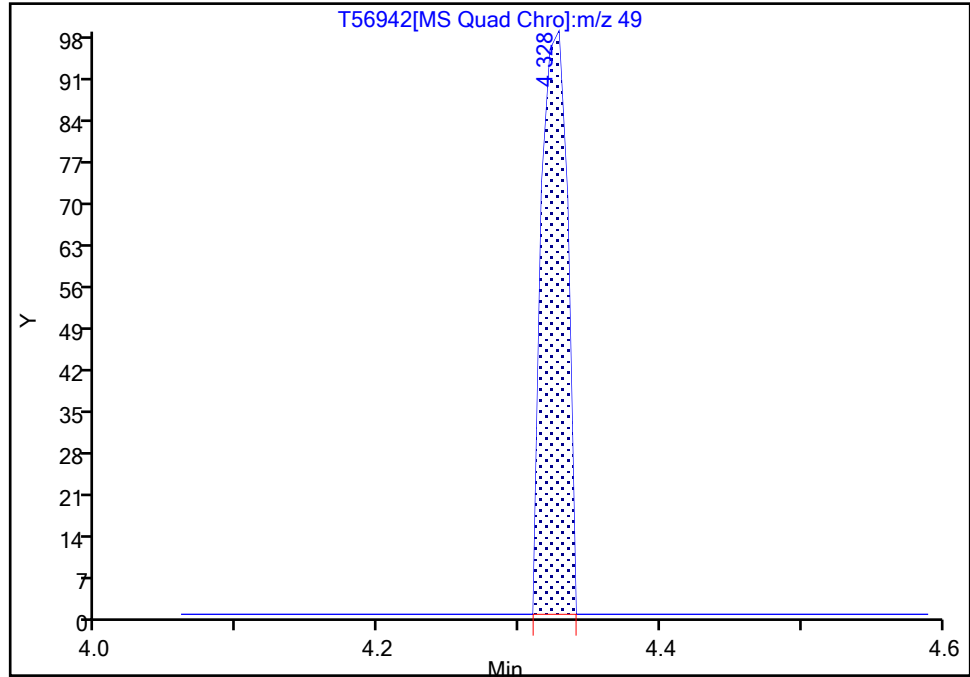
MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 3

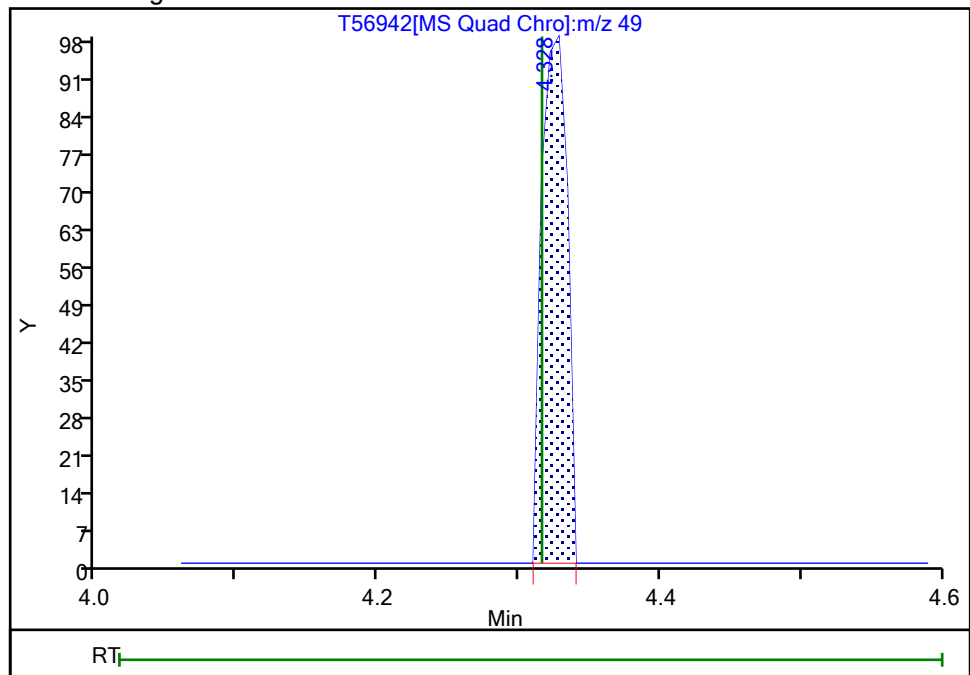
RT: 4.33  
Area: 124  
Amount: 3.921407  
Amount Units: ug/l

## Processing Integration Results



RT: 4.33  
Area: 124  
Amount: 3.501728  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:50:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

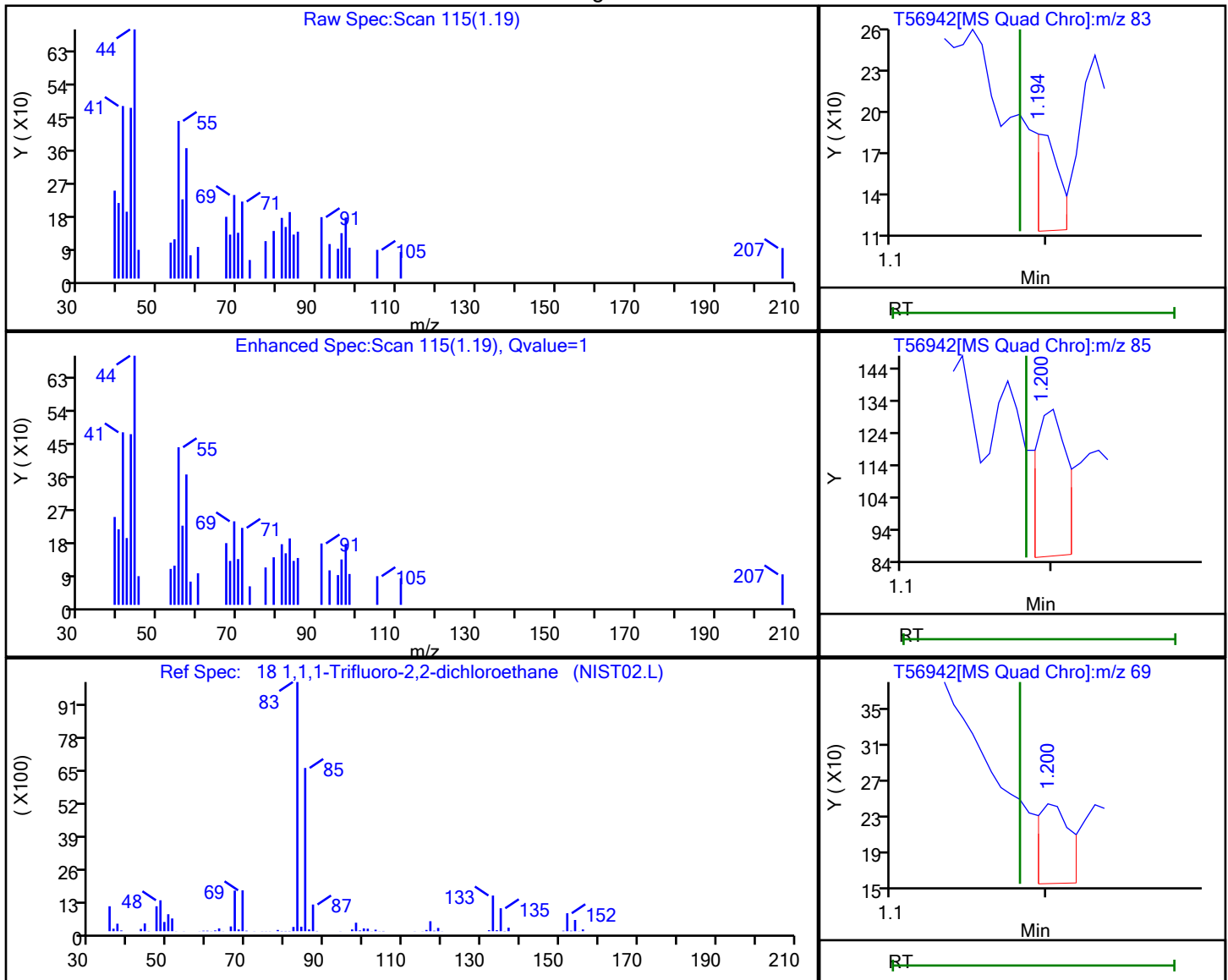
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

## Processing Results



RT	Mass	Response	Amount
1.19	83.00	69	0.014540
1.20	85.00	69	
1.20	69.00	132	
1.21	67.00	196	

Reviewer: desais, 22-Oct-2021 09:49:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

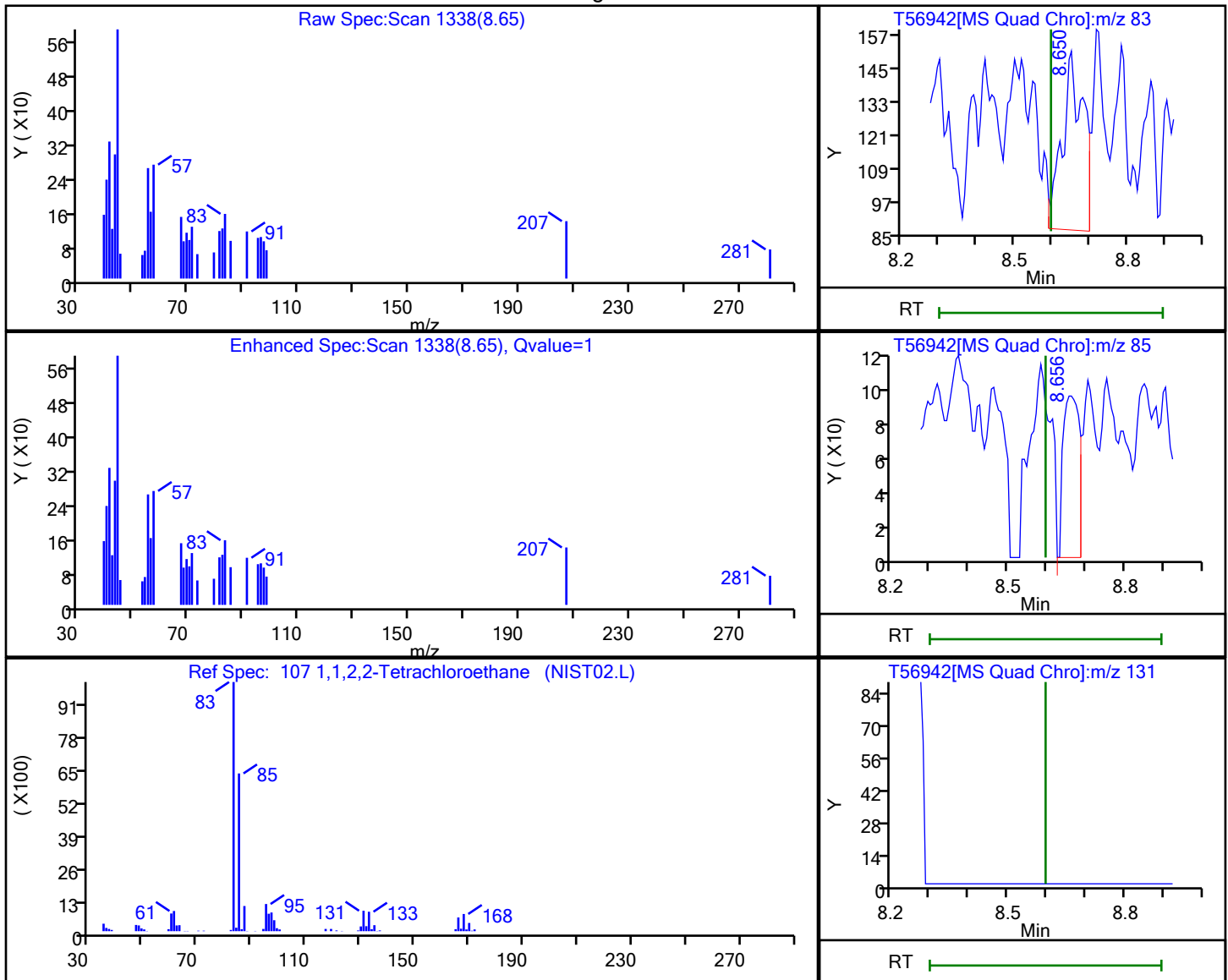
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

## Processing Results



RT	Mass	Response	Amount
8.65	83.00	257	0.064247
8.66	85.00	270	
8.60	131.00	0	

Reviewer: desais, 22-Oct-2021 09:50:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

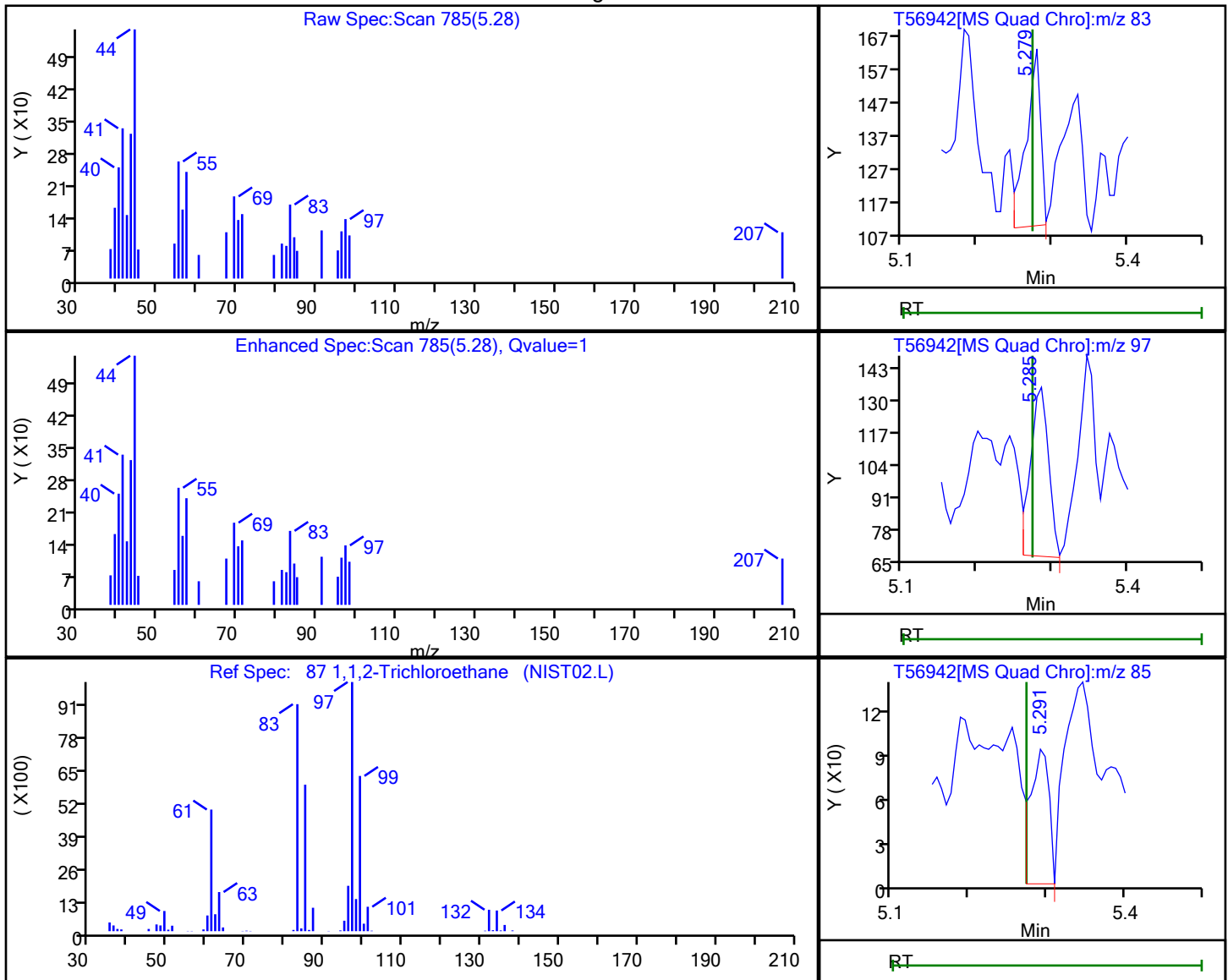
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 87 1,1,2-Trichloroethane, CAS: 79-00-5

## Processing Results



RT	Mass	Response	Amount
5.28	83.00	74	0.030802
5.29	97.00	118	
5.29	85.00	156	

Reviewer: desais, 22-Oct-2021 09:50:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

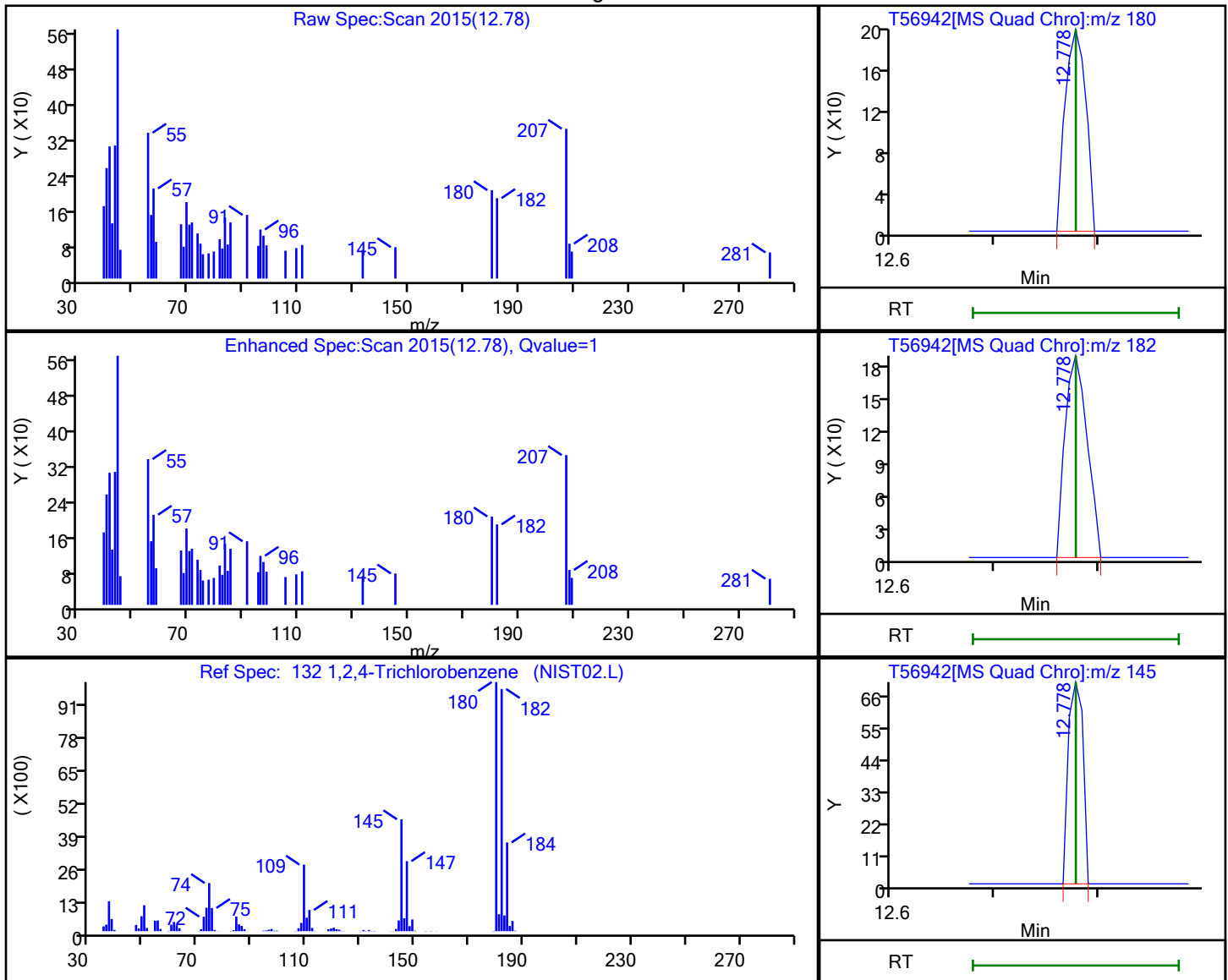
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 132 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



RT	Mass	Response	Amount
12.78	180.00	276	0.126095
12.78	182.00	270	
12.78	145.00	70	

Reviewer: desais, 22-Oct-2021 09:50:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

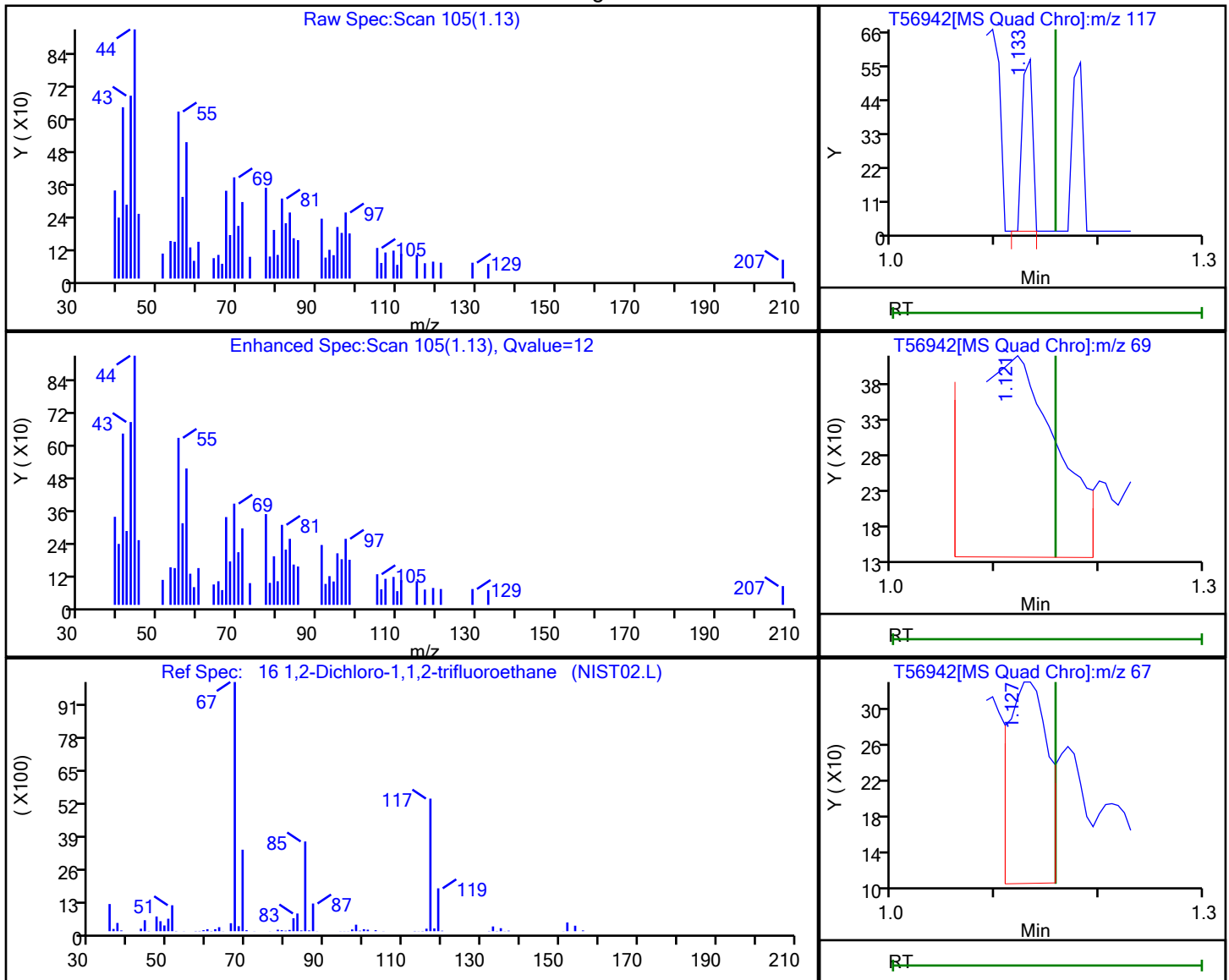
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

## Processing Results



RT	Mass	Response	Amount
1.13	117.00	40	0.014541
1.12	69.00	1707	
1.13	67.00	600	
1.13	119.00	92	

Reviewer: desais, 22-Oct-2021 09:49:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

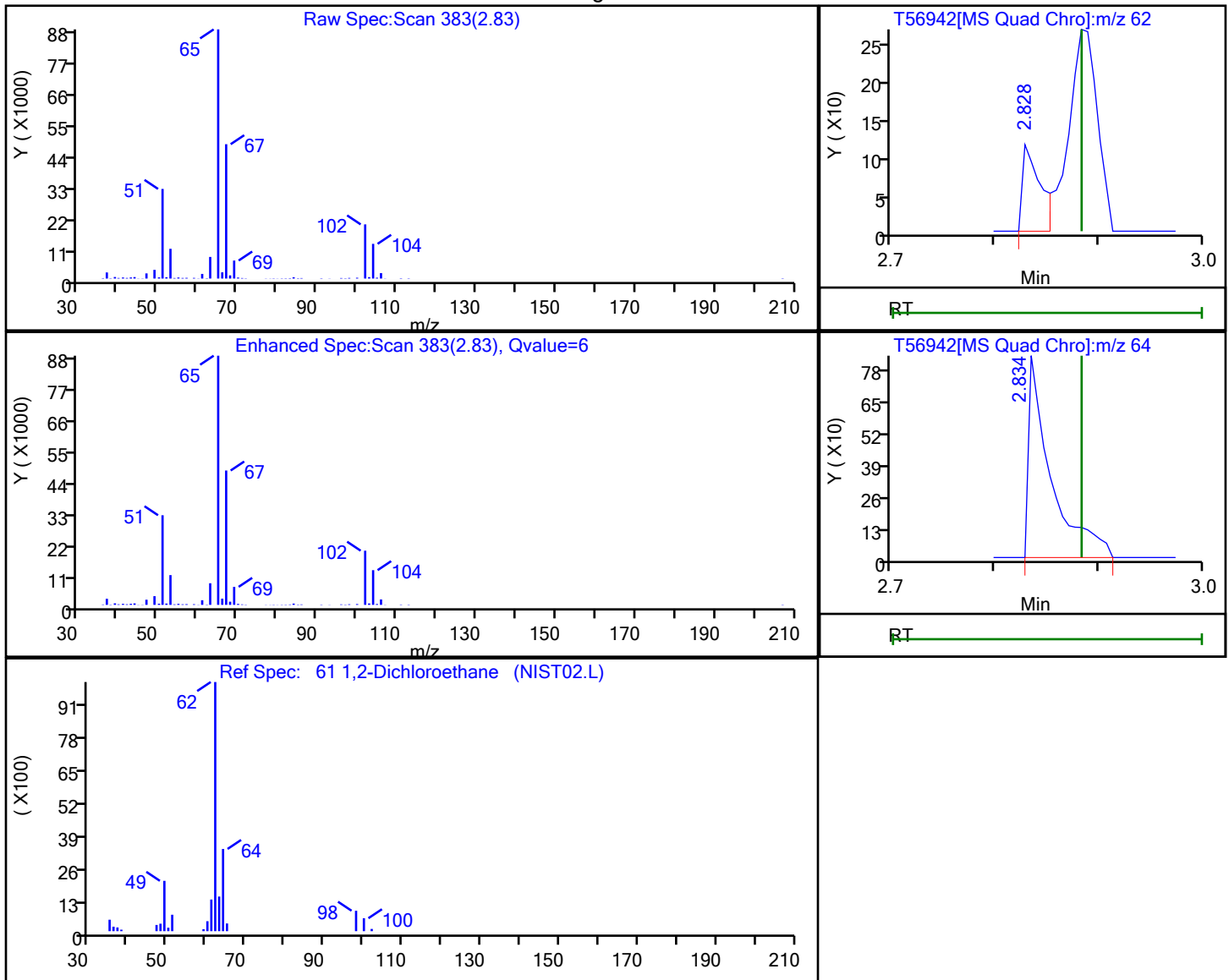
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

## 61 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



RT	Mass	Response	Amount
2.83	62.00	138	0.032664
2.83	64.00	1243	

Reviewer: desais, 22-Oct-2021 09:50:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

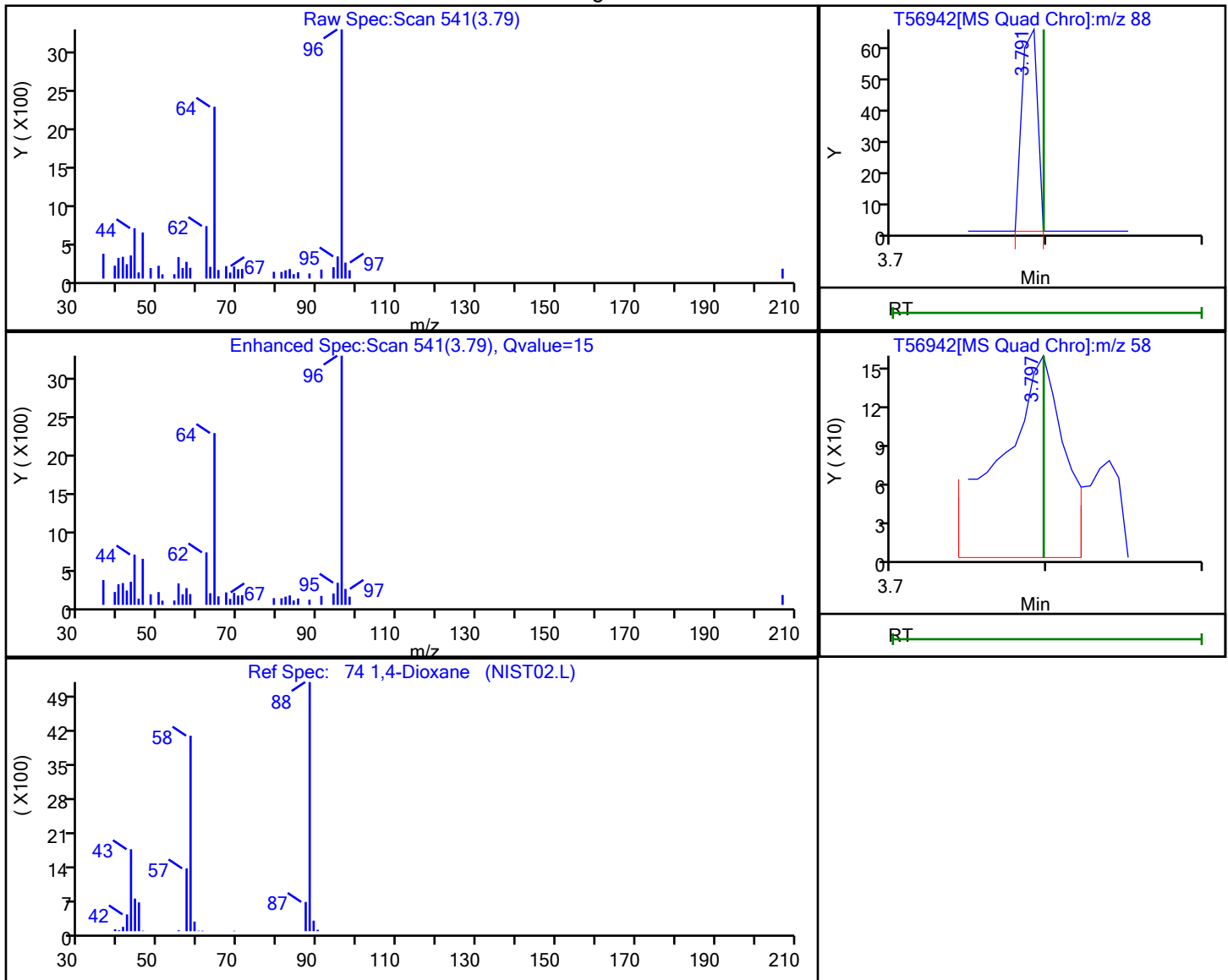
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 74 1,4-Dioxane, CAS: 123-91-1

## Processing Results



Reviewer: desais, 22-Oct-2021 09:50:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

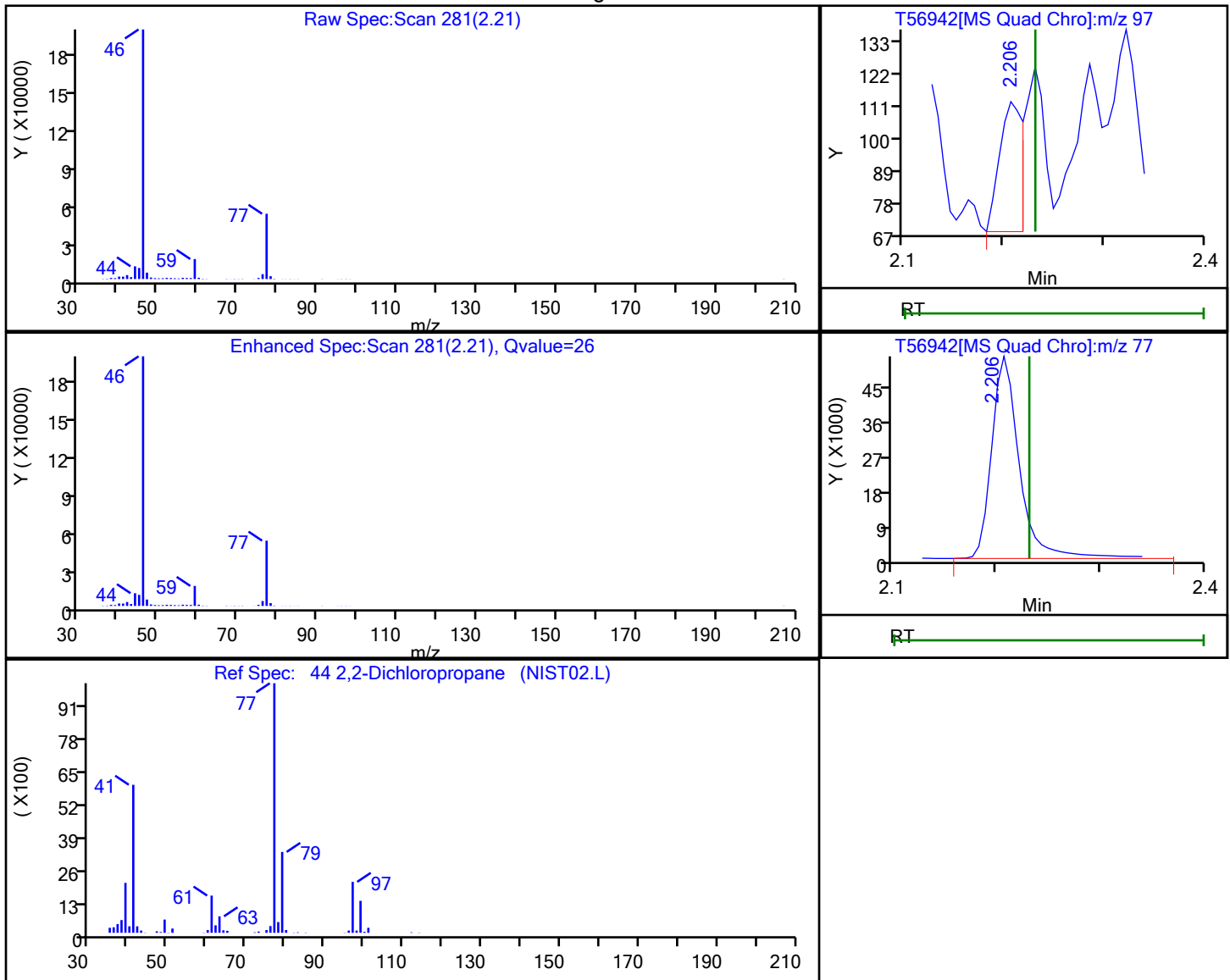
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 44 2,2-Dichloropropane, CAS: 594-20-7

## Processing Results



RT	Mass	Response	Amount
2.21	97.00	73	0.055292
2.21	77.00	98322	

Reviewer: desais, 22-Oct-2021 09:50:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

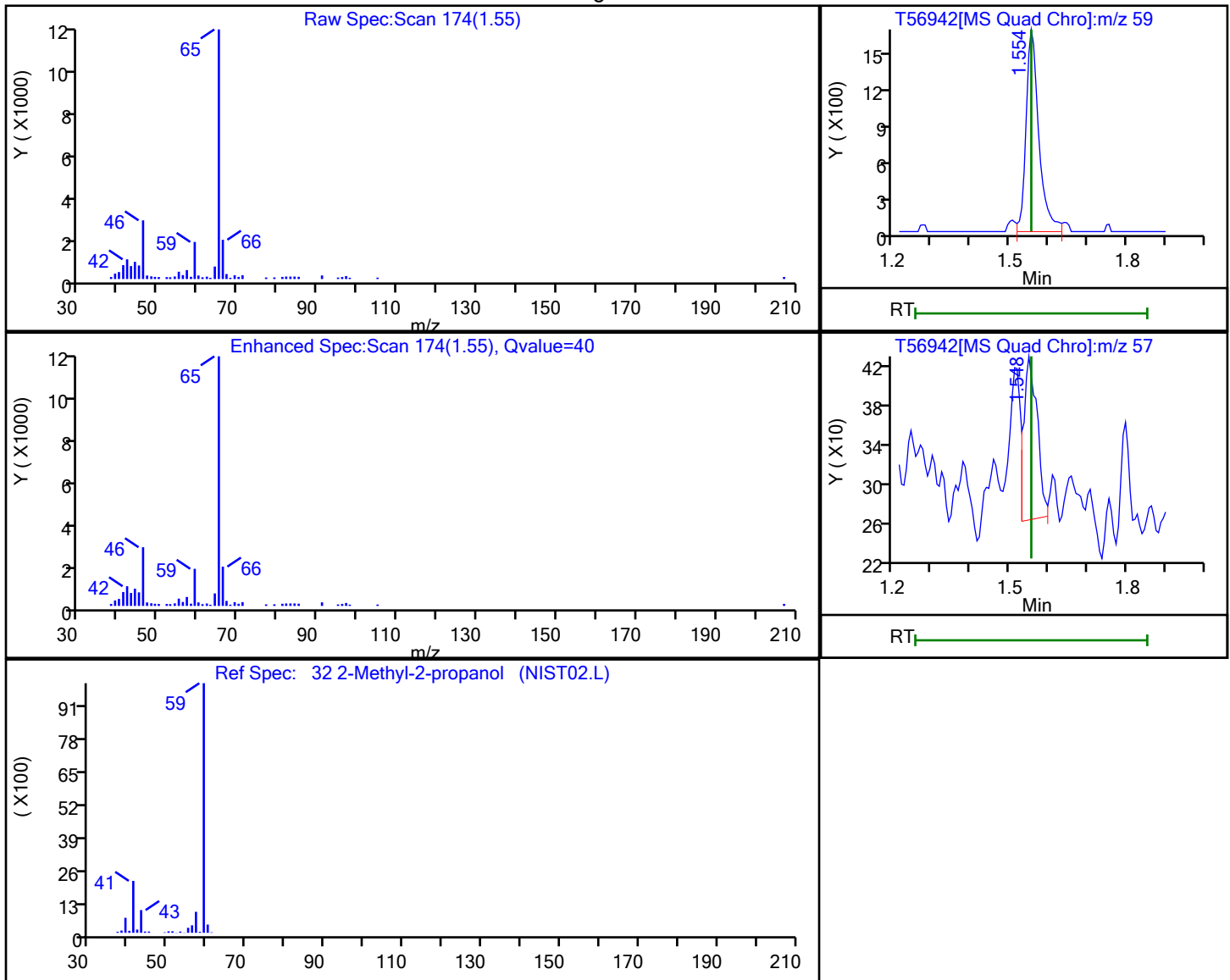
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 32 2-Methyl-2-propanol, CAS: 75-65-0

## Processing Results



RT	Mass	Response	Amount
1.55	59.00	3867	10.073497
1.55	57.00	383	

Reviewer: desais, 22-Oct-2021 09:50:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

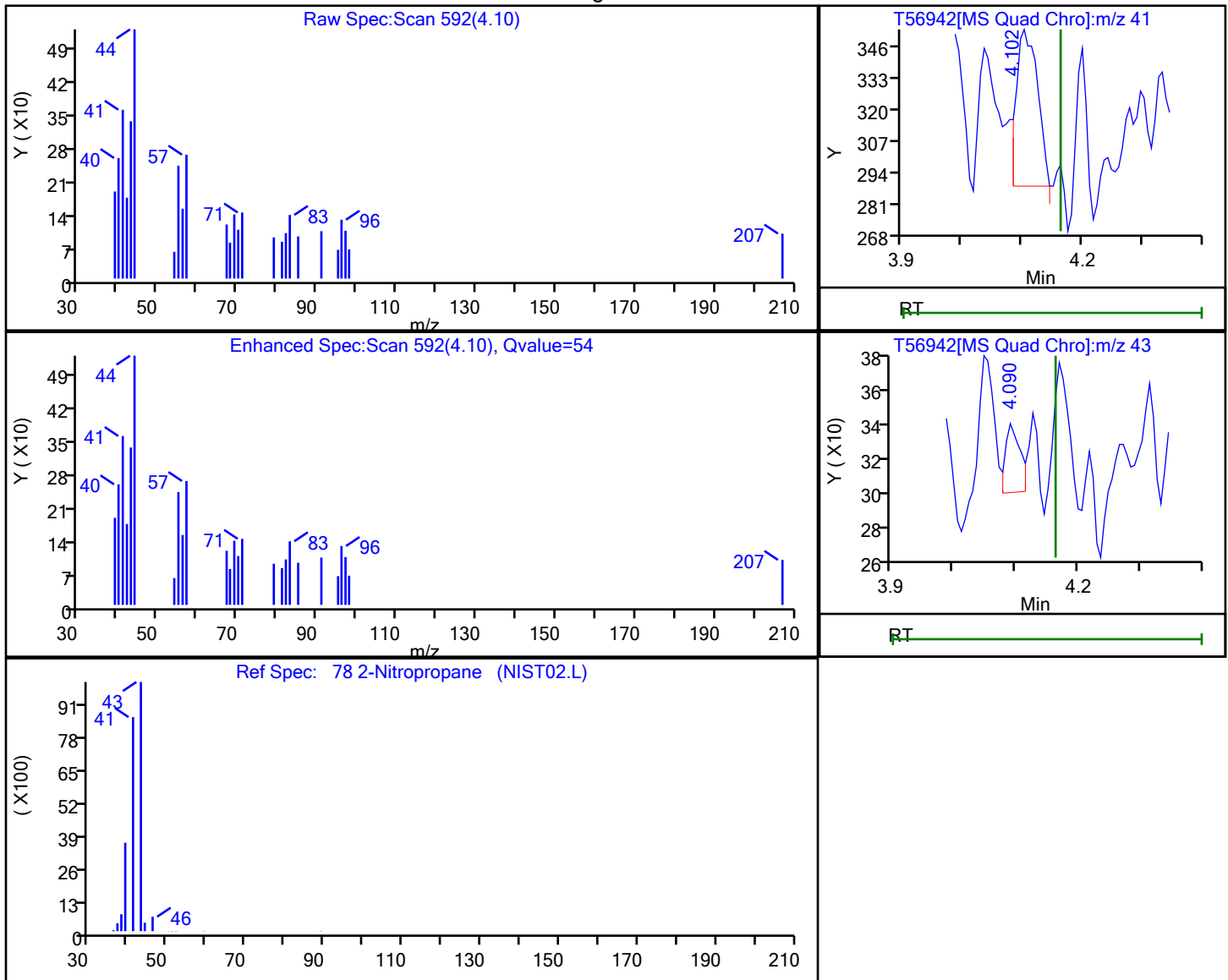
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 78 2-Nitropropane, CAS: 79-46-9

## Processing Results



RT	Mass	Response	Amount
4.10	41.00	162	0.200831
4.09	43.00	66	

Reviewer: desais, 22-Oct-2021 09:50:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

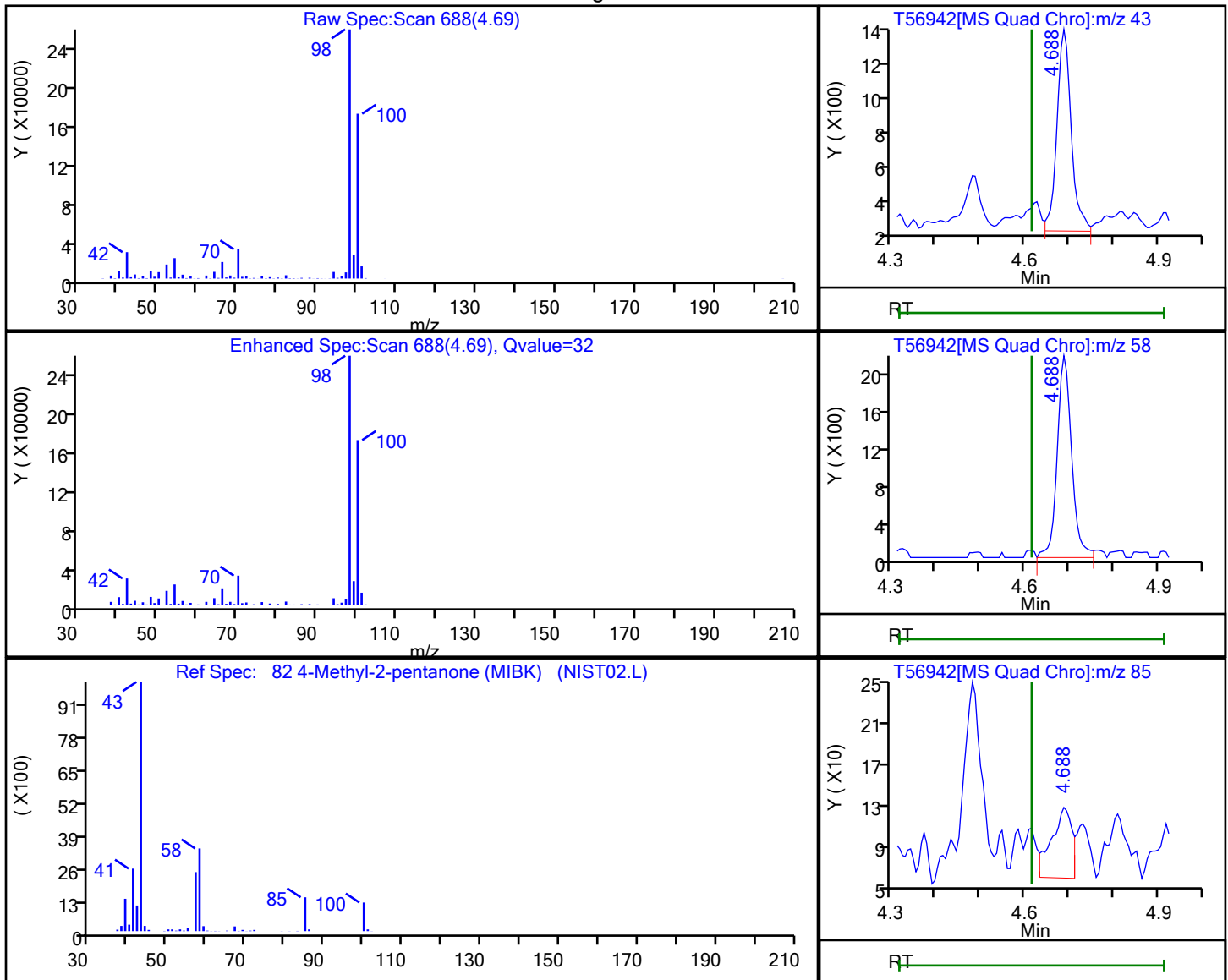
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

## Processing Results



RT	Mass	Response	Amount
4.69	43.00	2357	0.849215
4.69	58.00	4818	
4.69	85.00	211	
4.69	100.00	365743	

Reviewer: desais, 22-Oct-2021 09:50:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

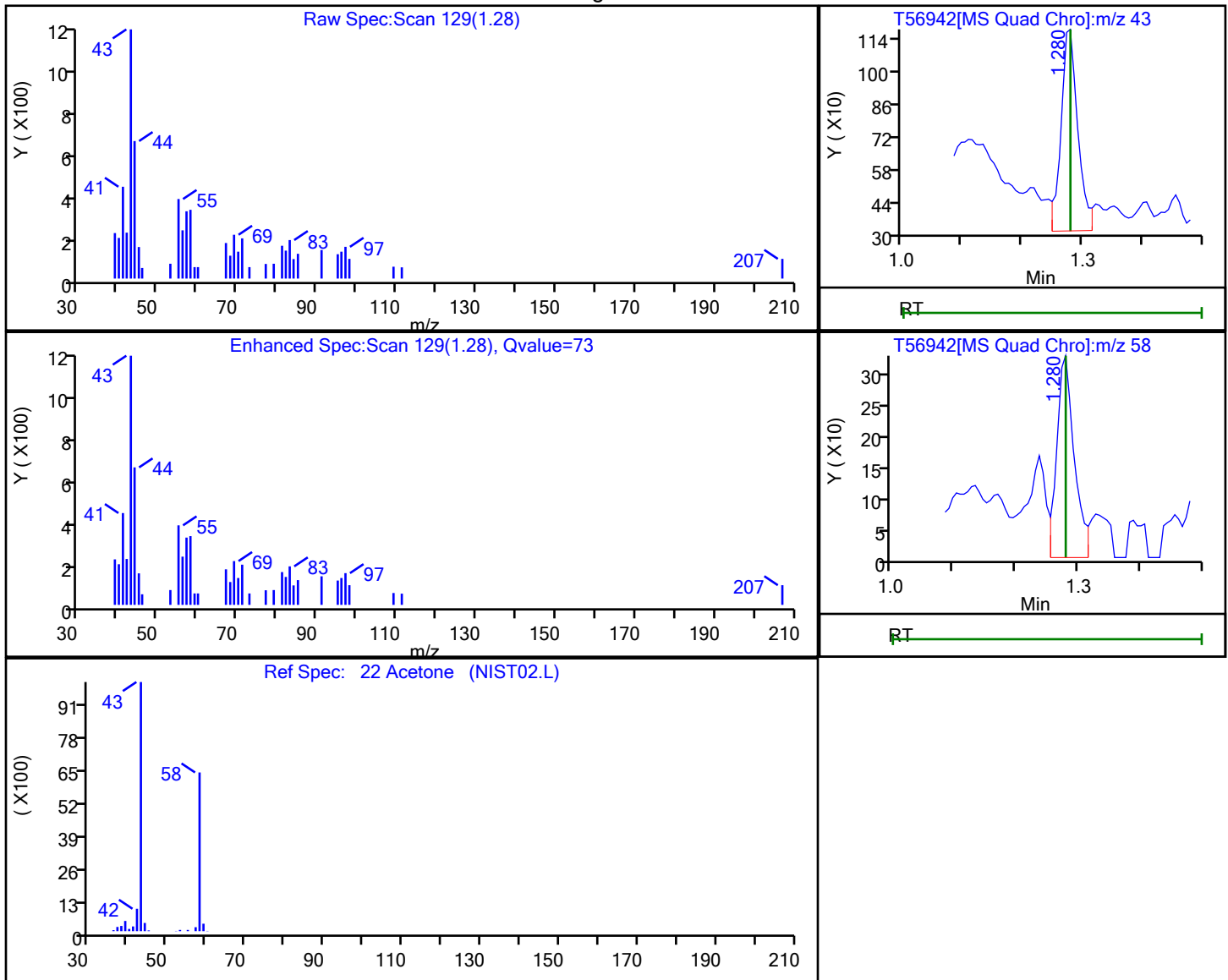
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 22 Acetone, CAS: 67-64-1

## Processing Results



RT	Mass	Response	Amount
1.28	43.00	1719	1.840746
1.28	58.00	645	

Reviewer: desais, 22-Oct-2021 09:49:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

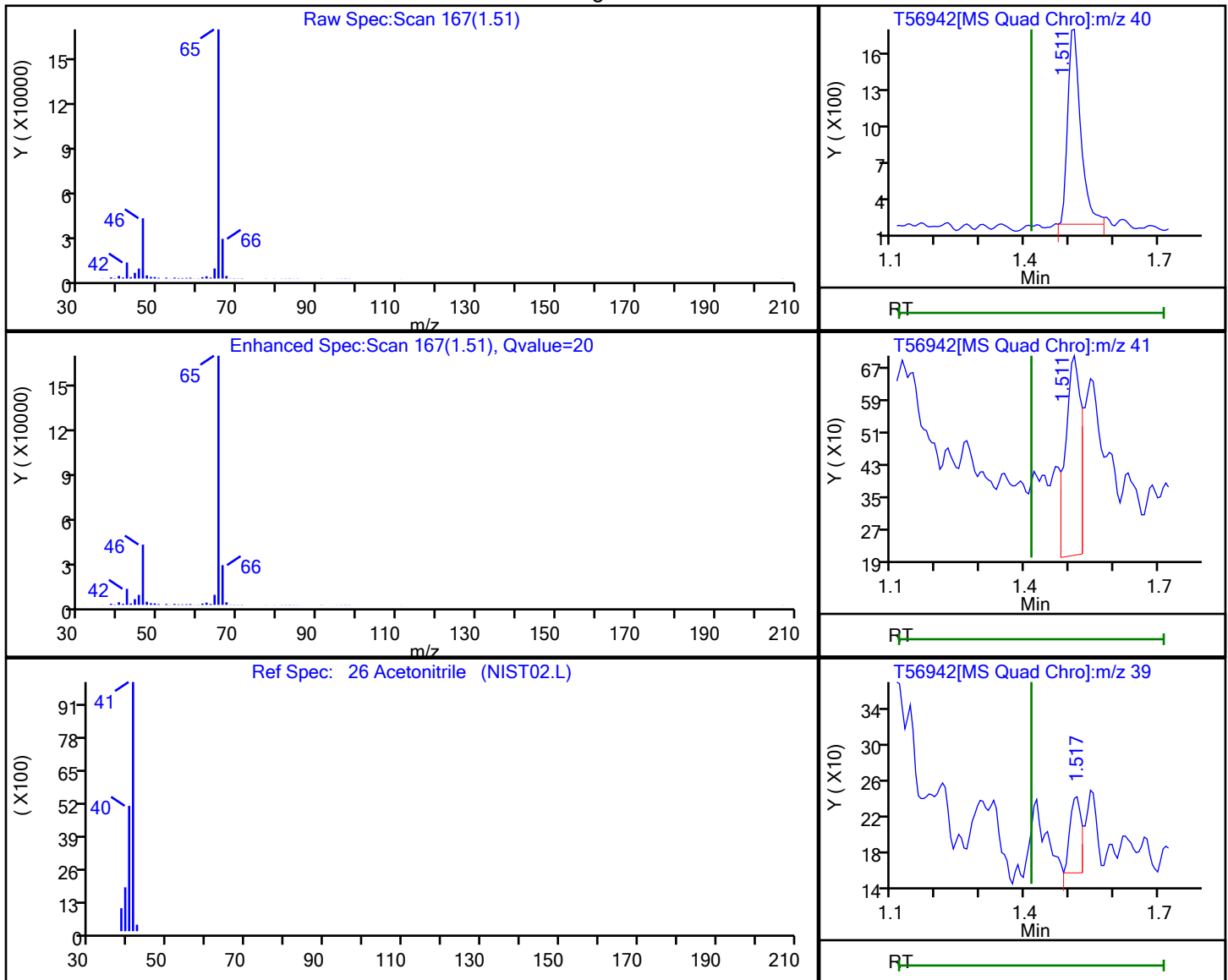
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 26 Acetonitrile, CAS: 75-05-8

## Processing Results



RT	Mass	Response	Amount
1.51	40.00	3154	14.764771
1.51	41.00	1207	
1.52	39.00	147	
1.51	38.00	1732	

Reviewer: desais, 22-Oct-2021 09:49:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

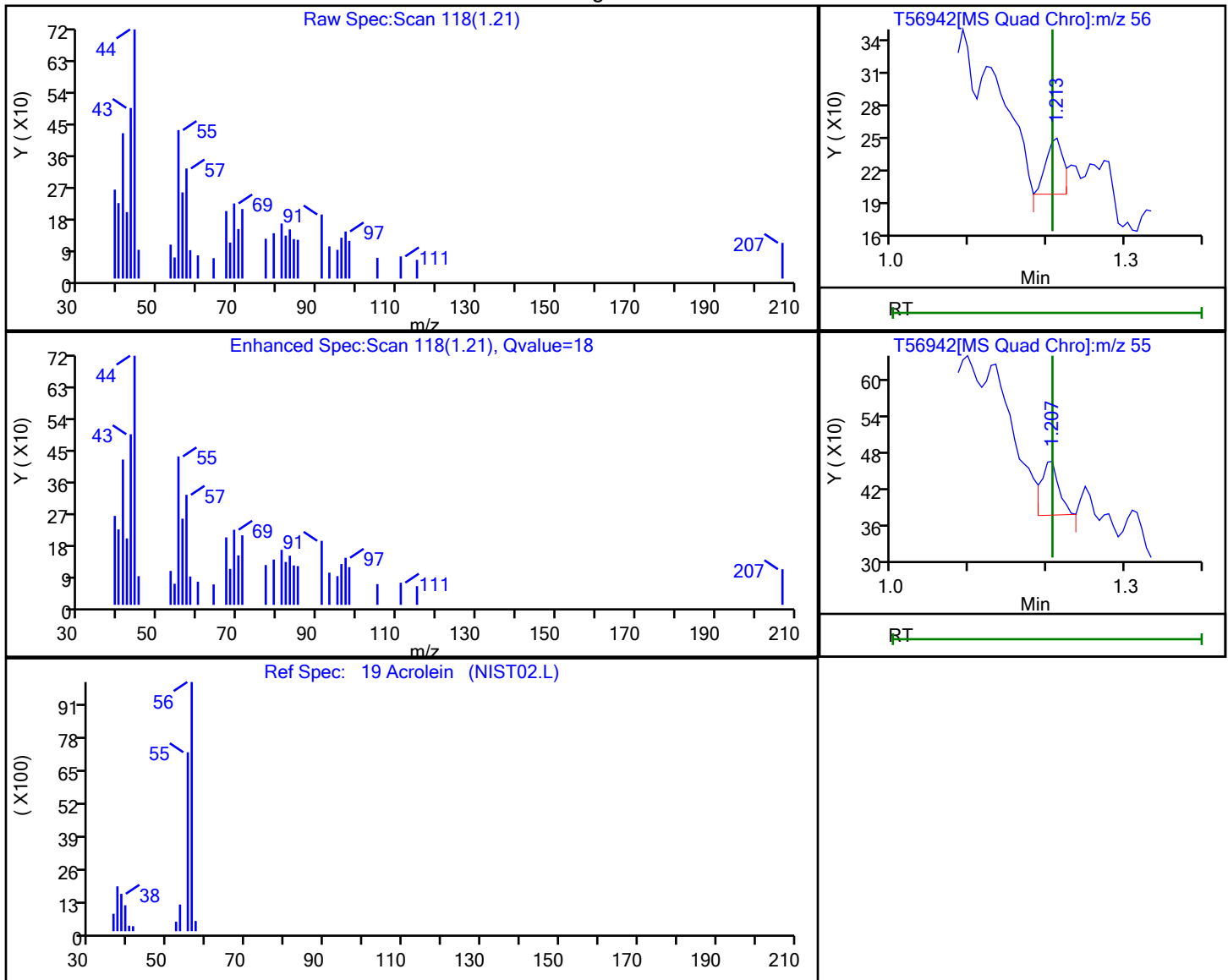
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 19 Acrolein, CAS: 107-02-8

## Processing Results



RT	Mass	Response	Amount
1.21	56.00	78	0.125419
1.21	55.00	142	

Reviewer: desais, 22-Oct-2021 09:49:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

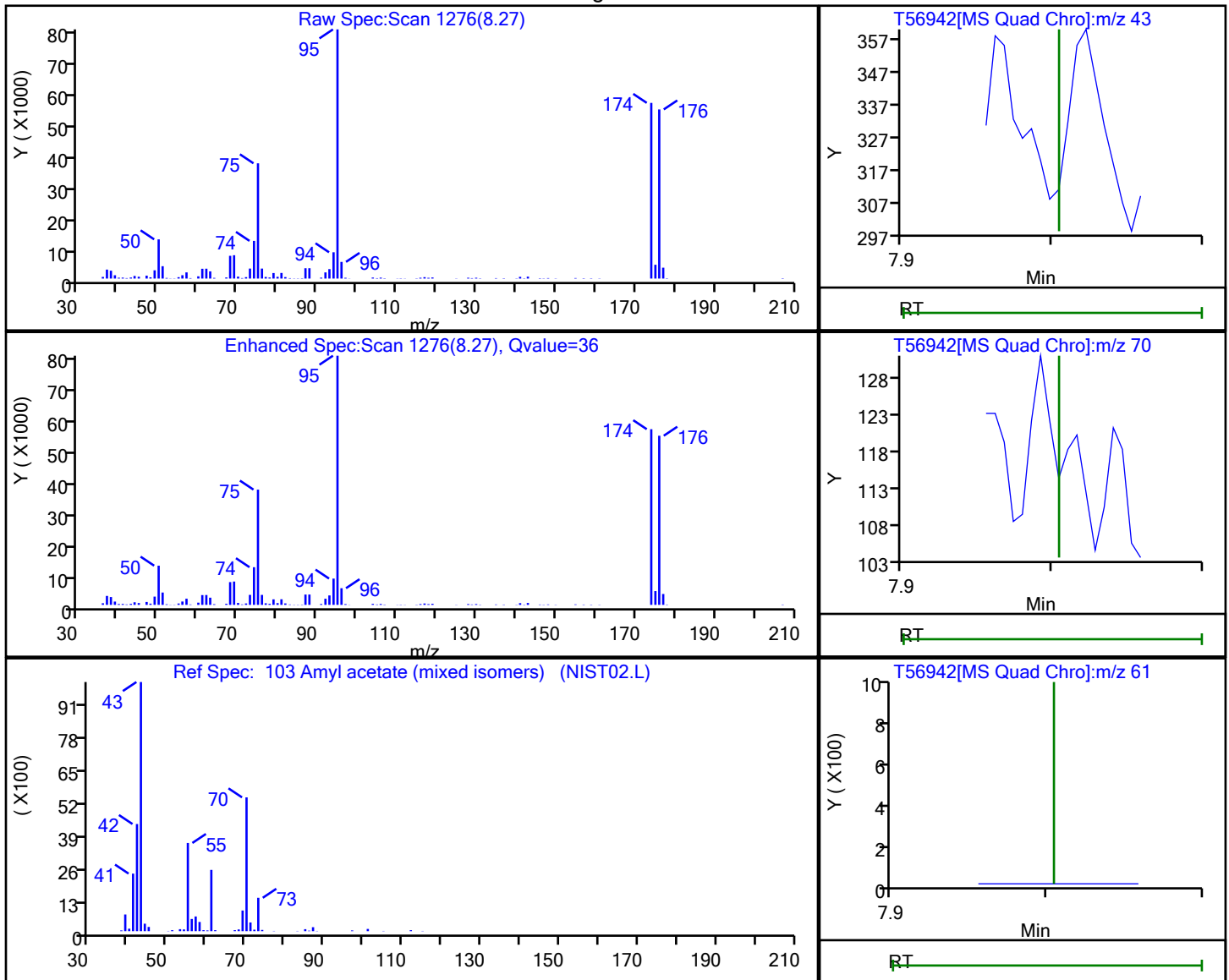
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 103 Amyl acetate (mixed isomers), CAS: 628-63-7

## Processing Results



RT	Mass	Response	Amount
8.27	43.00	49	0.009558
8.26	70.00	1551	
8.26	61.00	8807	

Reviewer: desais, 22-Oct-2021 09:50:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

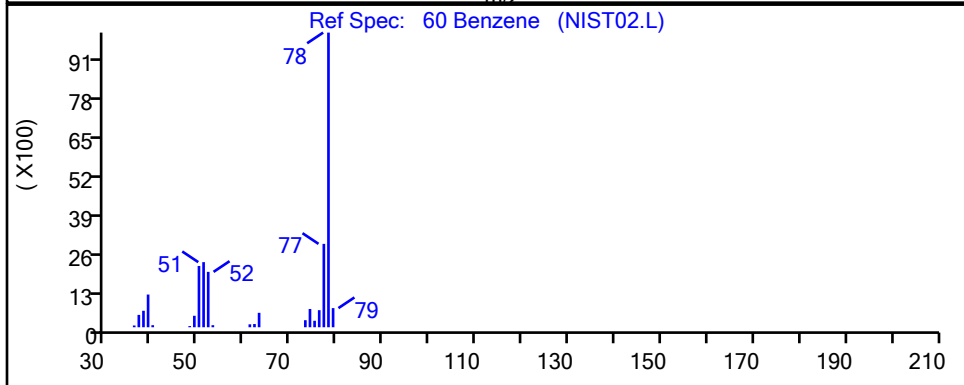
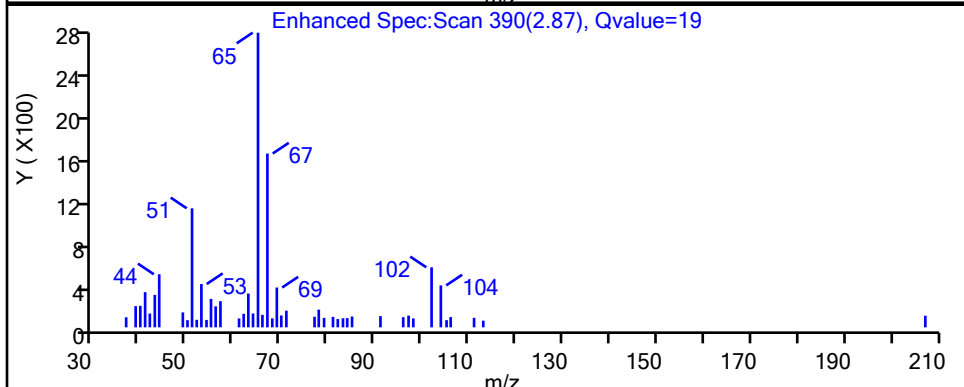
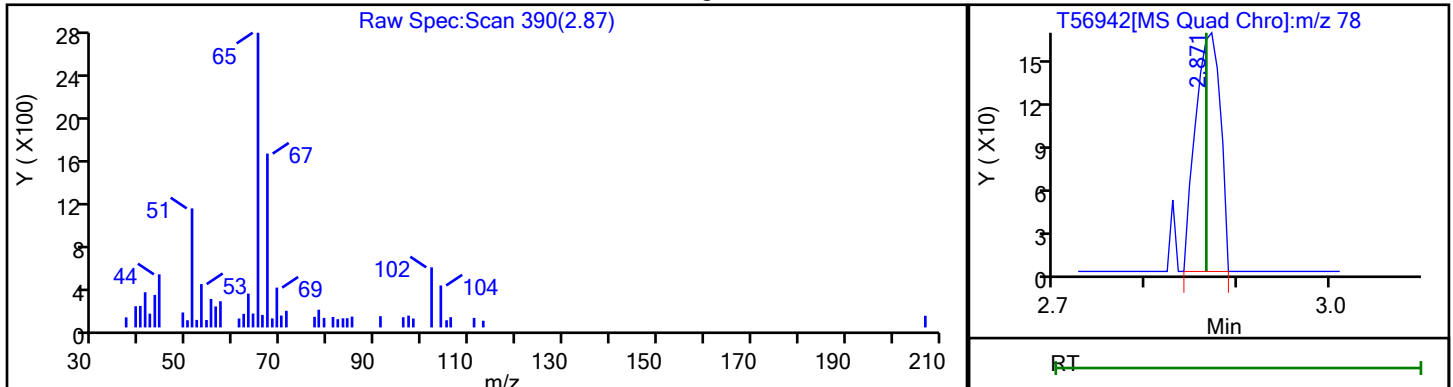
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 60 Benzene, CAS: 71-43-2

## Processing Results



RT	Mass	Response	Amount
2.87	78.00	315	0.024511

Reviewer: desais, 22-Oct-2021 09:50:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

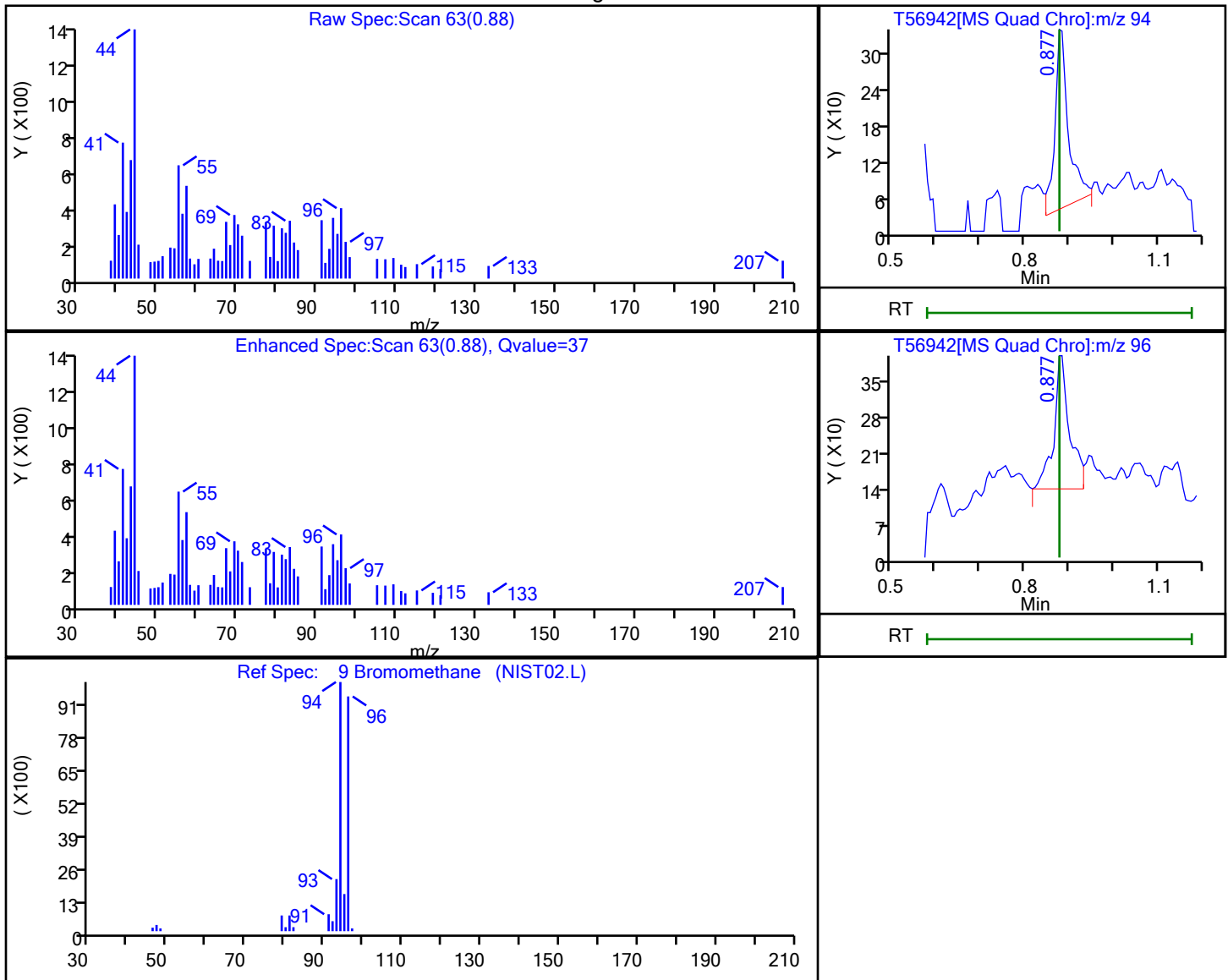
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 9 Bromomethane, CAS: 74-83-9

## Processing Results



RT	Mass	Response	Amount
0.88	94.00	641	0.400894
0.88	96.00	646	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

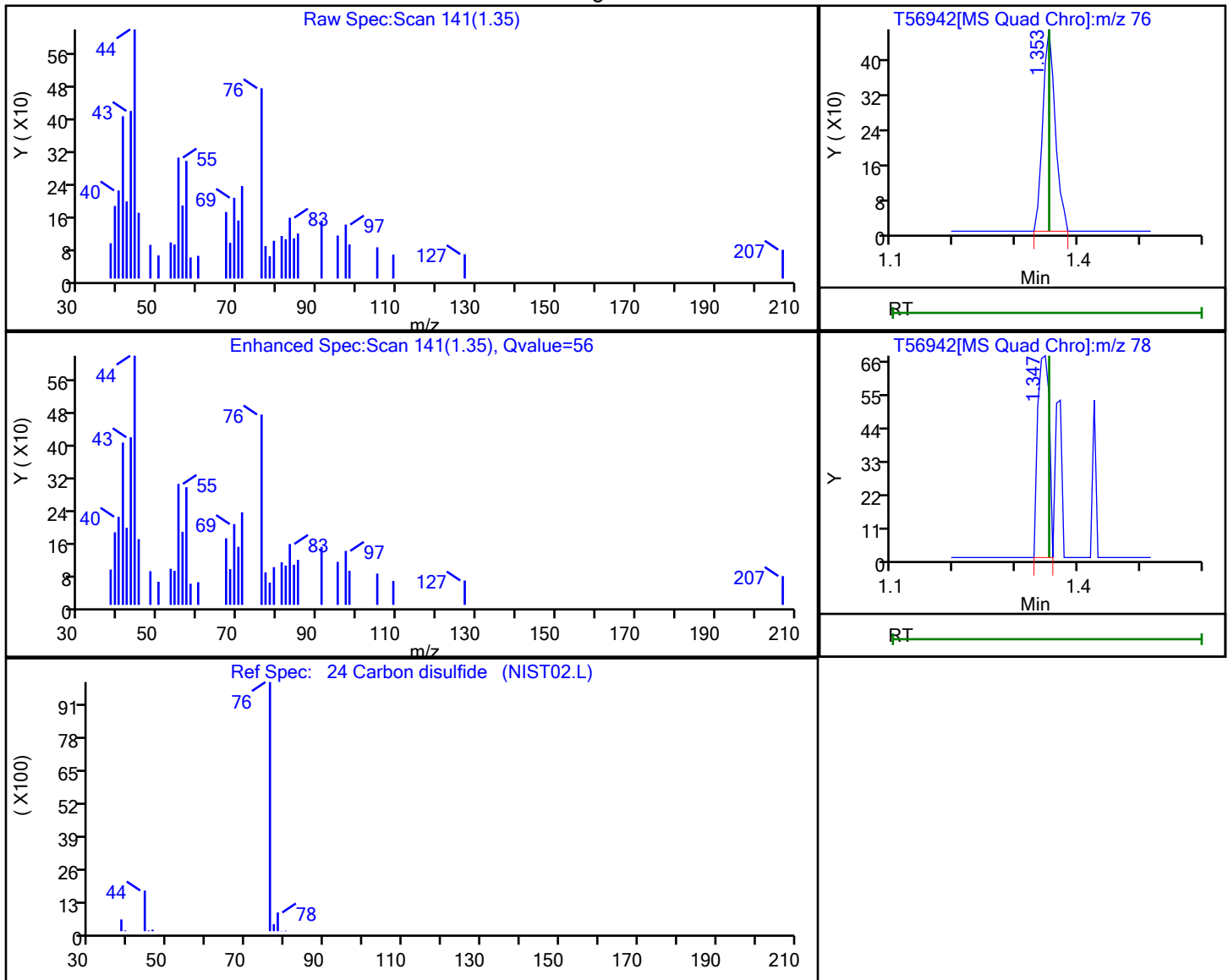
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 24 Carbon disulfide, CAS: 75-15-0

## Processing Results



Reviewer: desais, 22-Oct-2021 09:49:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

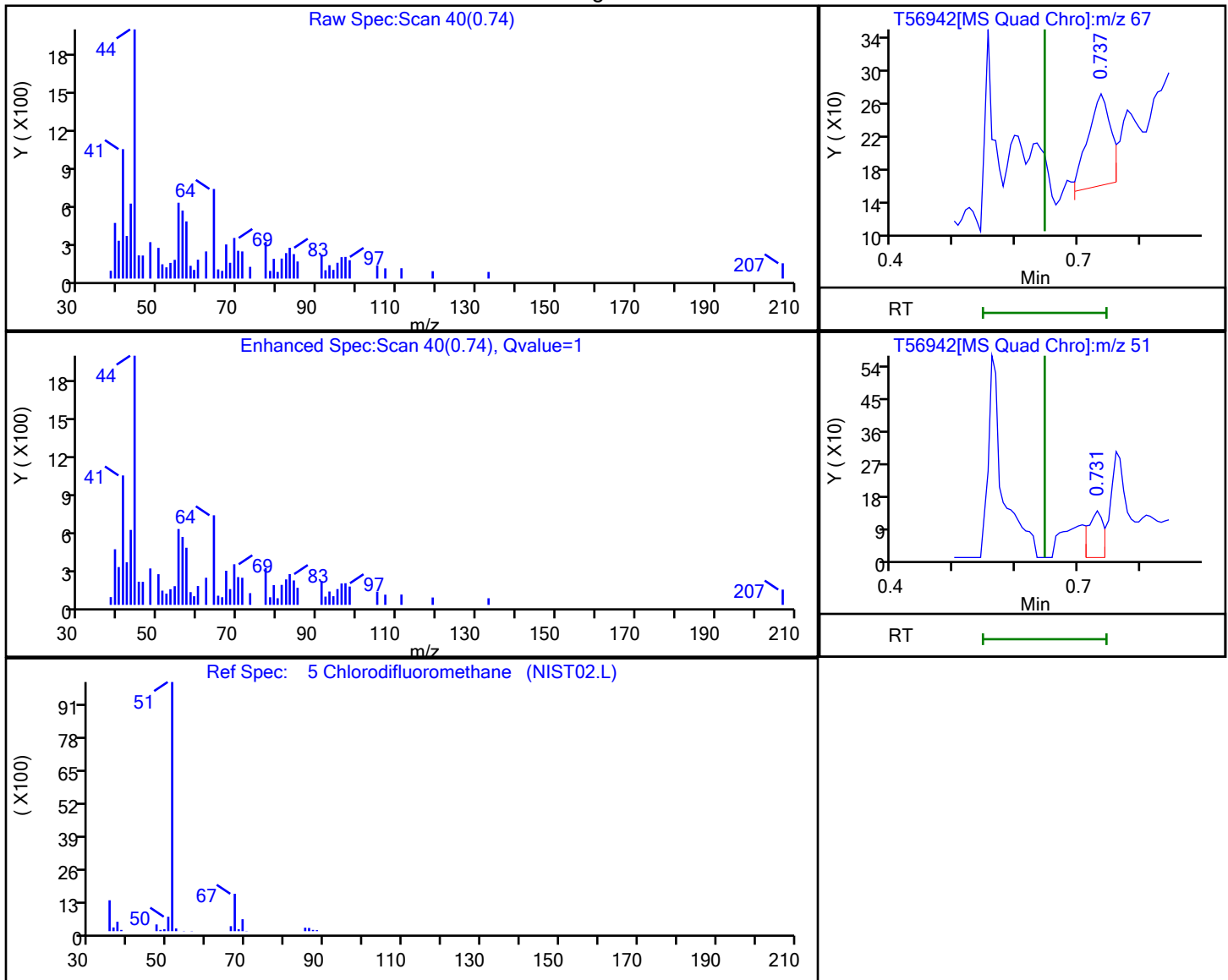
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 5 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



RT	Mass	Response	Amount
0.74	67.00	279	0.491980
0.73	51.00	224	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

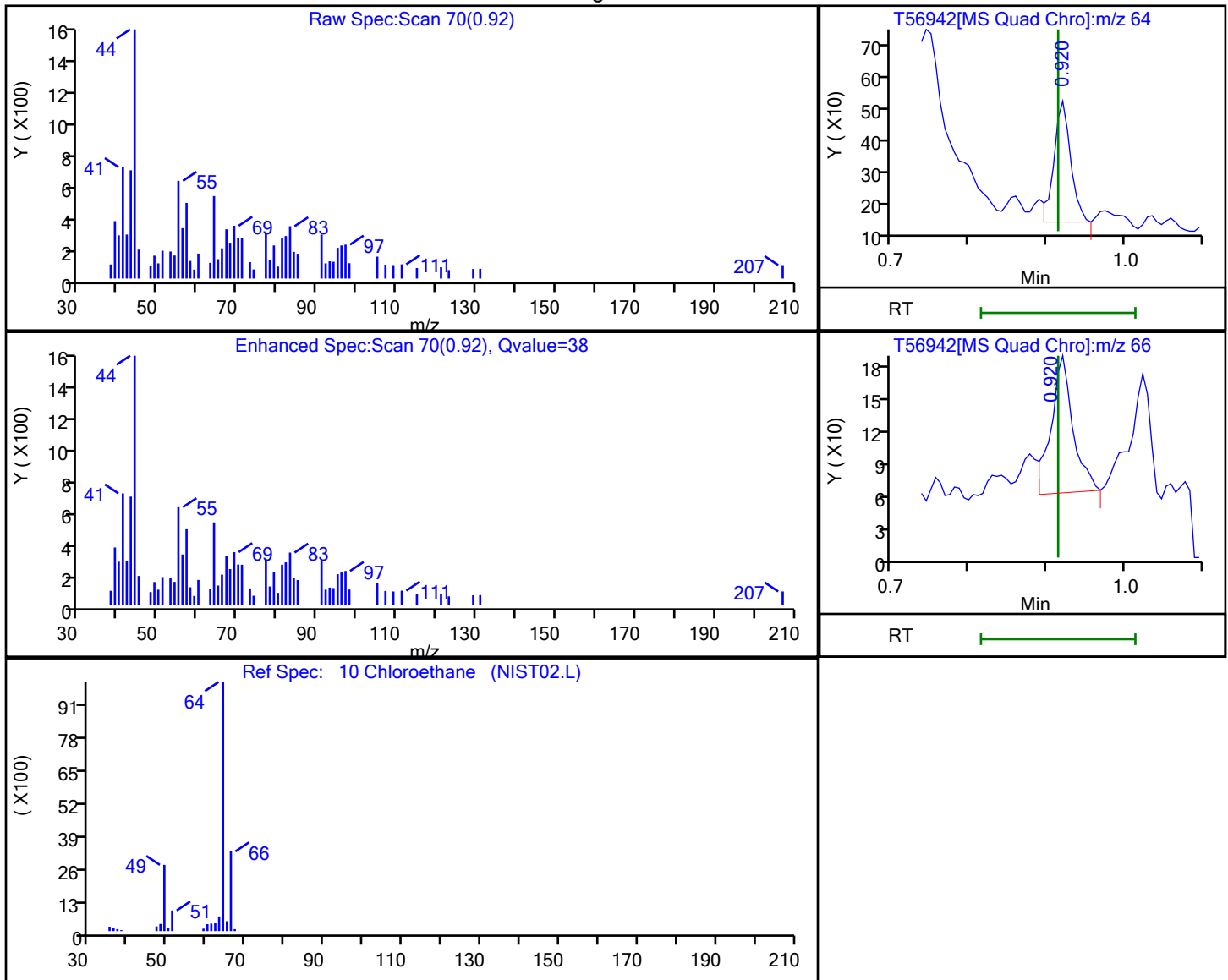
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 10 Chloroethane, CAS: 75-00-3

## Processing Results



RT	Mass	Response	Amount
0.92	64.00	578	0.283404
0.92	66.00	254	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

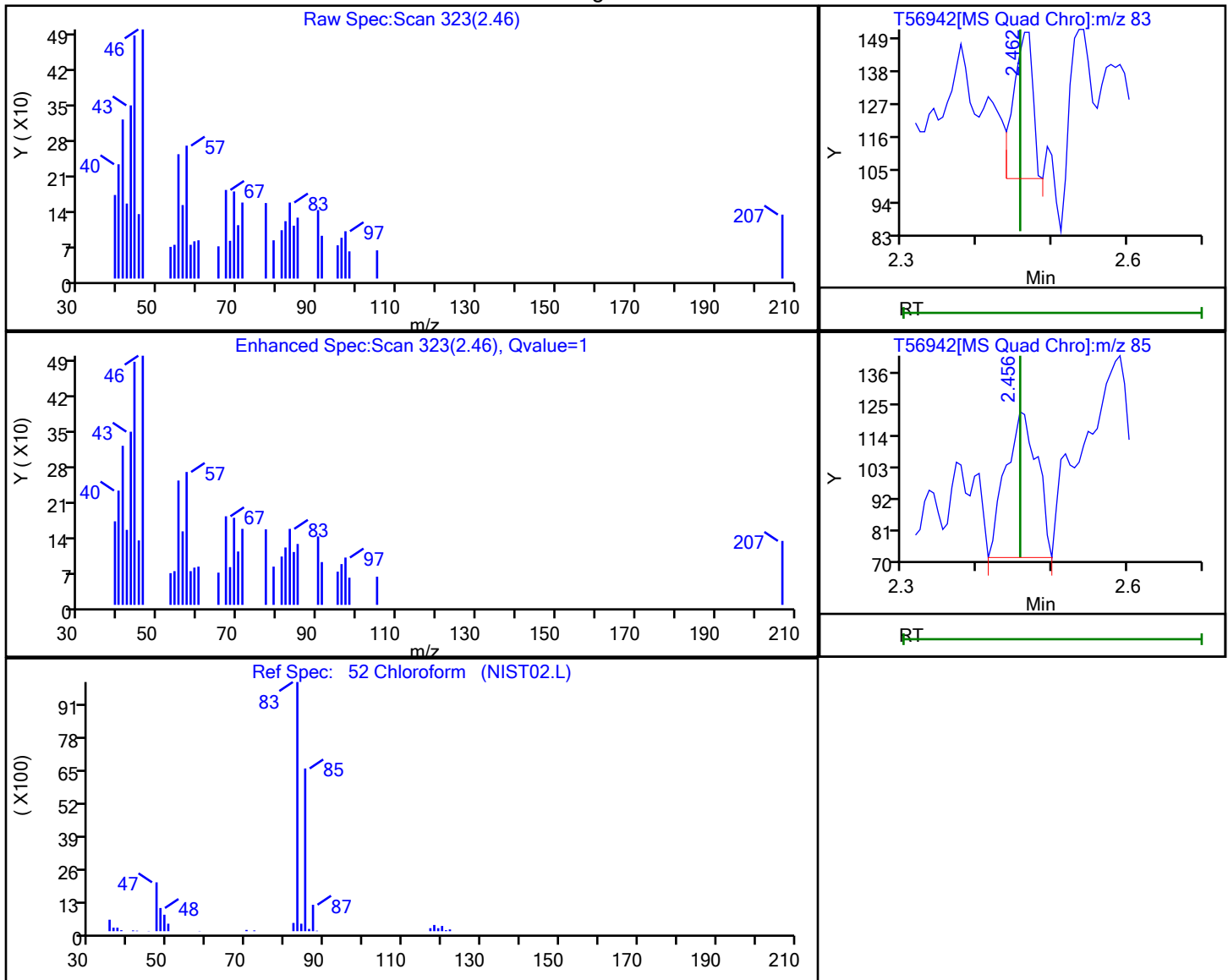
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 52 Chloroform, CAS: 67-66-3

## Processing Results



Reviewer: desais, 22-Oct-2021 09:50:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

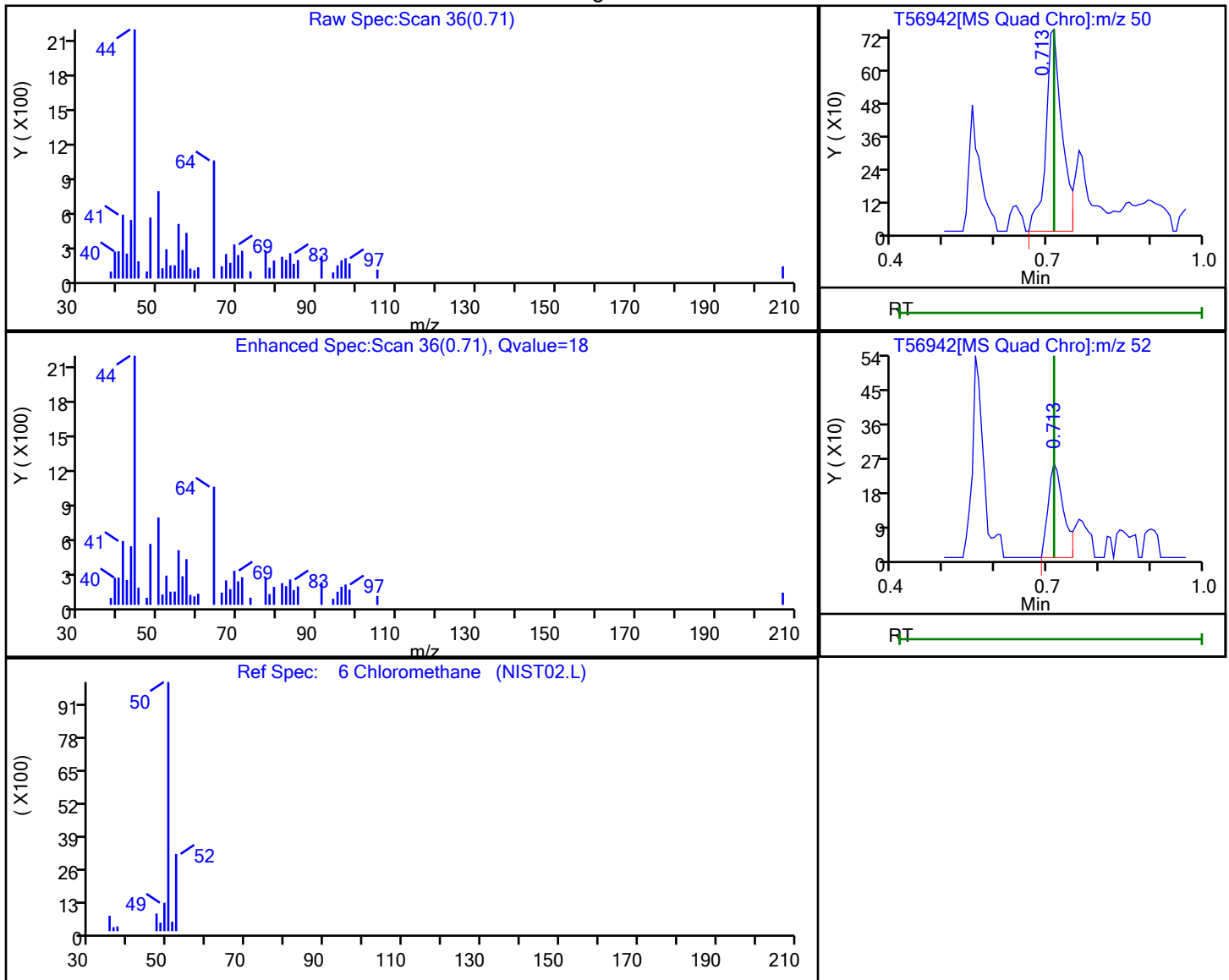
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 6 Chloromethane, CAS: 74-87-3

## Processing Results



RT	Mass	Response	Amount
0.71	50.00	1623	0.508449
0.71	52.00	513	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

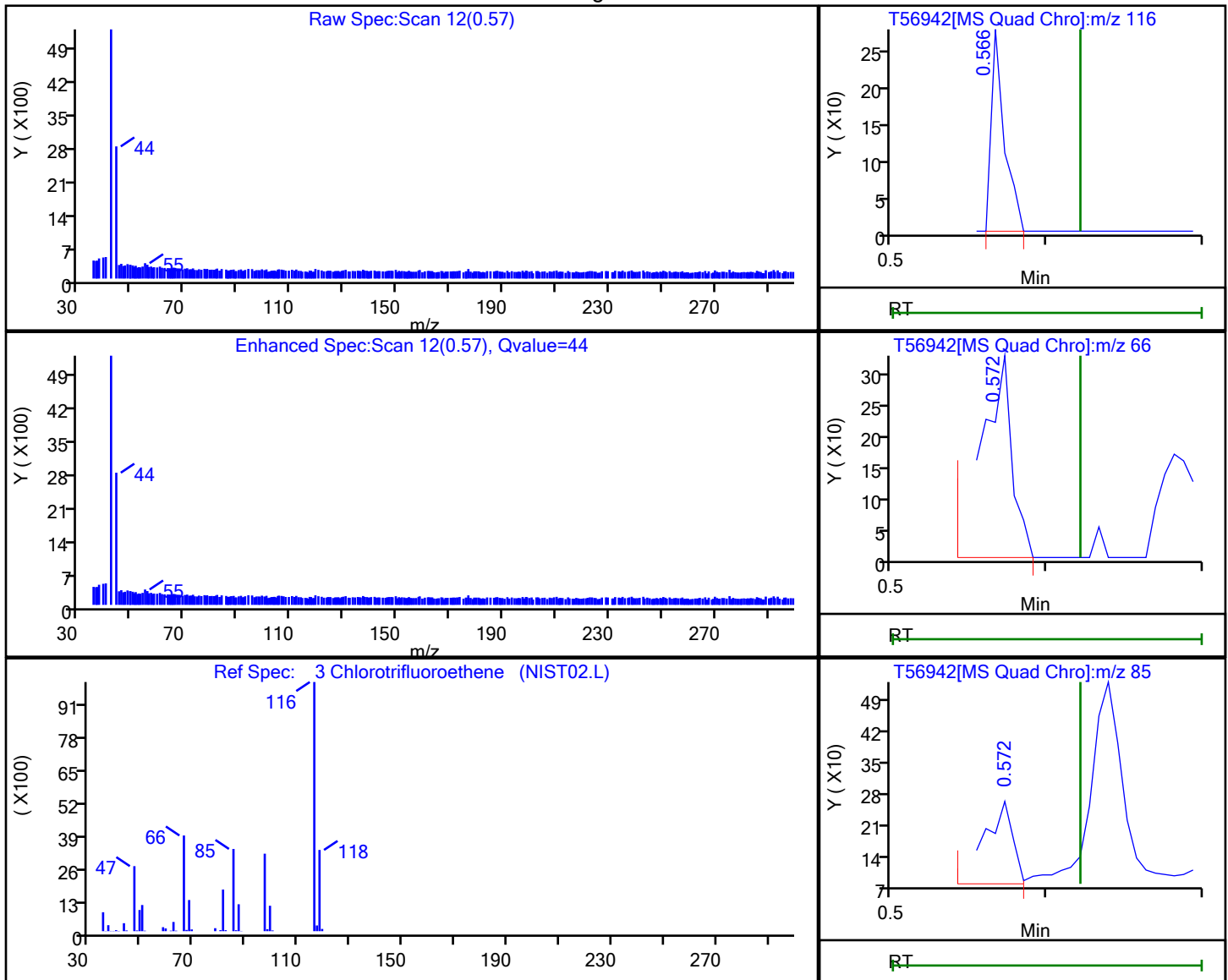
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 3 Chlorotrifluoroethene, CAS: 79-38-9

## Processing Results



RT	Mass	Response	Amount
0.57	116.00	160	0.157231
0.57	66.00	428	
0.57	85.00	222	
0.56	118.00	409	

Reviewer: desais, 22-Oct-2021 09:49:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

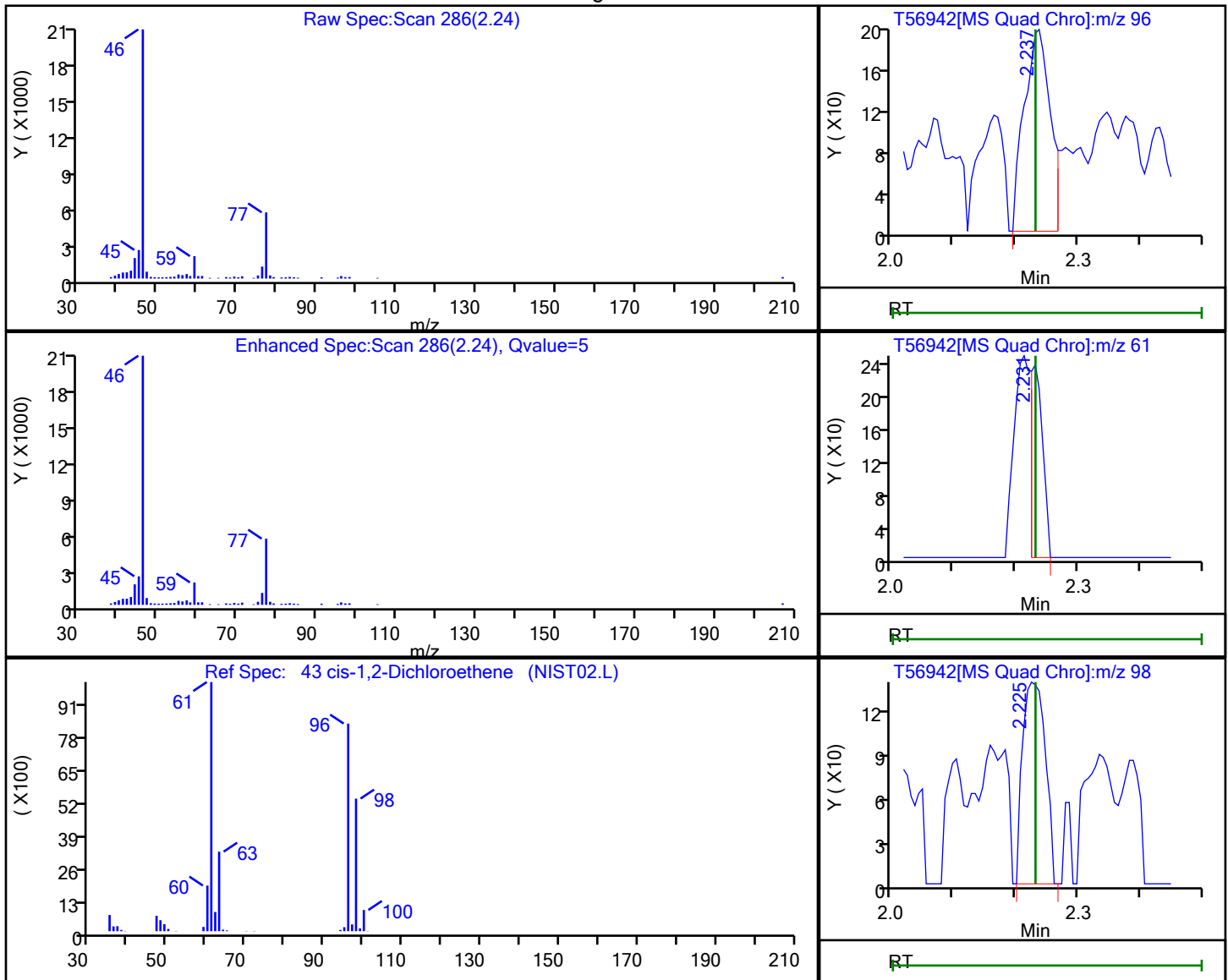
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 43 cis-1,2-Dichloroethene, CAS: 156-59-2

## Processing Results



RT	Mass	Response	Amount
2.24	96.00	589	0.169190
2.23	61.00	322	
2.22	98.00	344	

Reviewer: desais, 22-Oct-2021 09:50:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

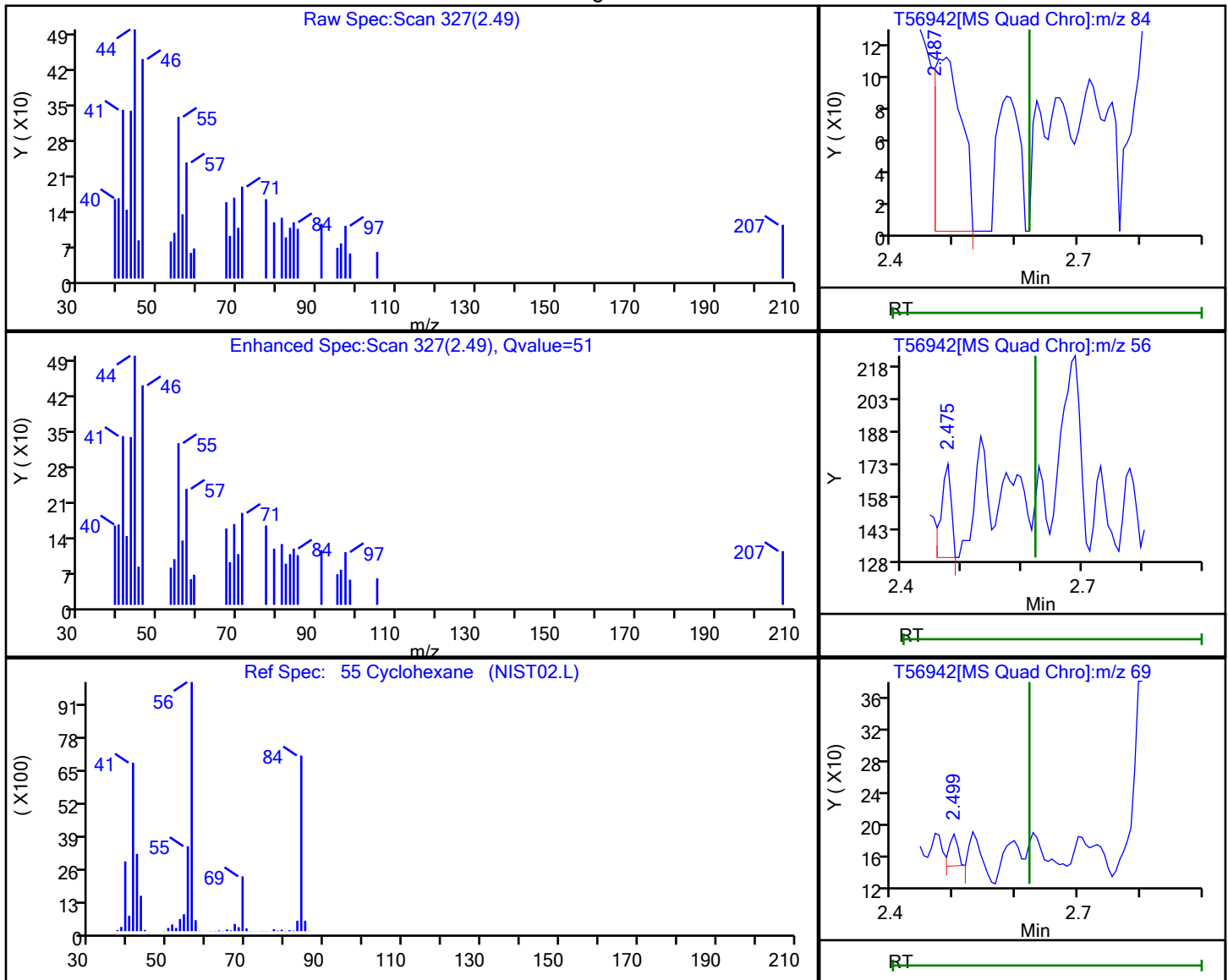
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 55 Cyclohexane, CAS: 110-82-7

## Processing Results



RT	Mass	Response	Amount
2.49	84.00	333	0.082389
2.47	56.00	50	
2.50	69.00	38	

Reviewer: desais, 22-Oct-2021 09:50:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

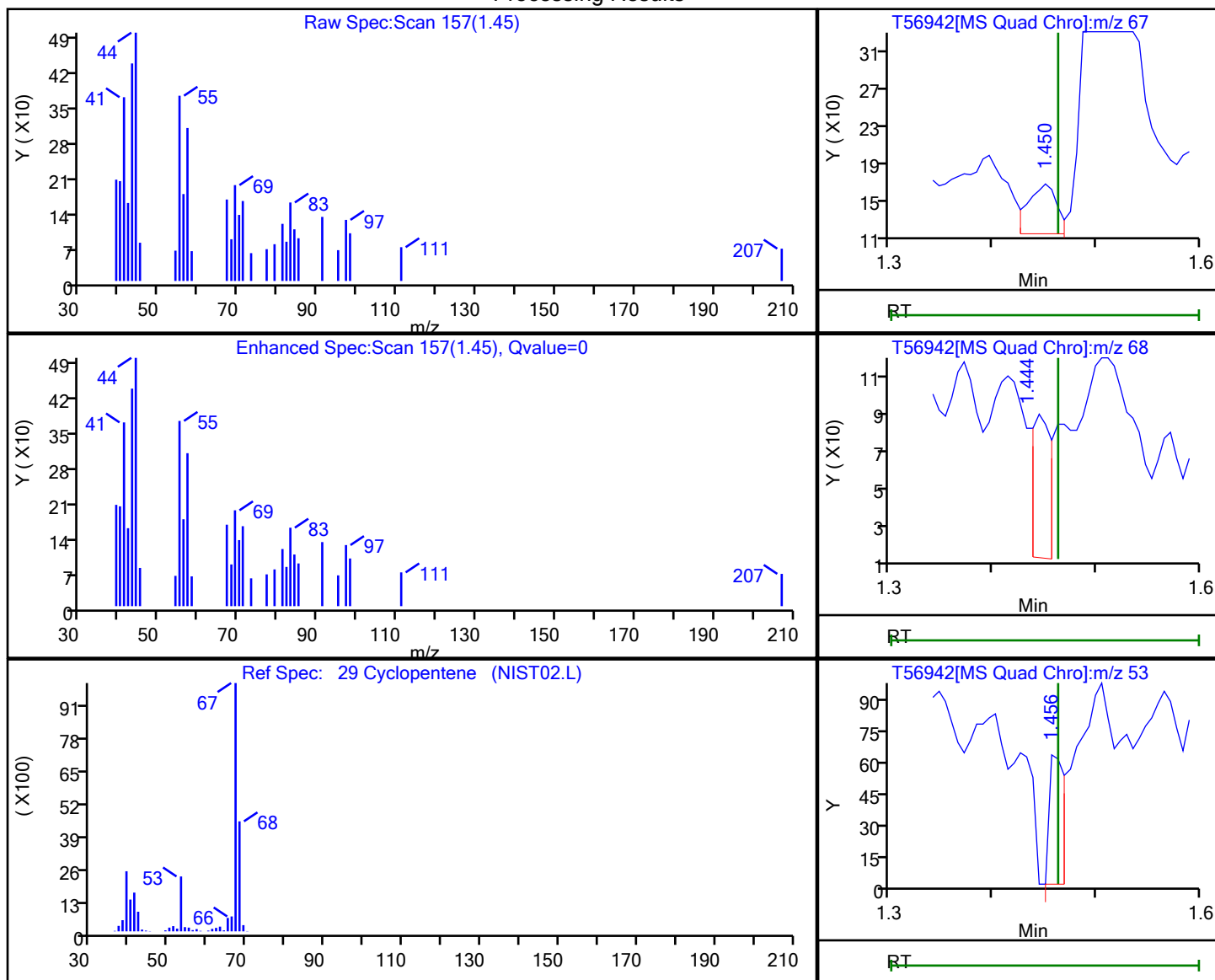
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 29 Cyclopentene, CAS: 142-29-0

## Processing Results



RT	Mass	Response	Amount
1.45	67.00	107	0.014270
1.44	68.00	95	
1.46	53.00	65	

Reviewer: desais, 22-Oct-2021 09:50:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

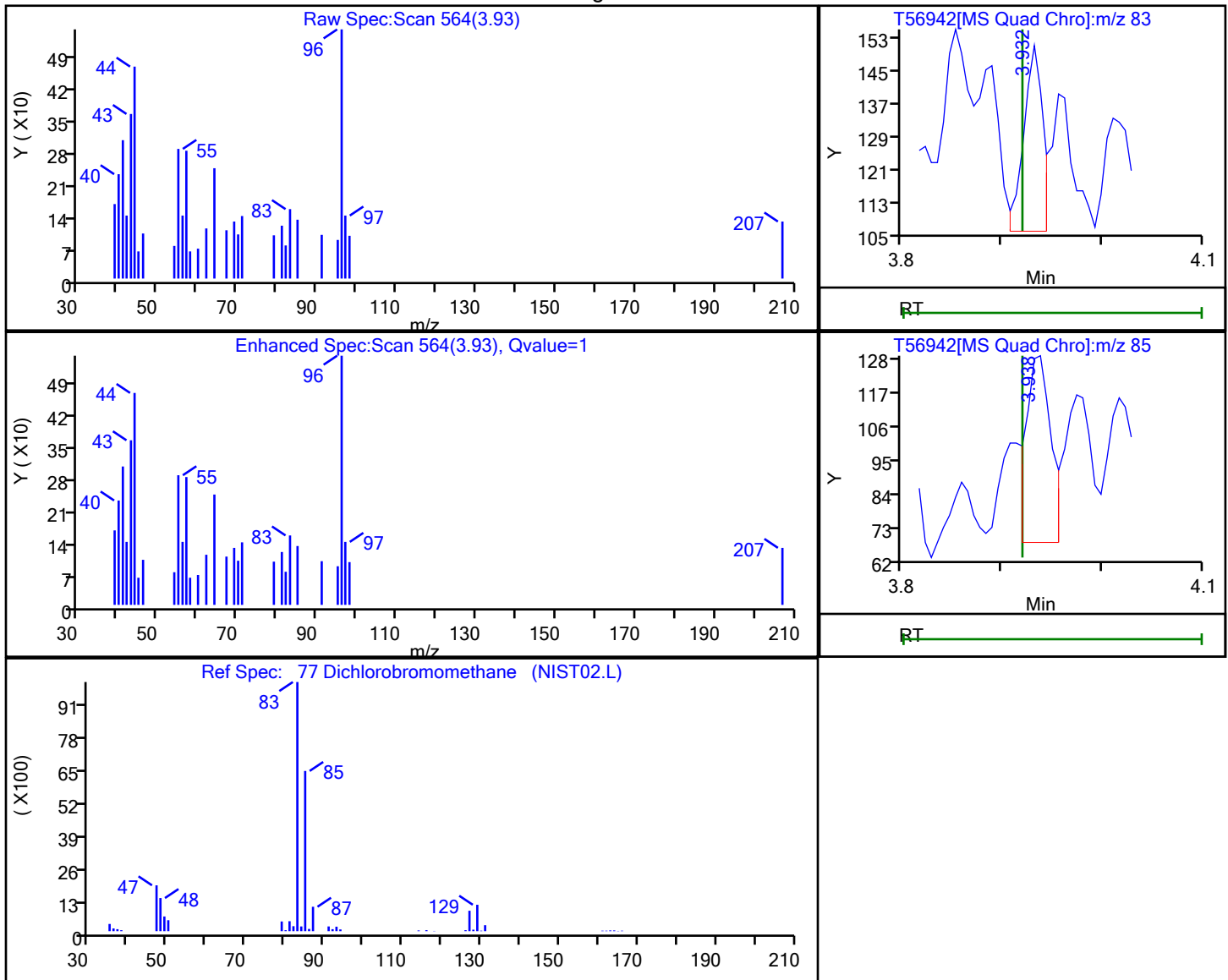
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 77 Dichlorobromomethane, CAS: 75-27-4

## Processing Results



RT	Mass	Response	Amount
3.93	83.00	62	0.014593
3.94	85.00	110	

Reviewer: desais, 22-Oct-2021 09:50:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

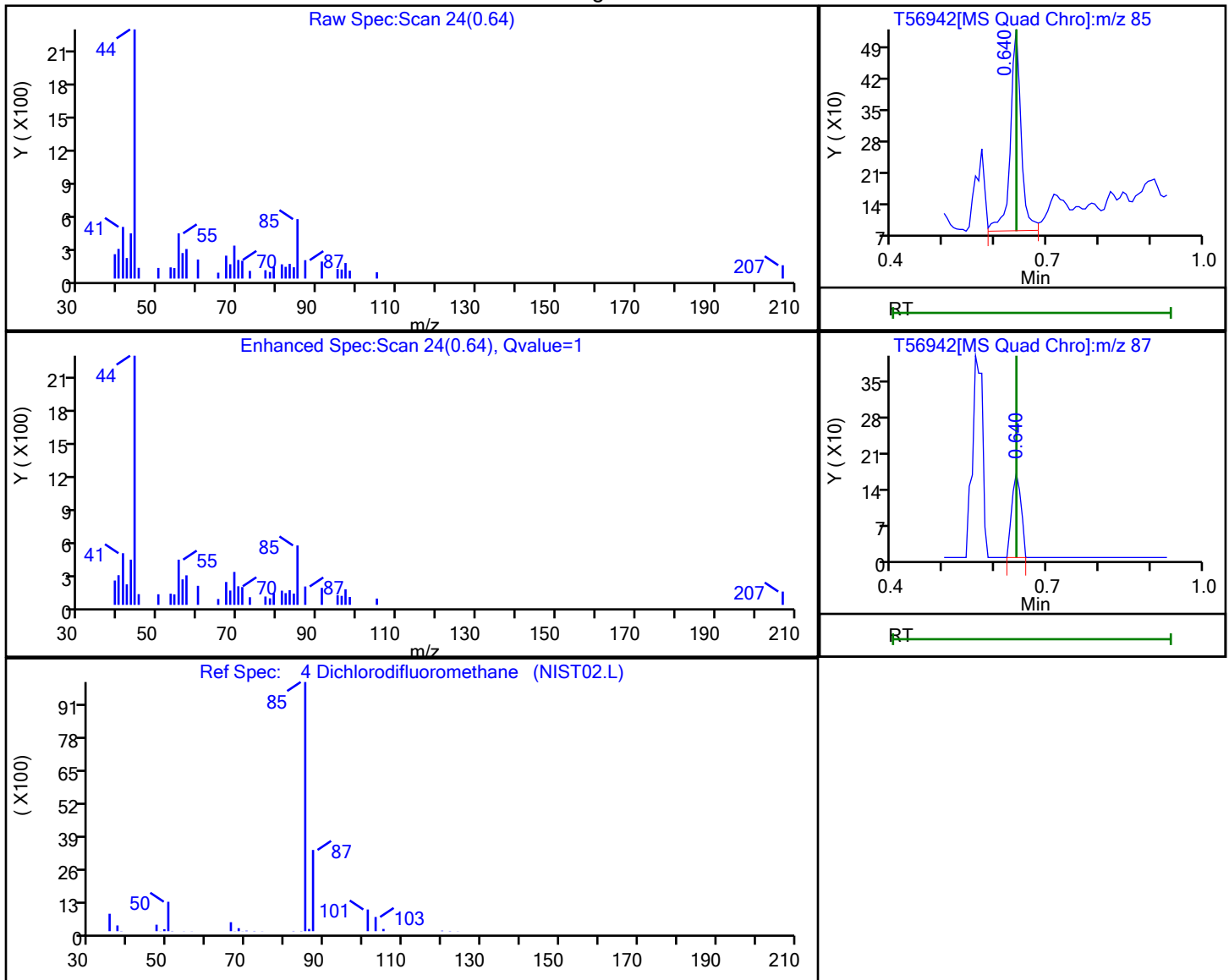
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 4 Dichlorodifluoromethane, CAS: 75-71-8

## Processing Results



RT	Mass	Response	Amount
0.64	85.00	655	0.228887
0.64	87.00	204	

Reviewer: desais, 22-Oct-2021 09:49:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

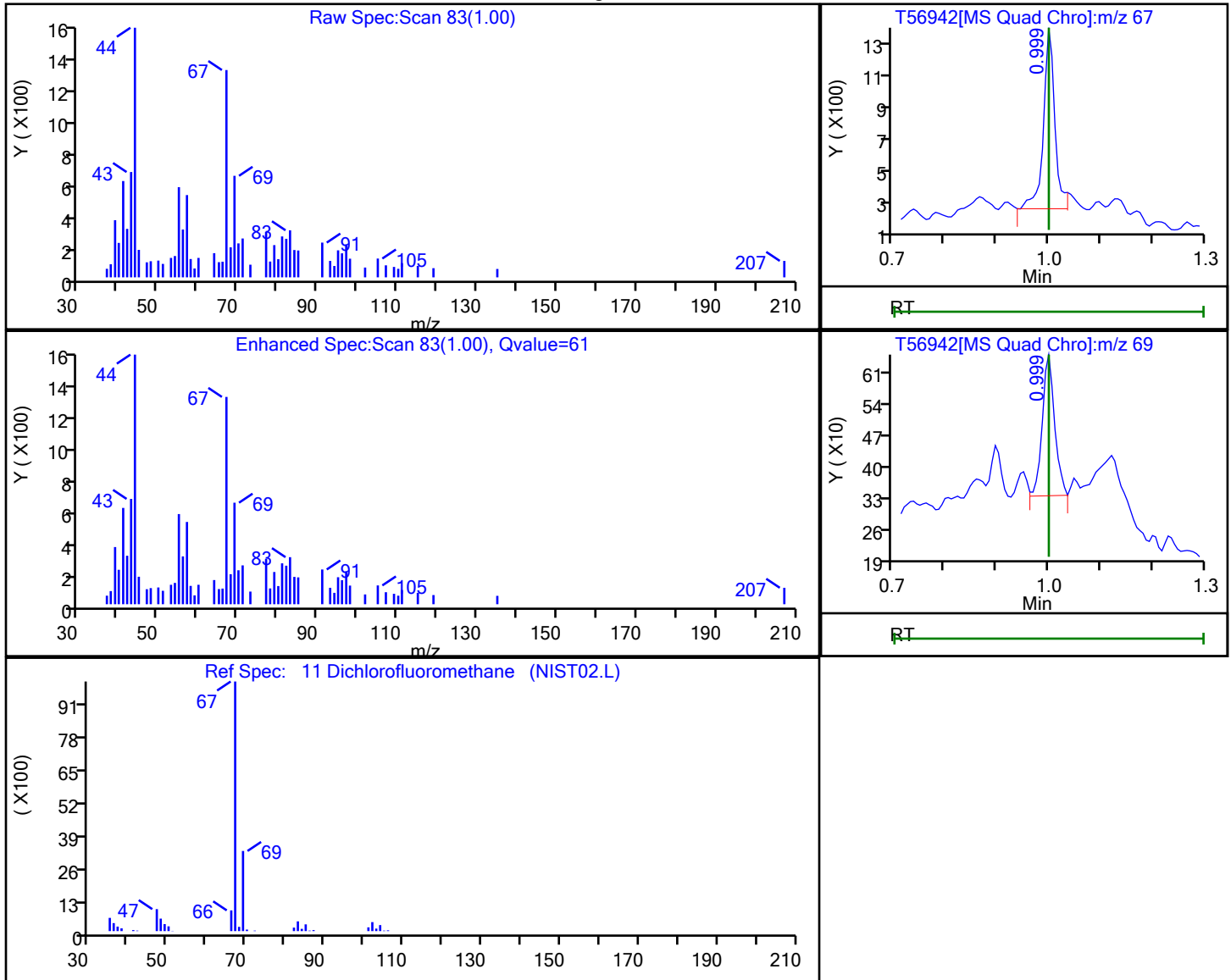
Column: DB-624 (0.18 mm)

Detector

MS Quad

**11 Dichlorofluoromethane, CAS: 75-43-4**

## Processing Results



RT	Mass	Response	Amount
1.00	67.00	1610	0.301212
1.00	69.00	519	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

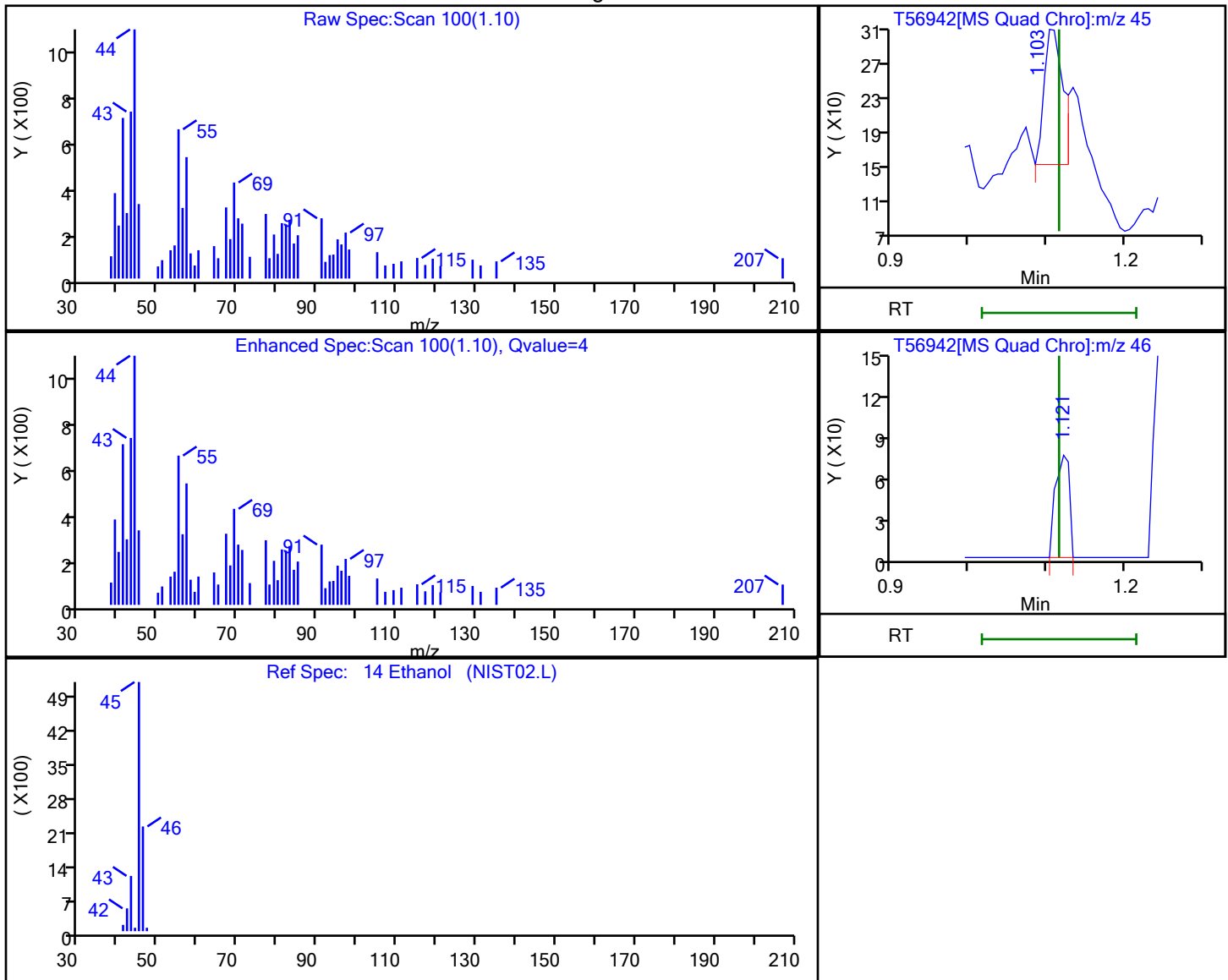
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 14 Ethanol, CAS: 64-17-5

## Processing Results



RT	Mass	Response	Amount
1.10	45.00	267	
1.12	46.00	94	5.271748

Reviewer: desais, 22-Oct-2021 09:49:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

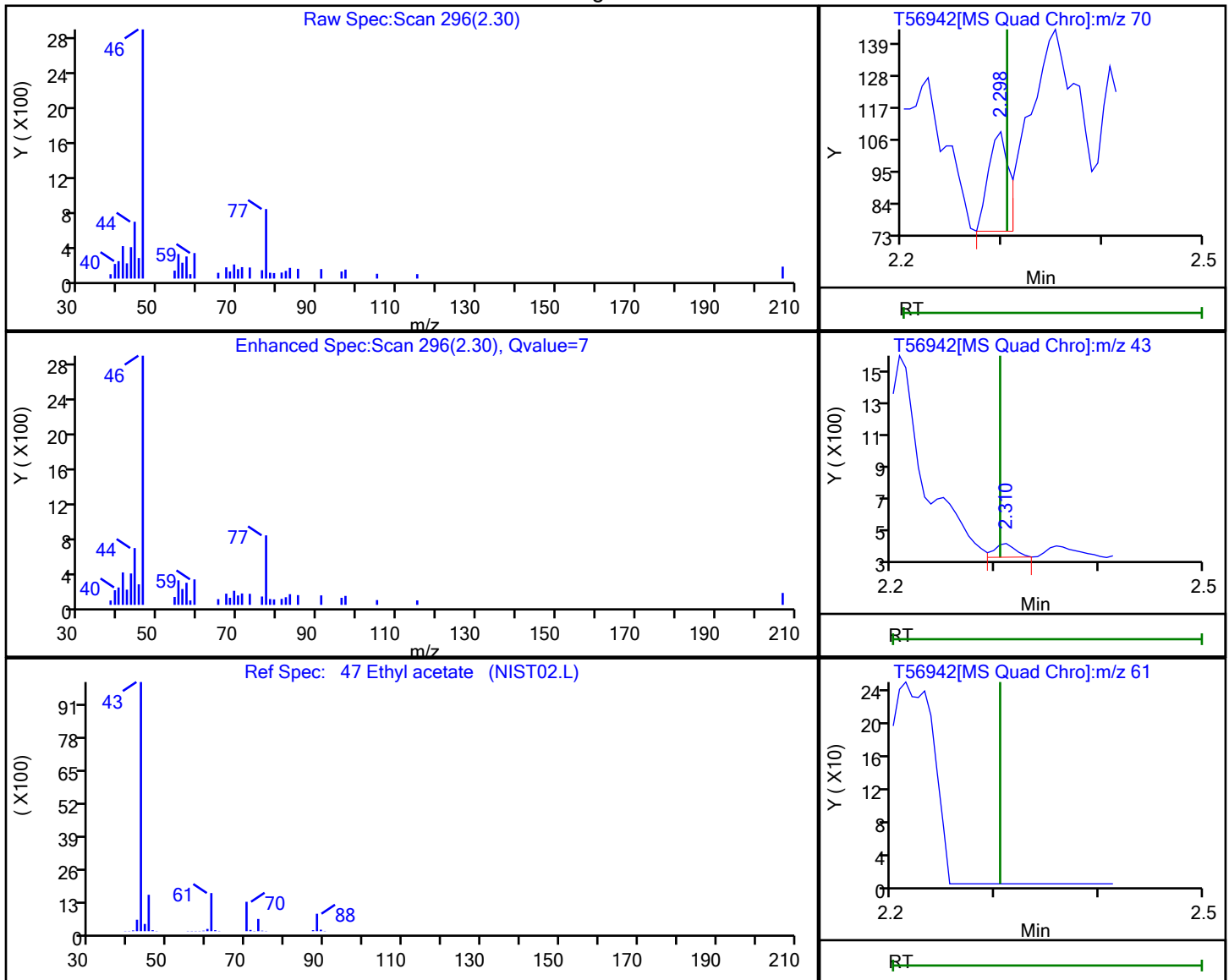
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 47 Ethyl acetate, CAS: 141-78-6

## Processing Results



RT	Mass	Response	Amount
2.30	70.00	51	0.139341
2.31	43.00	115	
2.30	61.00	0	

Reviewer: desais, 22-Oct-2021 09:50:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

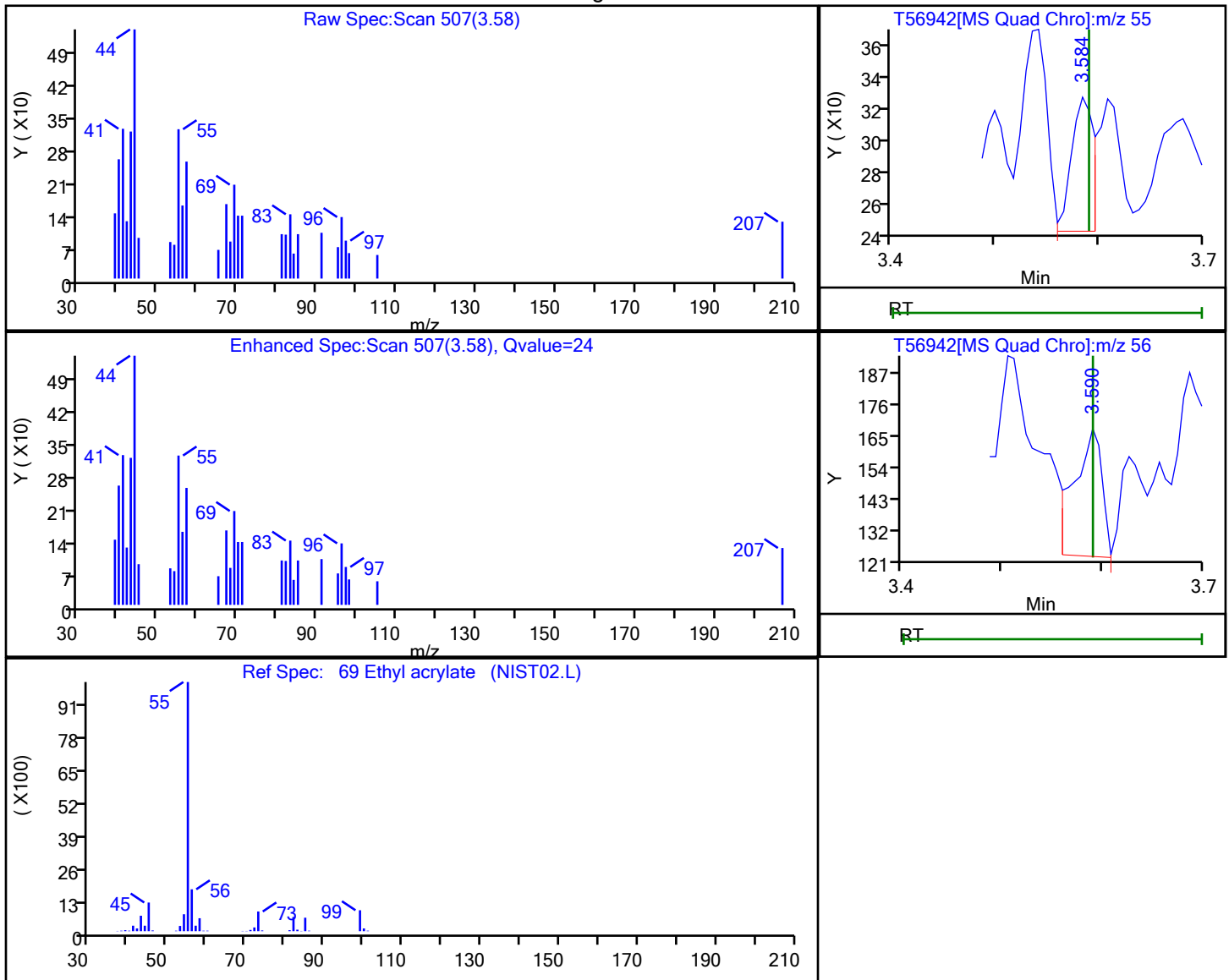
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 69 Ethyl acrylate, CAS: 140-88-5

## Processing Results



RT	Mass	Response	Amount
3.58	55.00	123	0.017839
3.59	56.00	89	

Reviewer: desais, 22-Oct-2021 09:50:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

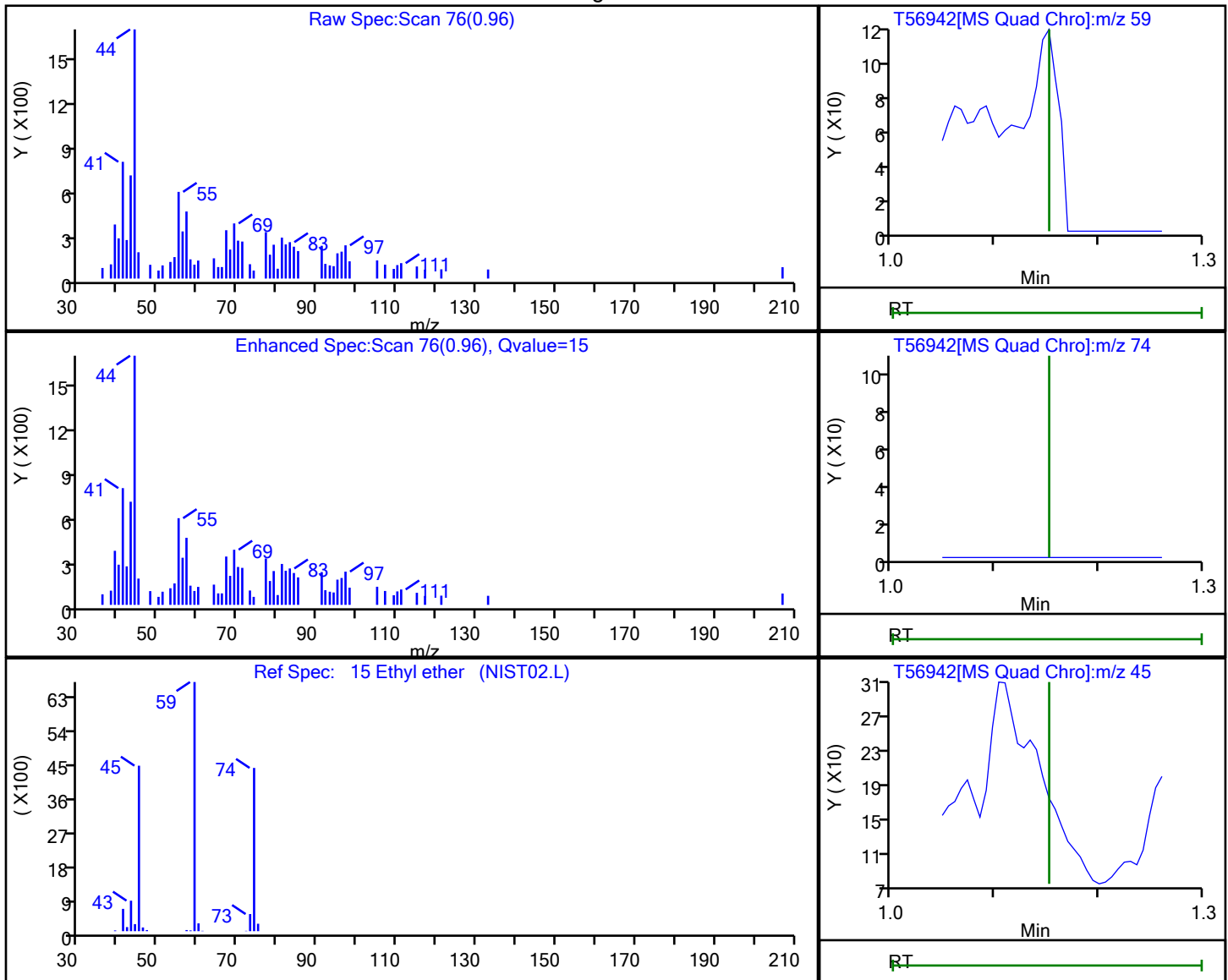
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 15 Ethyl ether, CAS: 60-29-7

## Processing Results



RT	Mass	Response	Amount
0.96	59.00	168	0.067903
0.95	74.00	39	
0.96	45.00	50	

Reviewer: desais, 22-Oct-2021 09:49:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

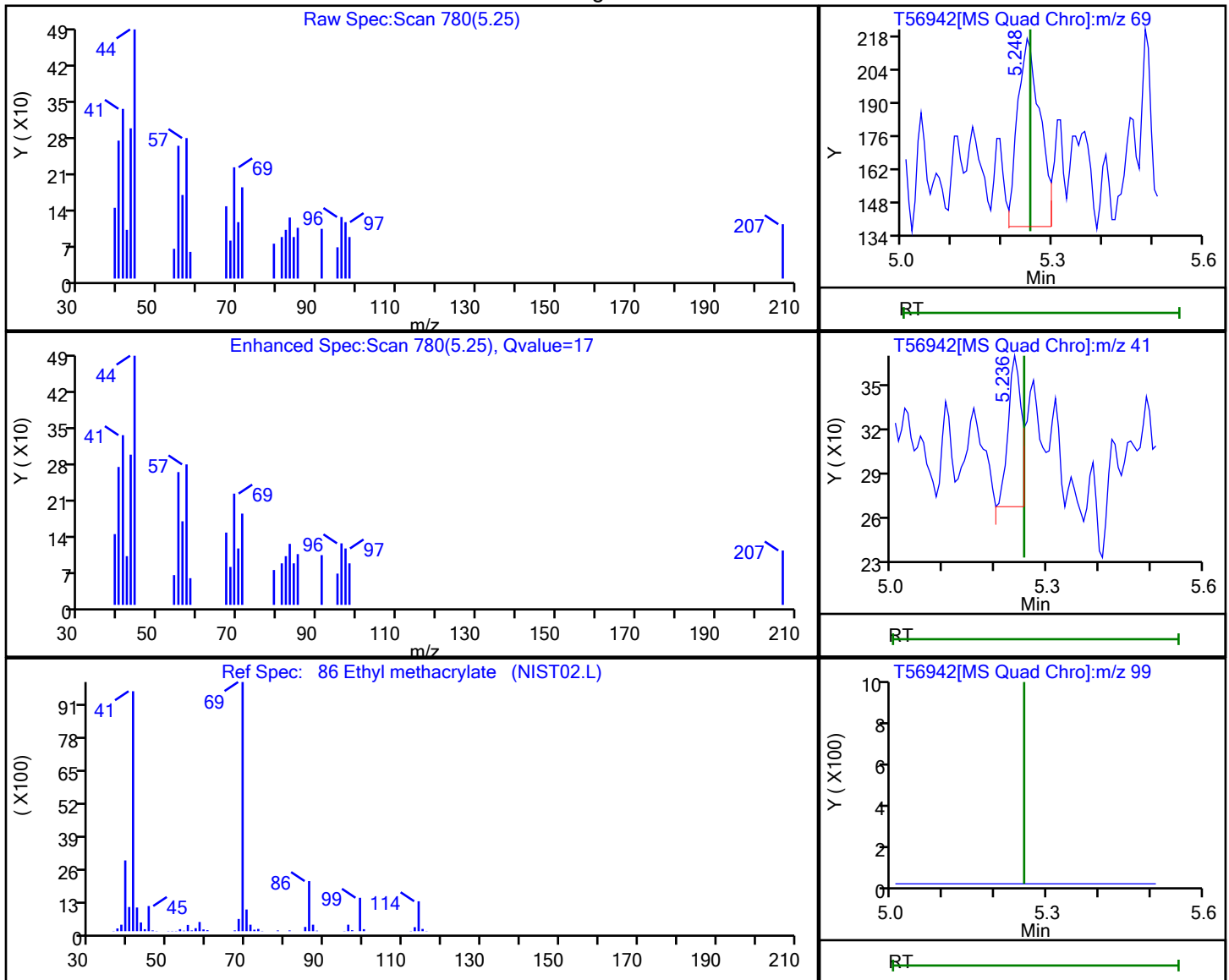
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 86 Ethyl methacrylate, CAS: 97-63-2

## Processing Results



RT	Mass	Response	Amount
5.25	69.00	255	0.063741
5.24	41.00	165	
5.25	99.00	0	

Reviewer: desais, 22-Oct-2021 09:50:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

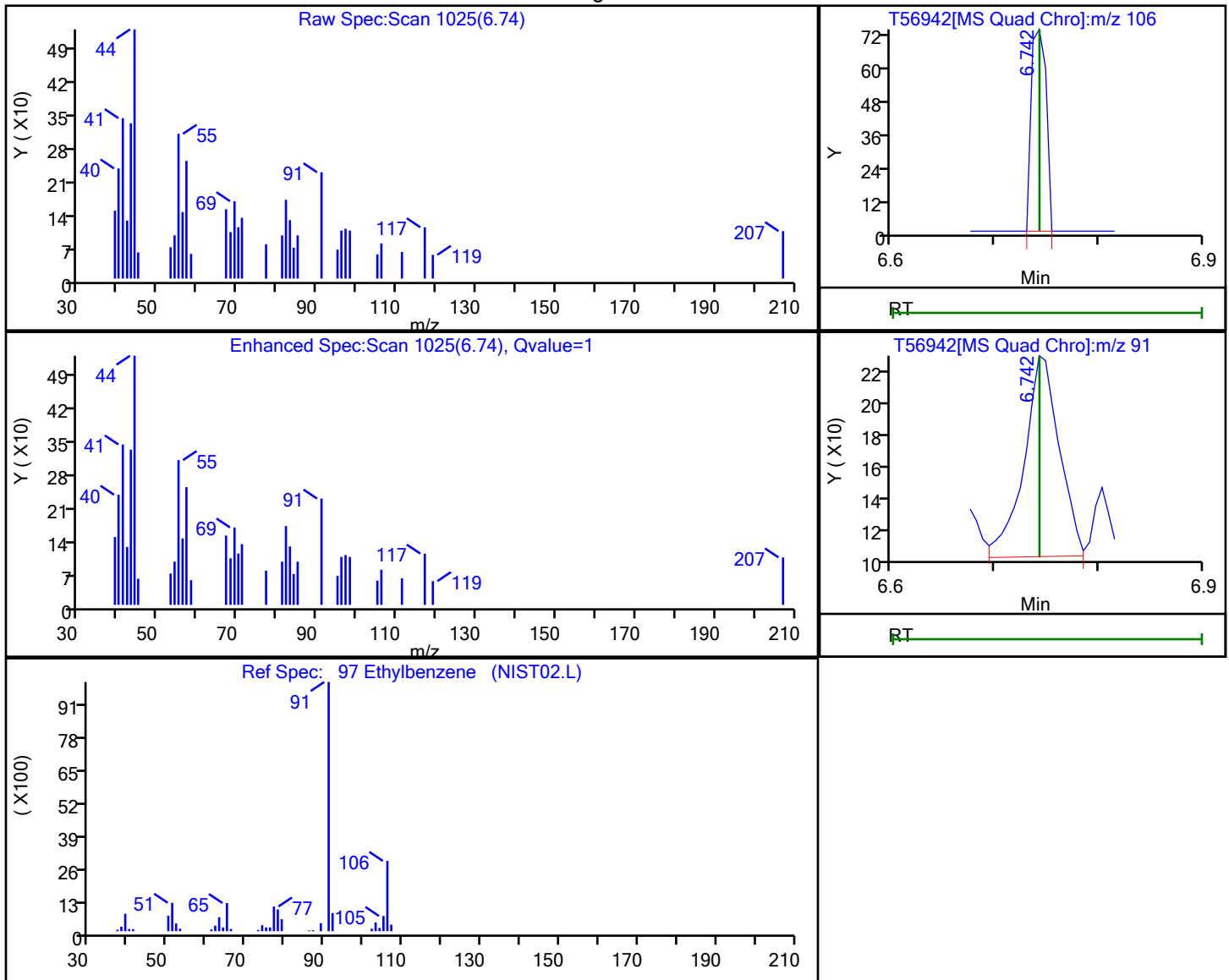
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 97 Ethylbenzene, CAS: 100-41-4

## Processing Results



RT	Mass	Response	Amount
6.74	106.00	75	0.017982
6.74	91.00	287	

Reviewer: desais, 22-Oct-2021 09:50:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

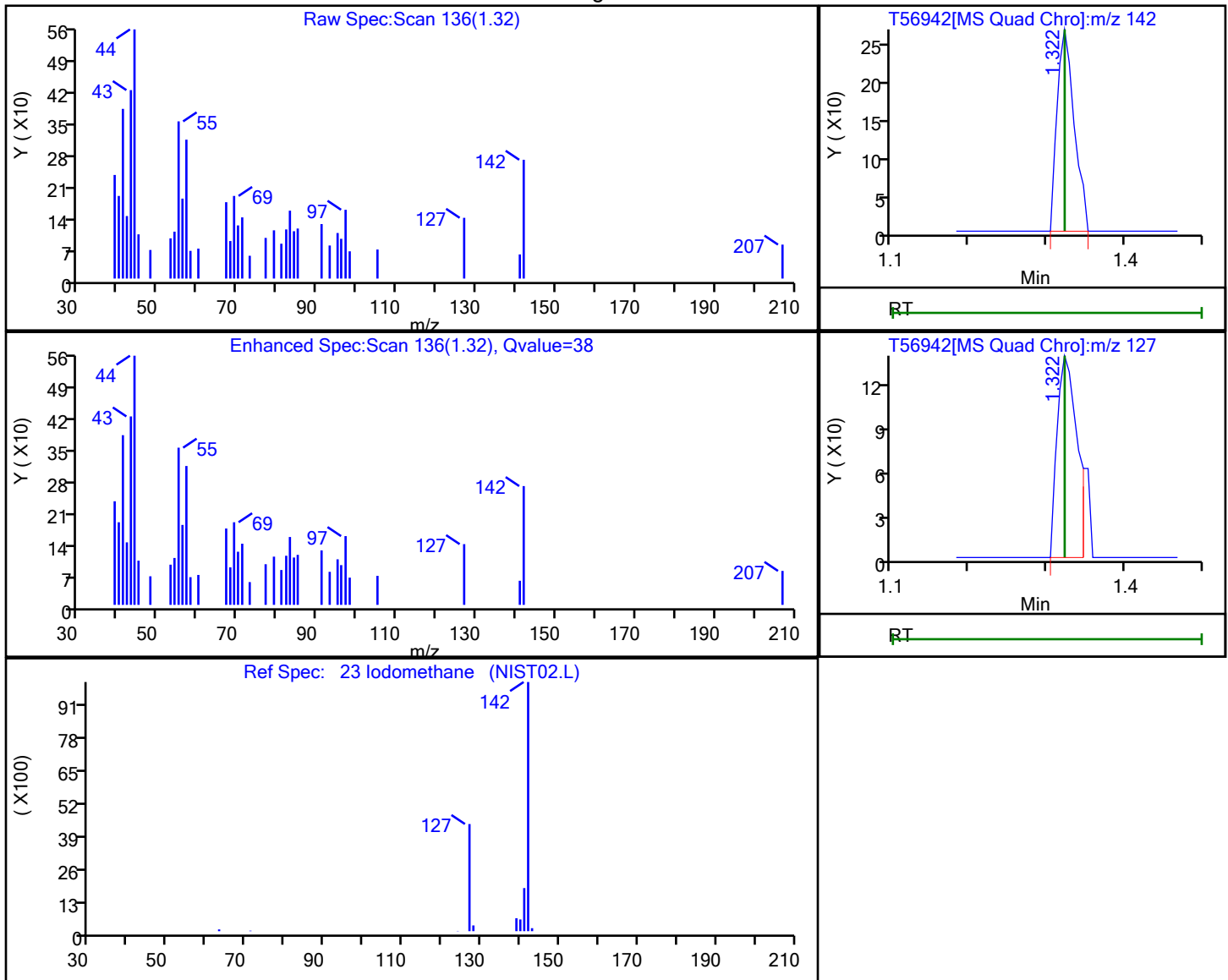
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 23 Iodomethane, CAS: 74-88-4

## Processing Results



Reviewer: desais, 22-Oct-2021 09:49:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

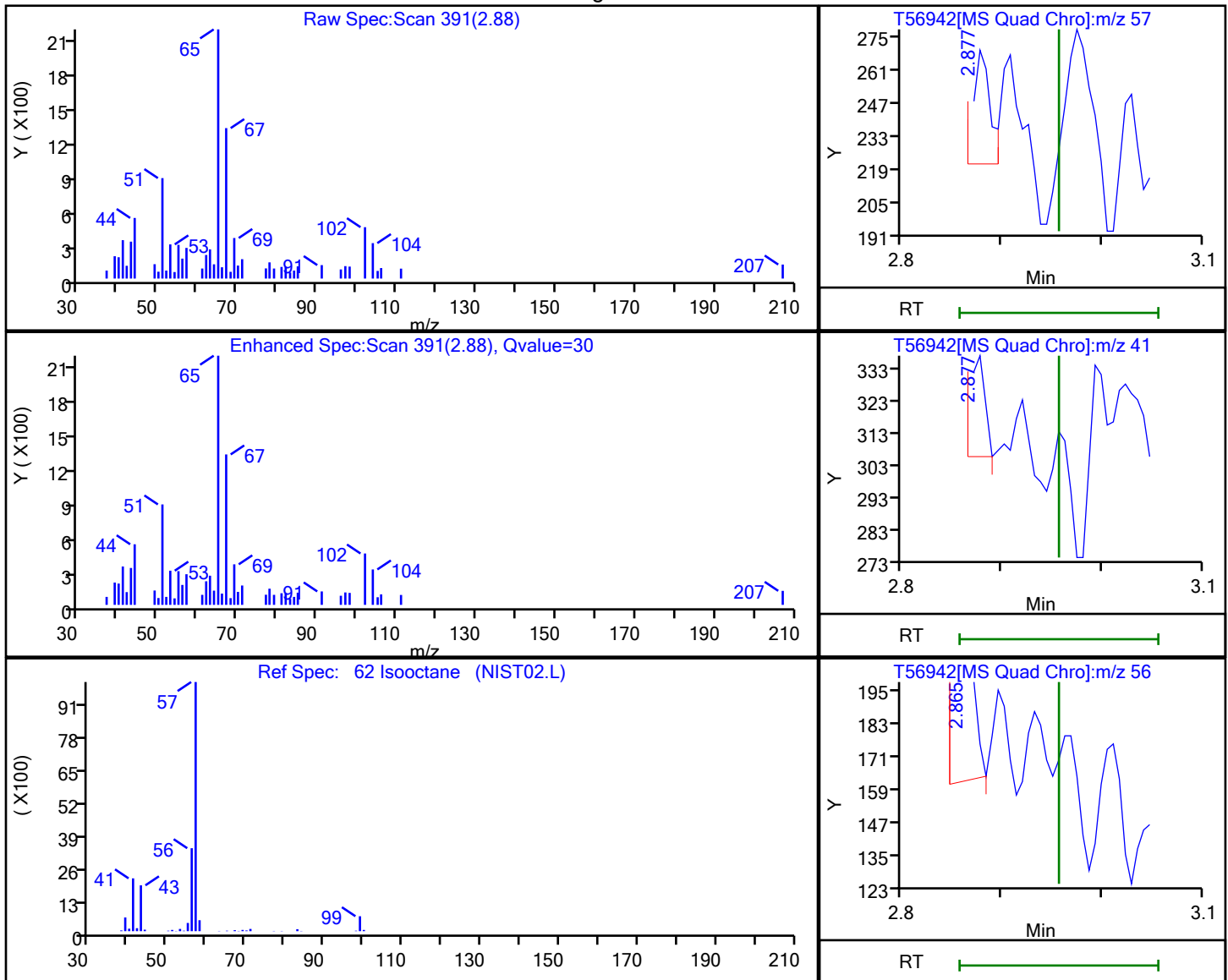
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 62 Isooctane, CAS: 540-84-1

## Processing Results



RT	Mass	Response	Amount
2.88	57.00	54	0.009409
2.88	41.00	34	
2.86	56.00	48	

Reviewer: desais, 22-Oct-2021 09:50:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

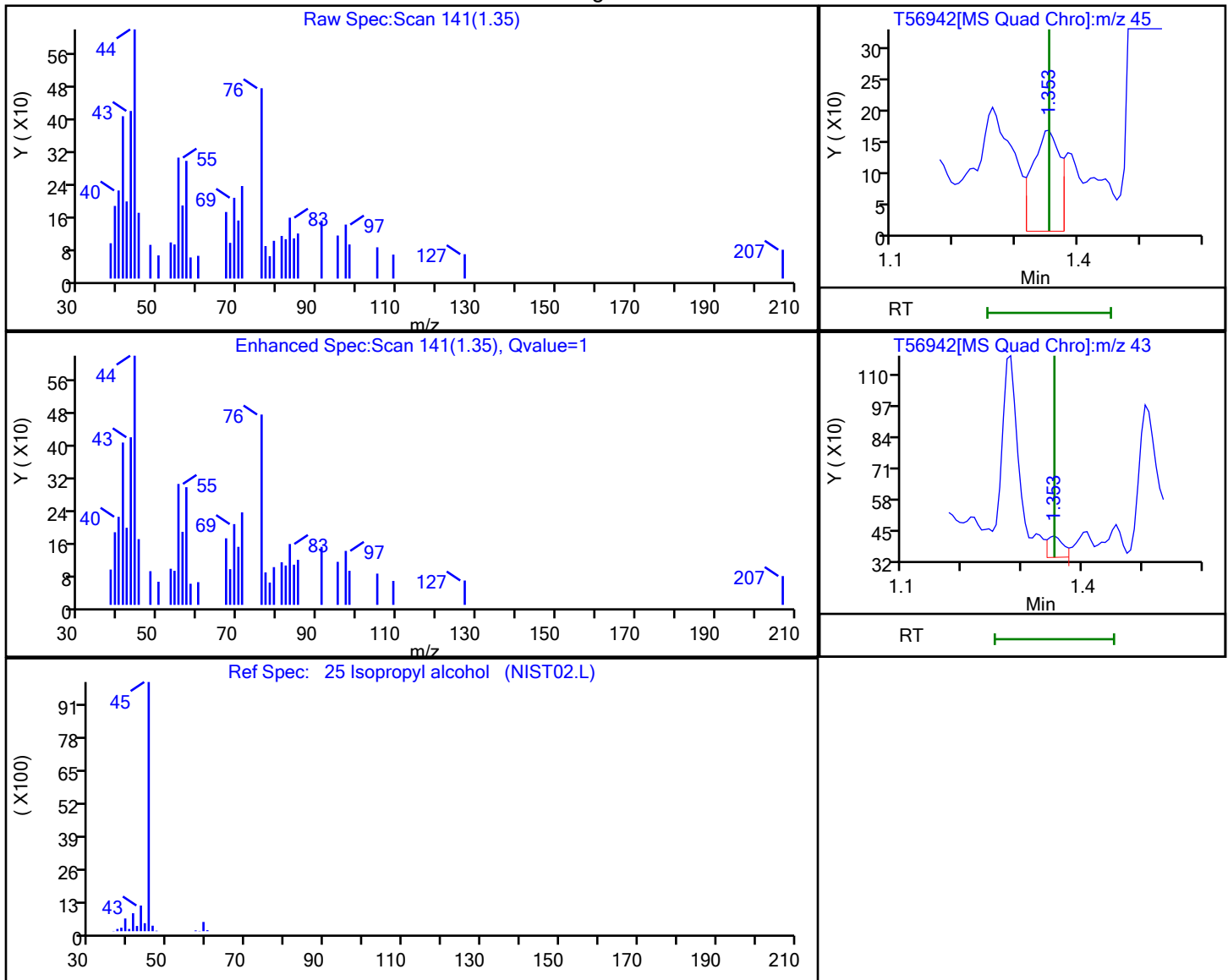
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 25 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



Reviewer: desais, 22-Oct-2021 09:49:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

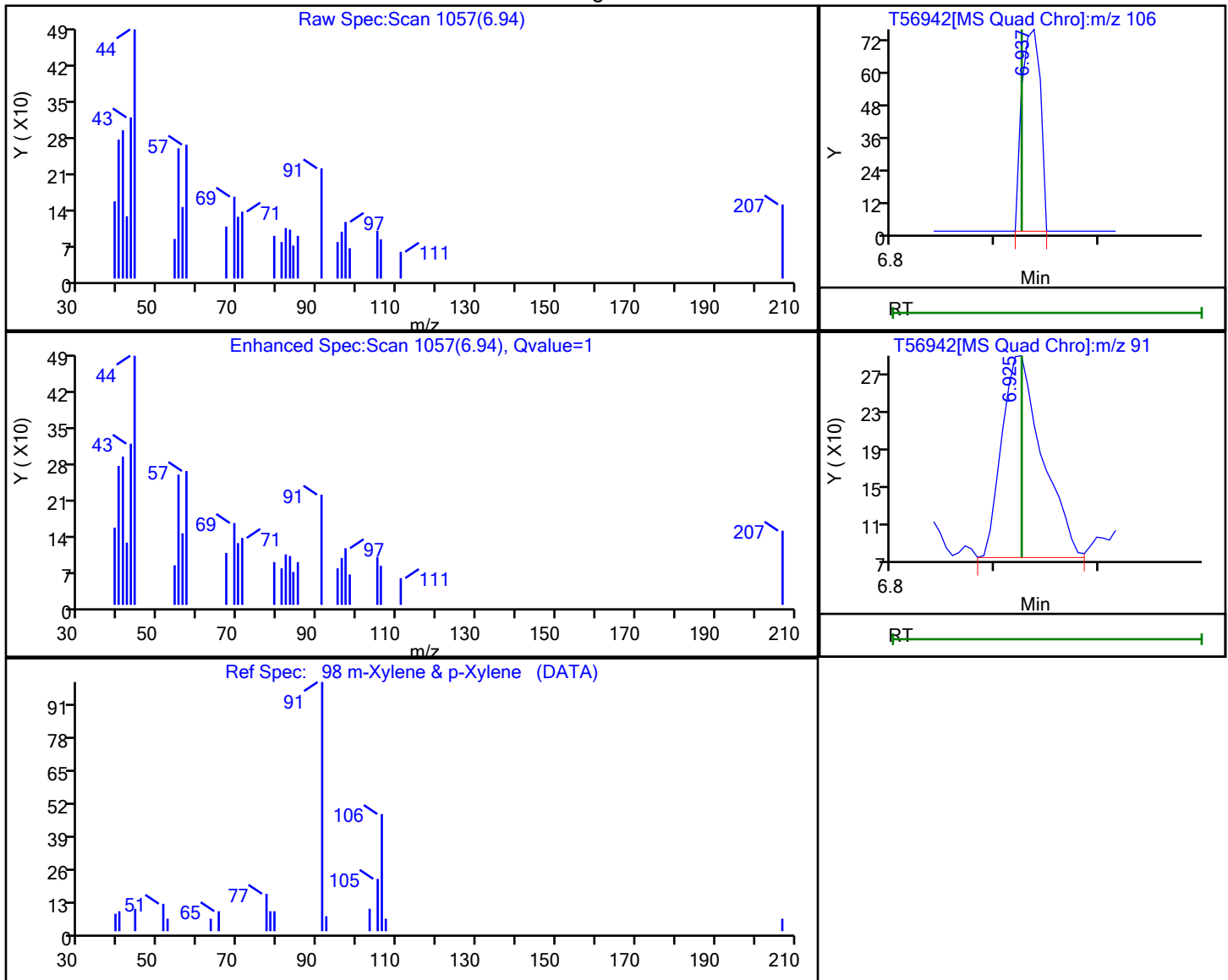
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 98 m-Xylene &amp; p-Xylene, CAS: 179601-23-1

## Processing Results



RT	Mass	Response	Amount
6.94	106.00	95	0.018639
6.92	91.00	567	

Reviewer: desais, 22-Oct-2021 09:50:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

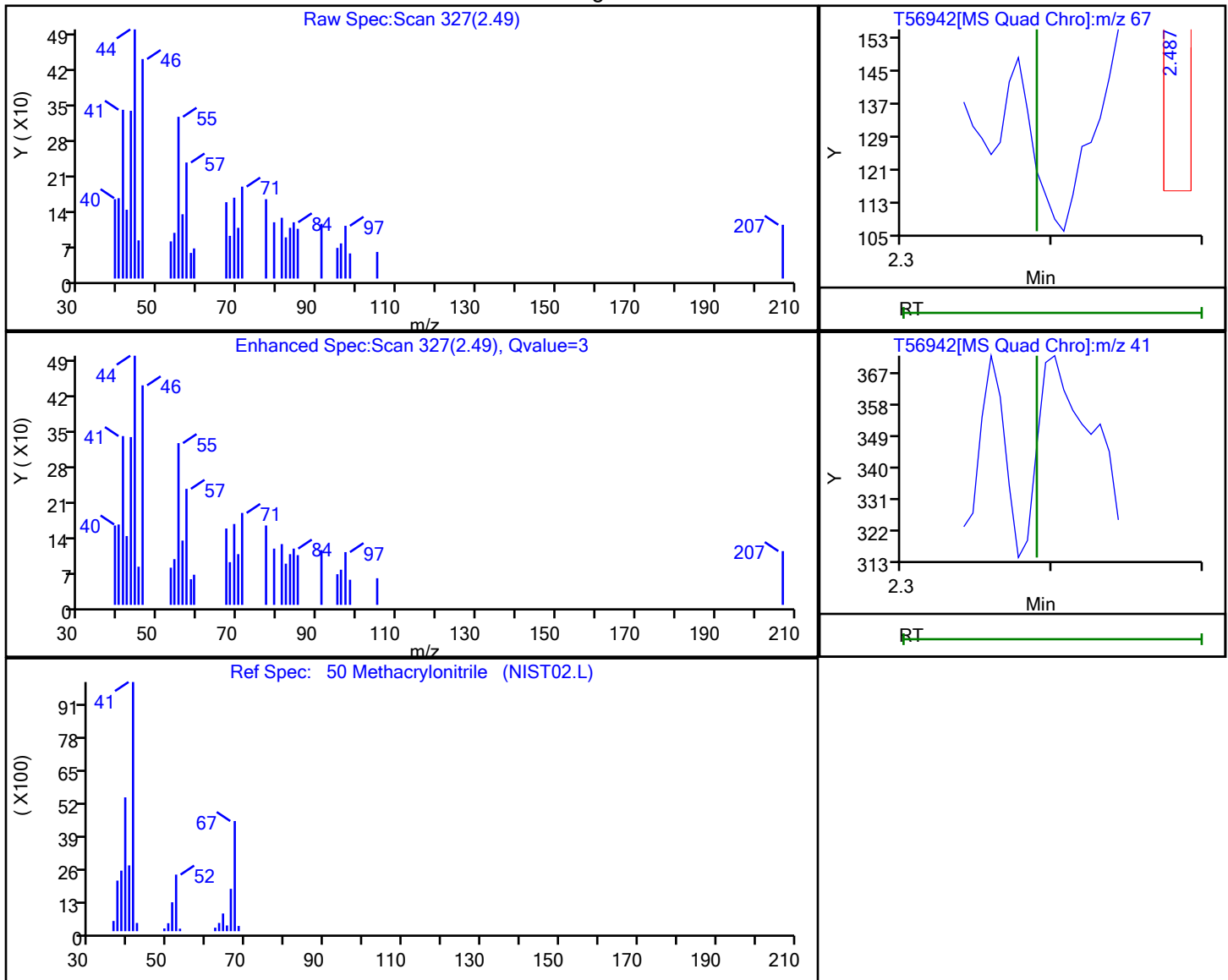
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 50 Methacrylonitrile, CAS: 126-98-7

## Processing Results



RT	Mass	Response	Amount
2.49	67.00	49	0.035657
2.49	41.00	142	

Reviewer: desais, 22-Oct-2021 09:50:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

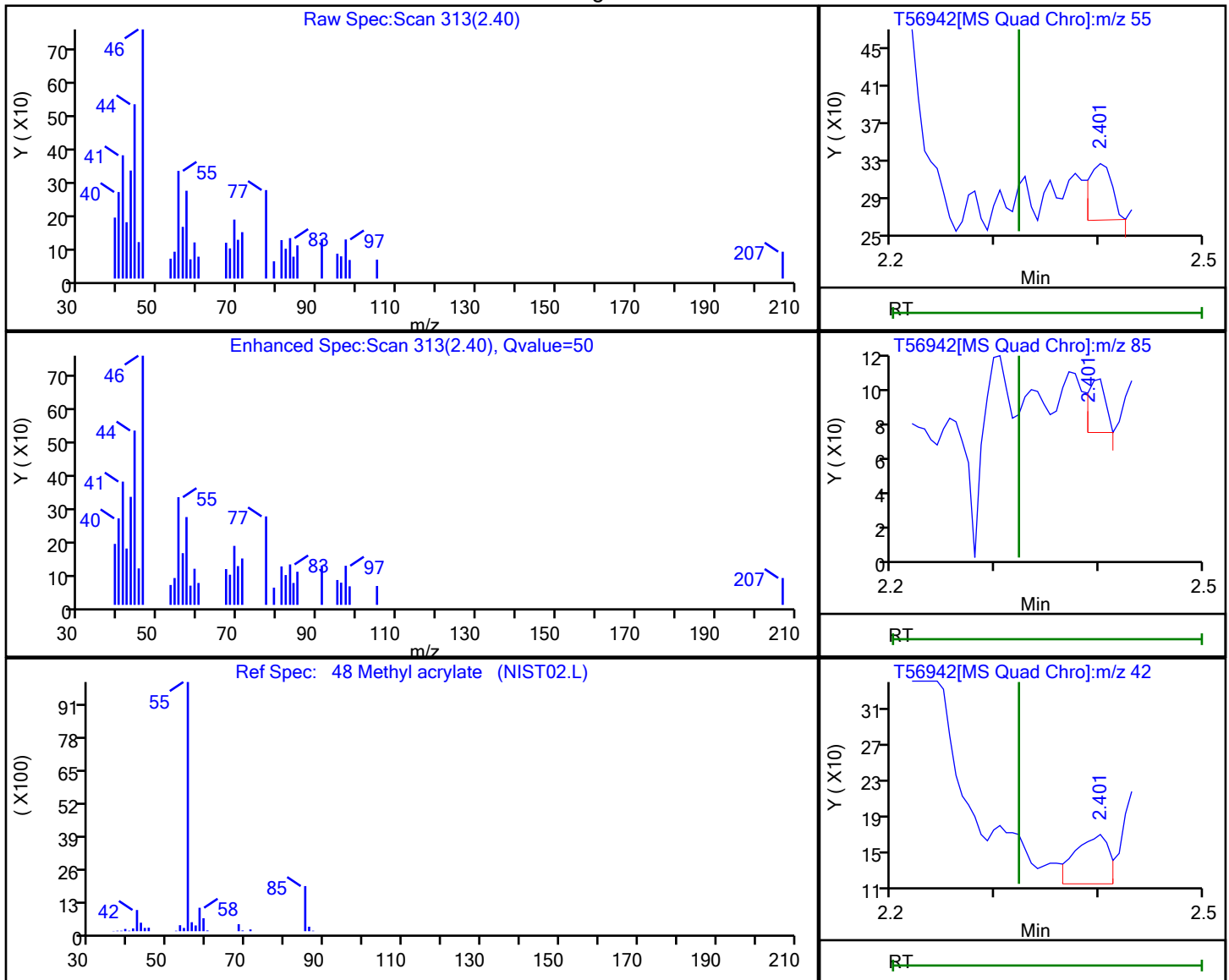
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 48 Methyl acrylate, CAS: 96-33-3

## Processing Results



RT	Mass	Response	Amount
2.40	55.00	89	0.026335
2.40	85.00	35	
2.40	42.00	129	

Reviewer: desais, 22-Oct-2021 09:50:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

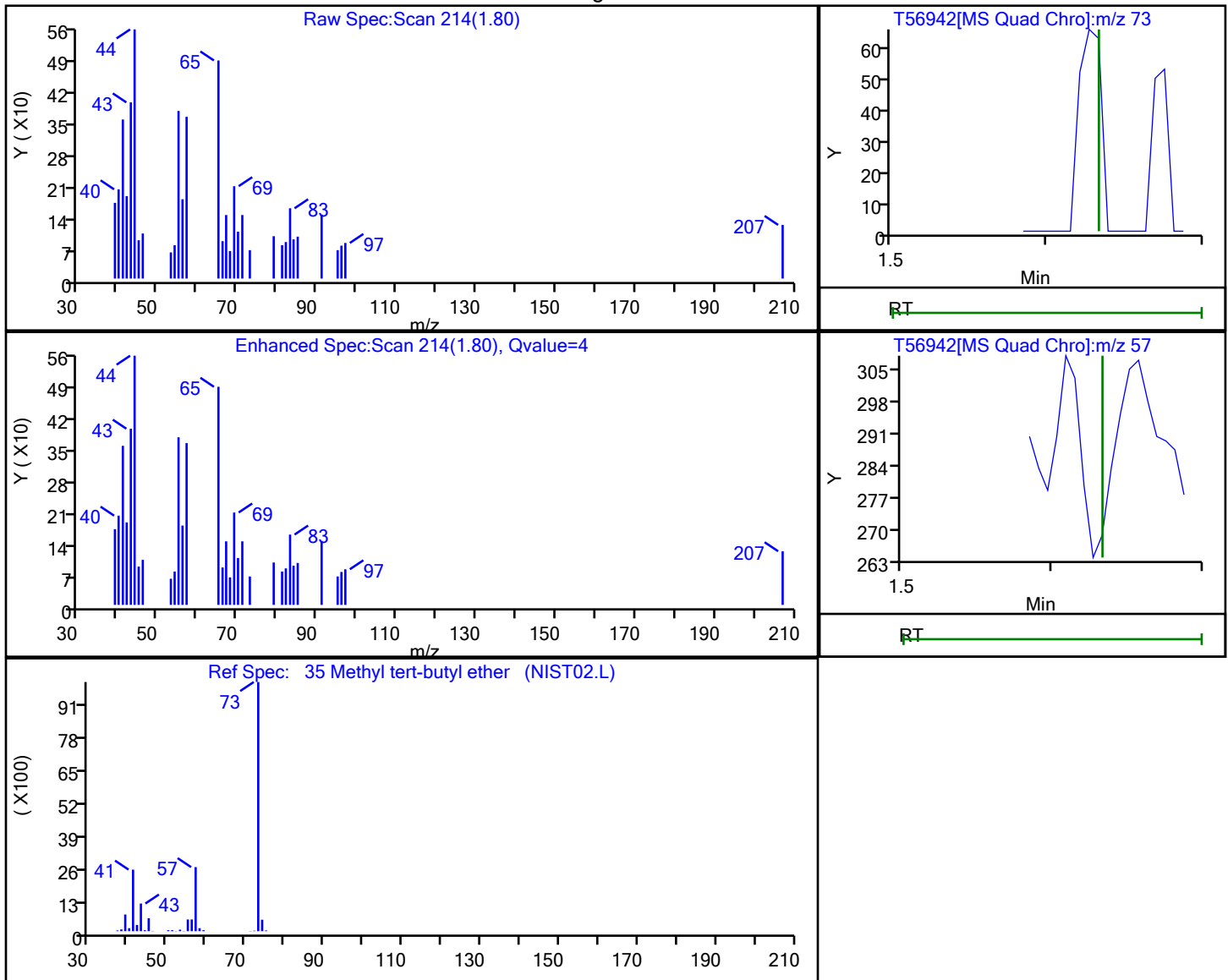
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 35 Methyl tert-butyl ether, CAS: 1634-04-4

## Processing Results



RT	Mass	Response	Amount
1.80	73.00	44	0.005021
1.80	57.00	172	

Reviewer: desais, 22-Oct-2021 09:50:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

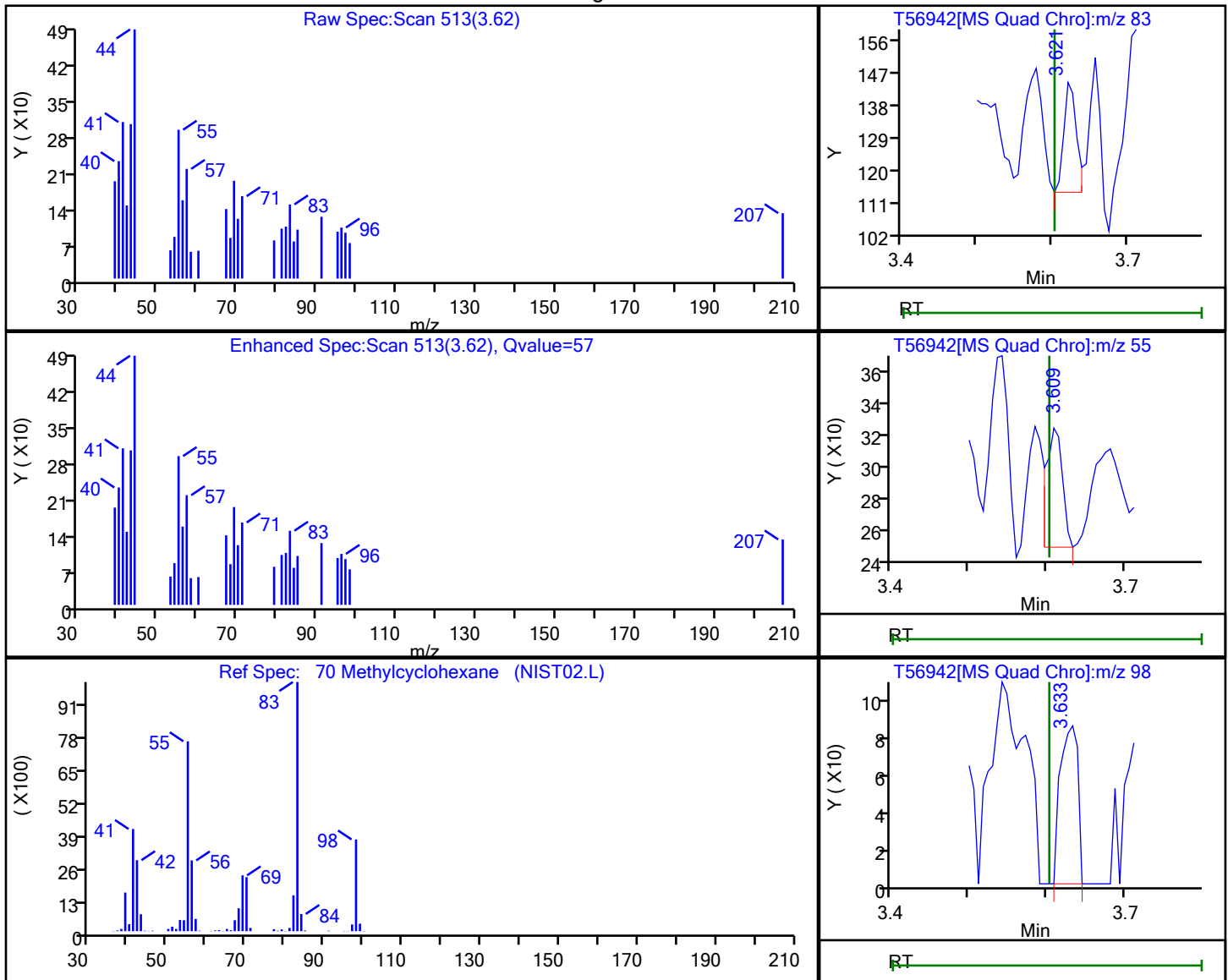
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 70 Methylcyclohexane, CAS: 108-87-2

## Processing Results



RT	Mass	Response	Amount
3.62	83.00	37	0.009451
3.61	55.00	101	
3.63	98.00	131	

Reviewer: desais, 22-Oct-2021 09:50:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

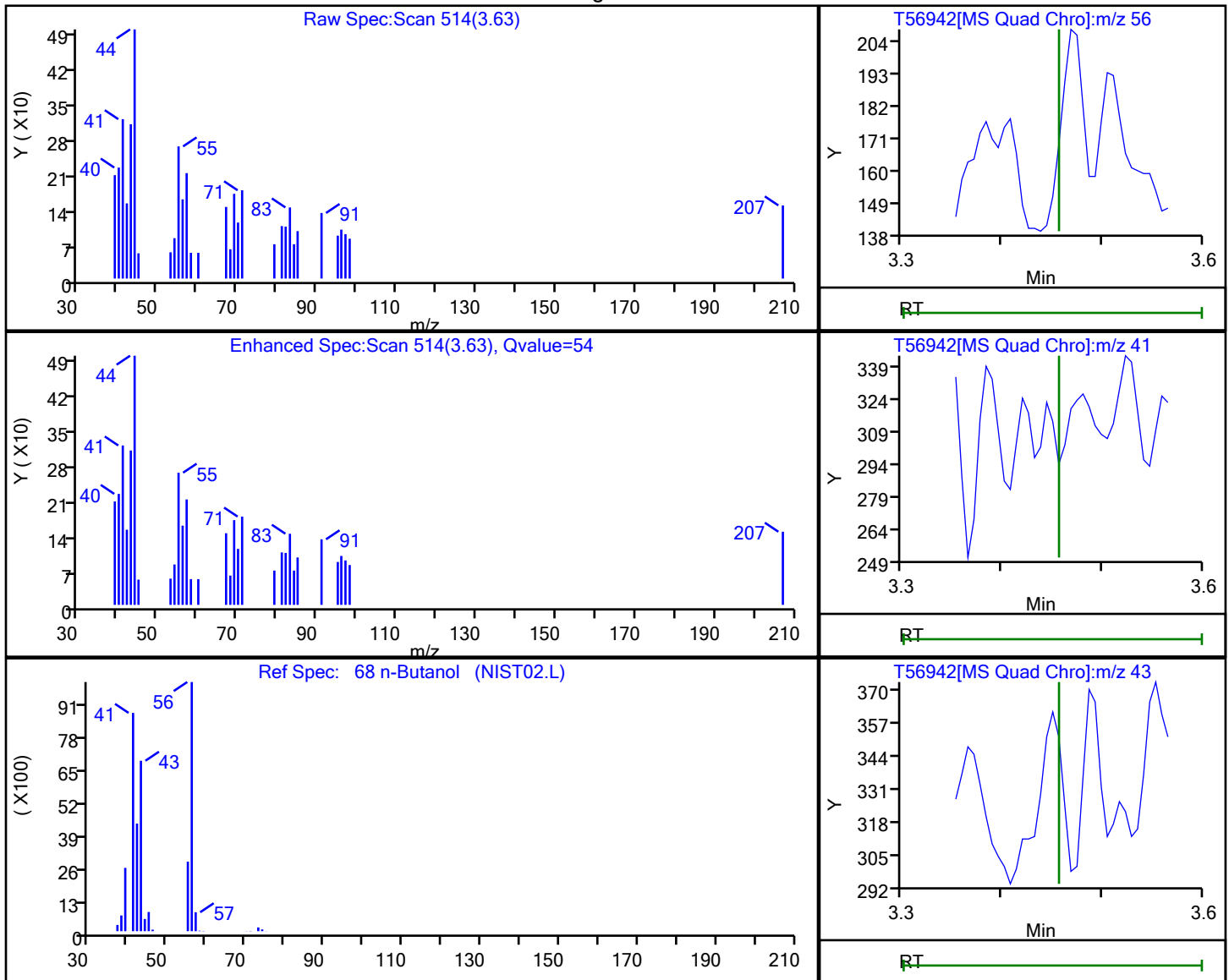
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 68 n-Butanol, CAS: 71-36-3

## Processing Results



RT	Mass	Response	Amount
3.63	56.00	56	0.848752
3.64	41.00	73	
3.64	43.00	100	

Reviewer: desais, 22-Oct-2021 09:50:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

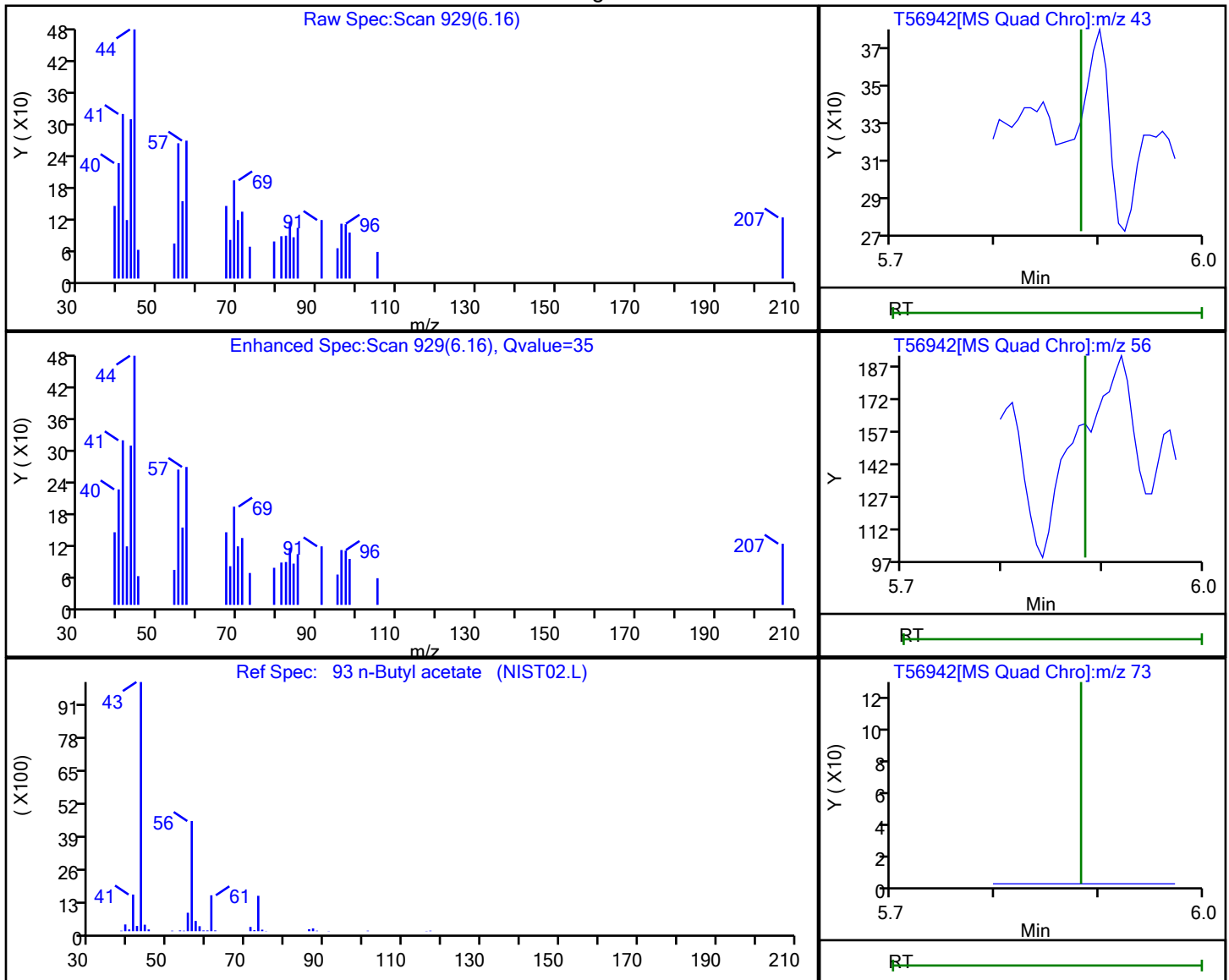
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 93 n-Butyl acetate, CAS: 123-86-4

## Processing Results



RT	Mass	Response	Amount
6.16	43.00	47	0.010319
6.15	56.00	61	
6.16	73.00	41	

Reviewer: desais, 22-Oct-2021 09:50:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

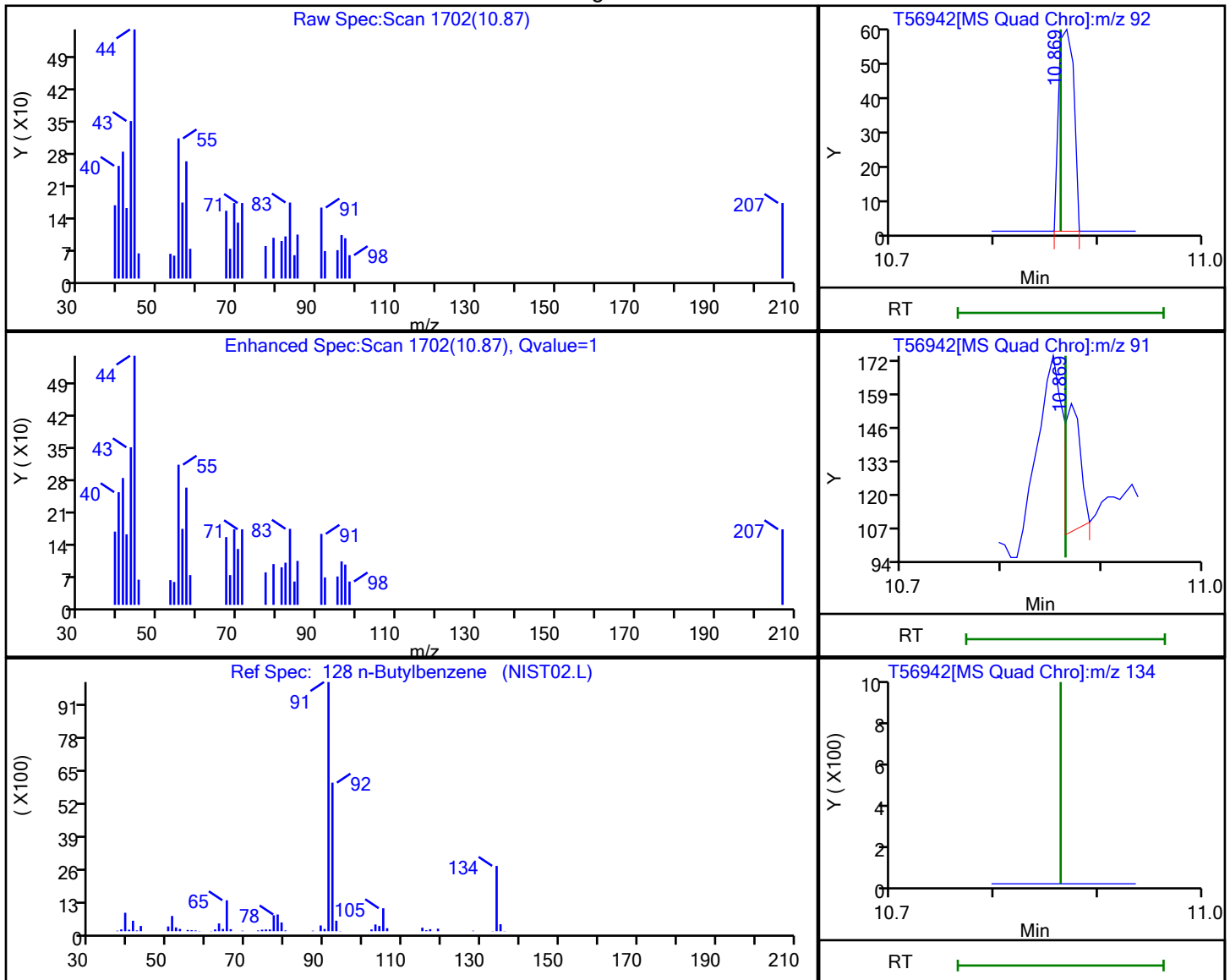
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 128 n-Butylbenzene, CAS: 104-51-8

## Processing Results



RT	Mass	Response	Amount
10.87	92.00	61	0.014002
10.87	91.00	56	
10.86	134.00	0	

Reviewer: desais, 22-Oct-2021 09:50:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

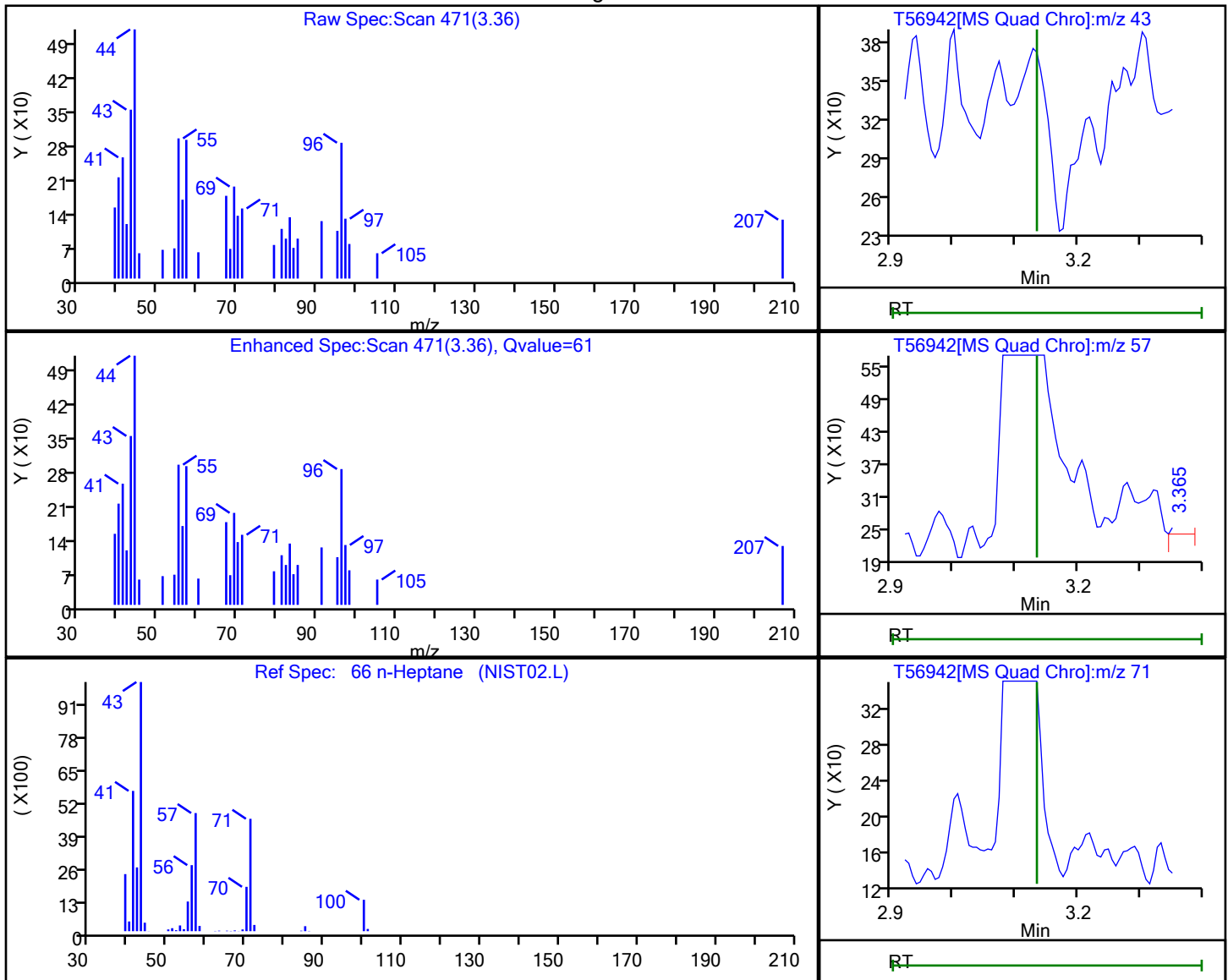
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 66 n-Heptane, CAS: 142-82-5

## Processing Results



RT	Mass	Response	Amount
3.36	43.00	148	0.061691
3.36	57.00	66	
3.38	71.00	95	

Reviewer: desais, 22-Oct-2021 09:50:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

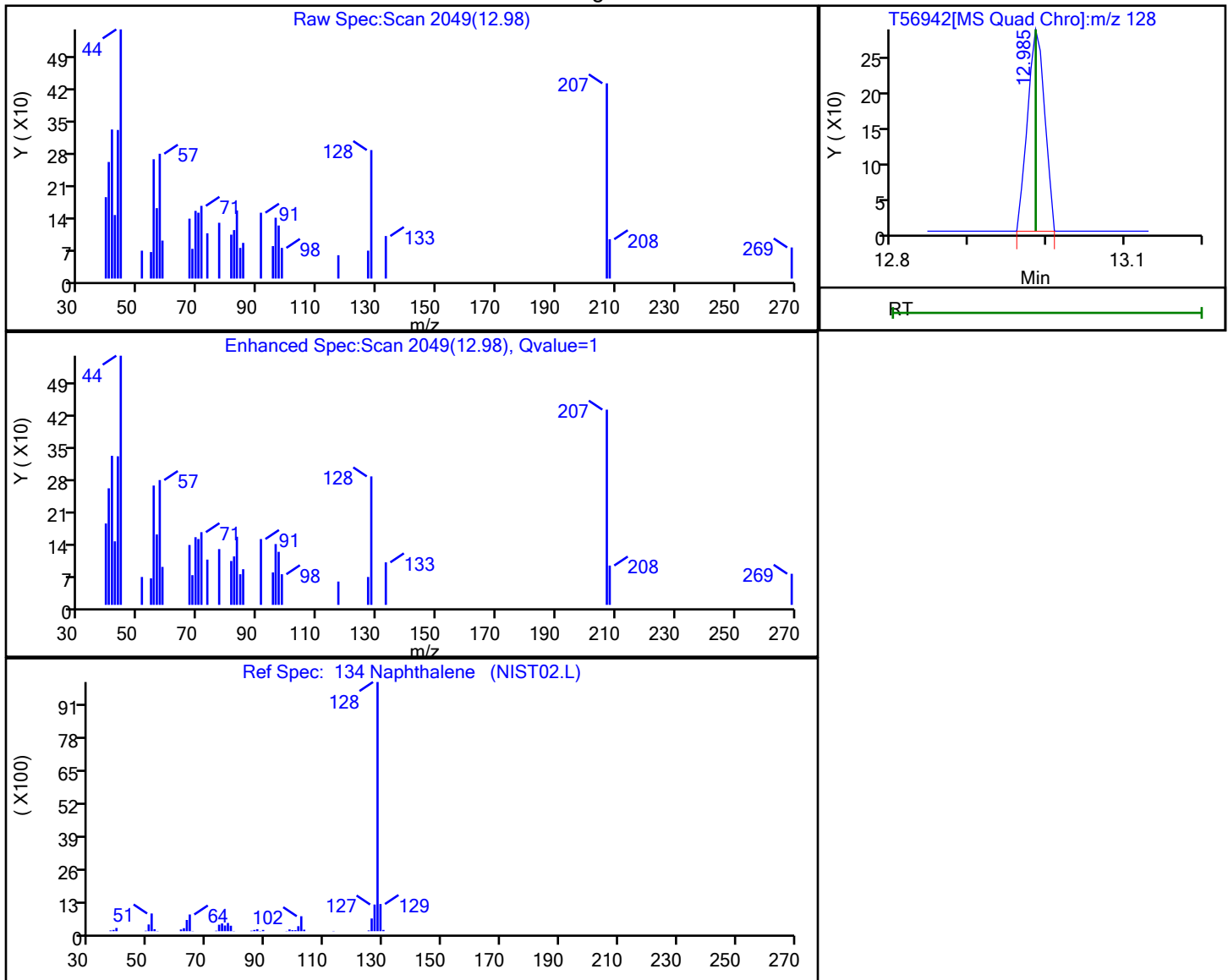
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 134 Naphthalene, CAS: 91-20-3

## Processing Results



RT	Mass	Response	Amount
12.98	128.00	433	0.055264

Reviewer: desais, 22-Oct-2021 09:50:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

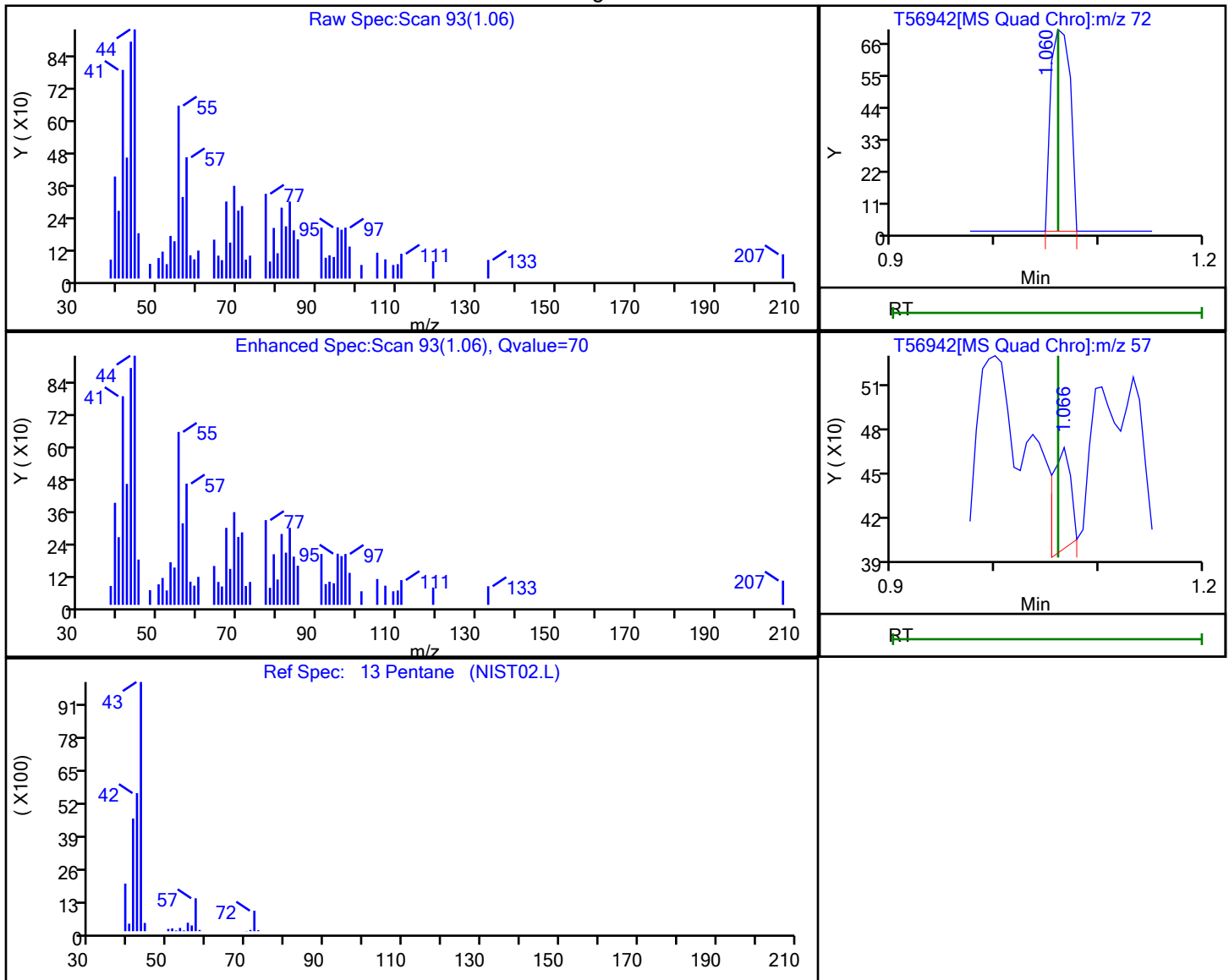
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 13 Pentane, CAS: 109-66-0

## Processing Results



RT	Mass	Response	Amount
1.06	72.00	93	0.213226
1.07	57.00	76	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

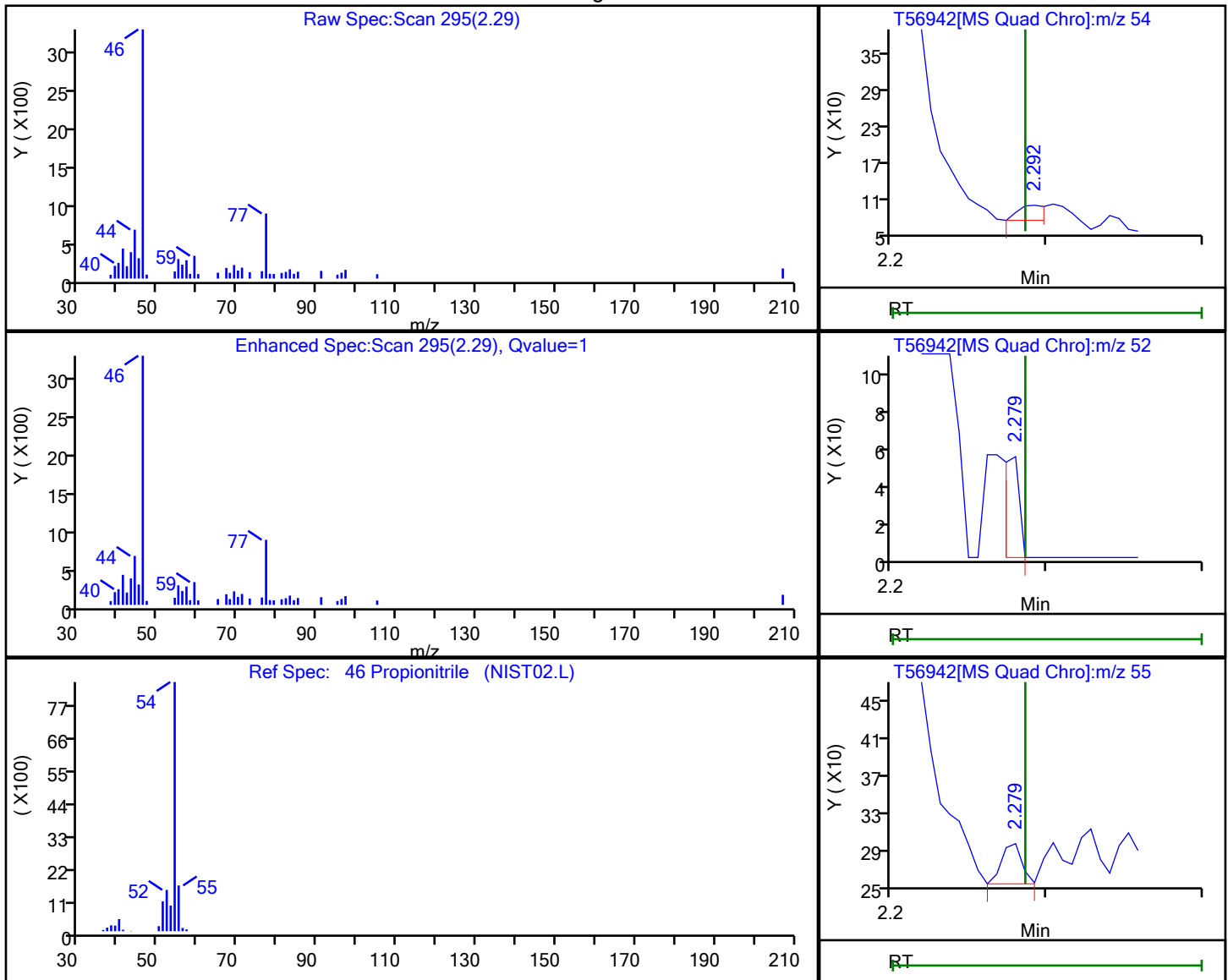
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 46 Propionitrile, CAS: 107-12-0

## Processing Results



RT	Mass	Response	Amount
2.29	54.00	31	0.066494
2.28	52.00	38	
2.28	55.00	37	

Reviewer: desais, 22-Oct-2021 09:50:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

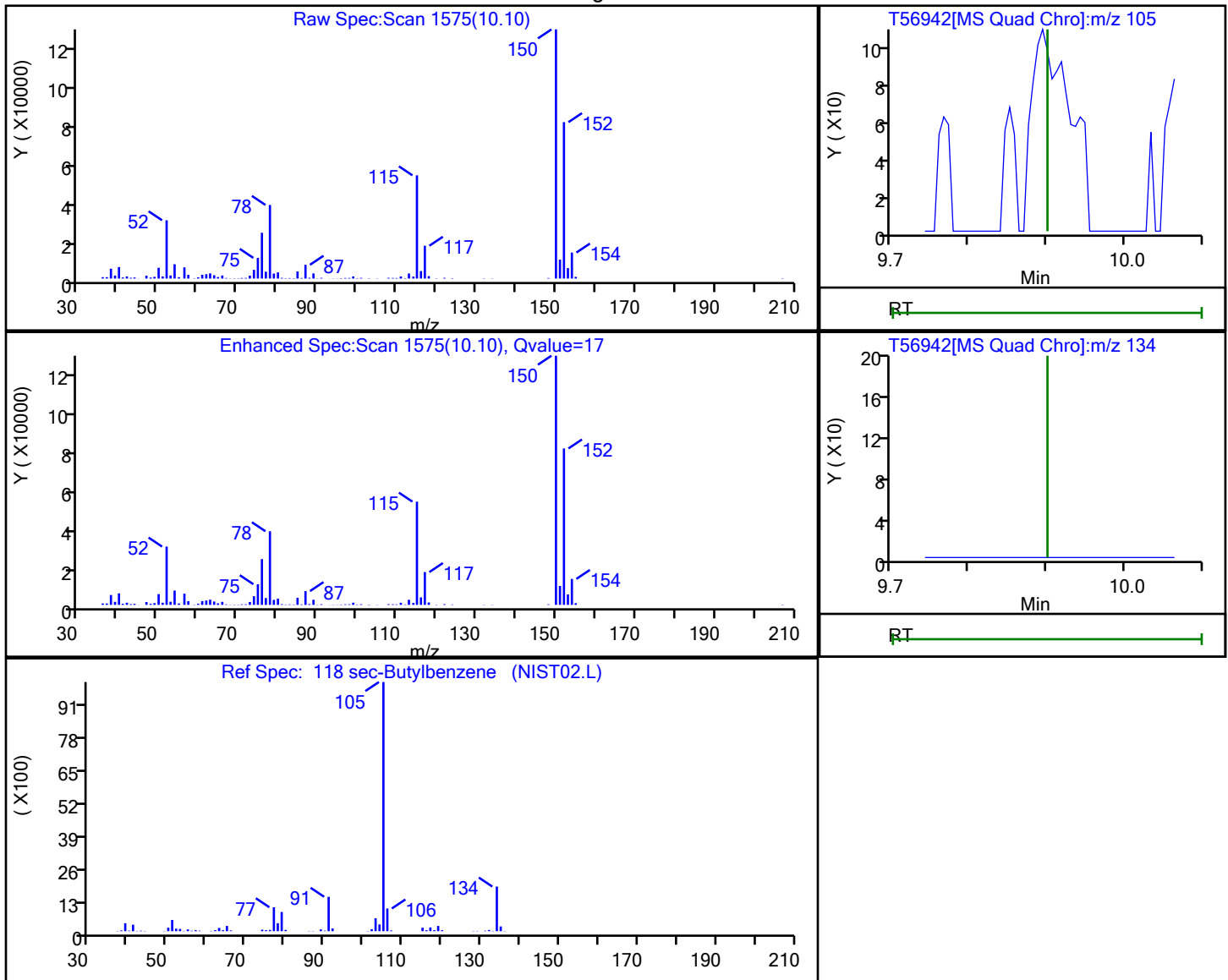
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 118 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



RT	Mass	Response	Amount
10.10	105.00	268	0.025352
10.10	134.00	152	

Reviewer: desais, 22-Oct-2021 09:50:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

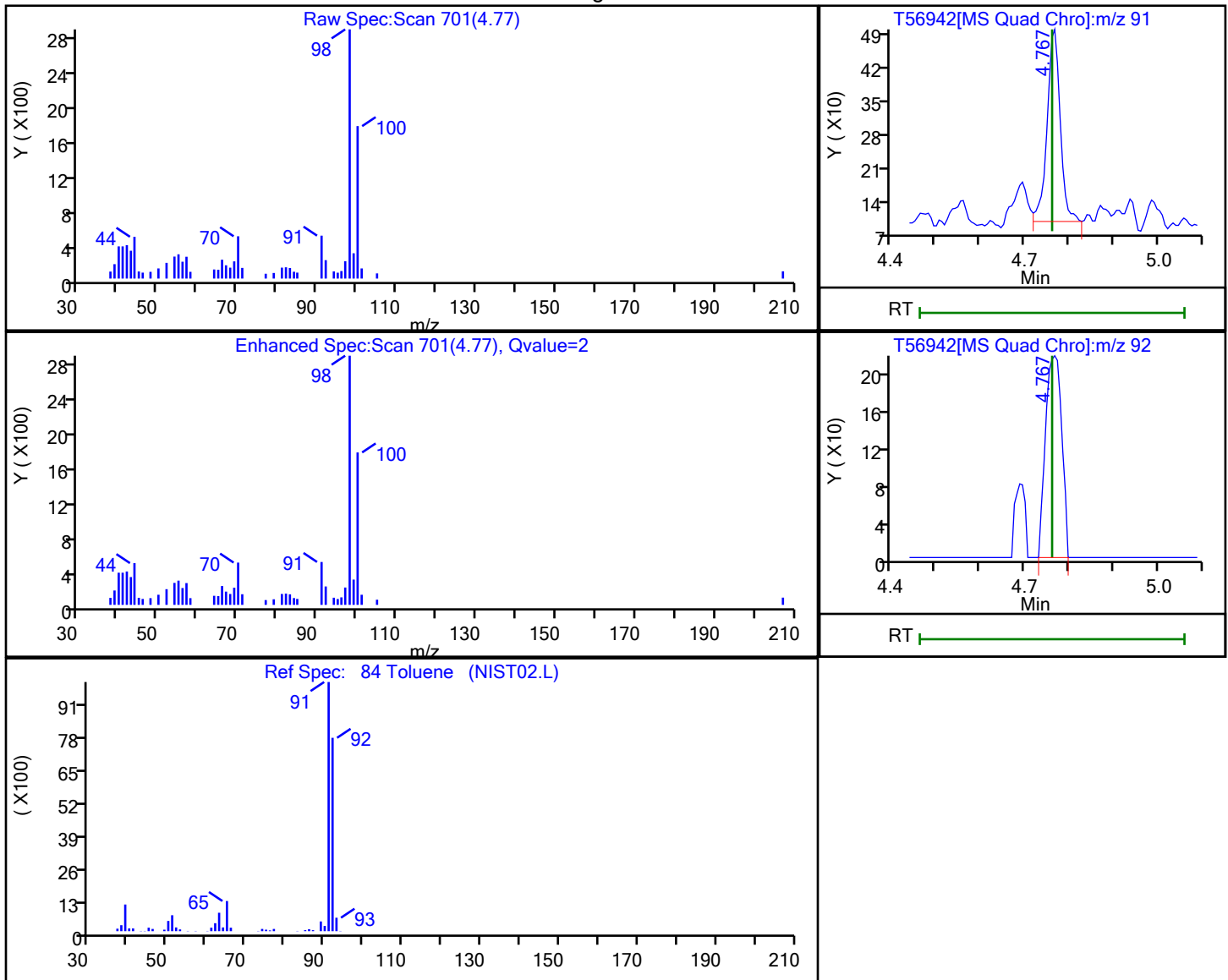
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 84 Toluene, CAS: 108-88-3

## Processing Results



RT	Mass	Response	Amount
4.77	91.00	818	0.060757
4.77	92.00	538	

Reviewer: desais, 22-Oct-2021 09:50:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

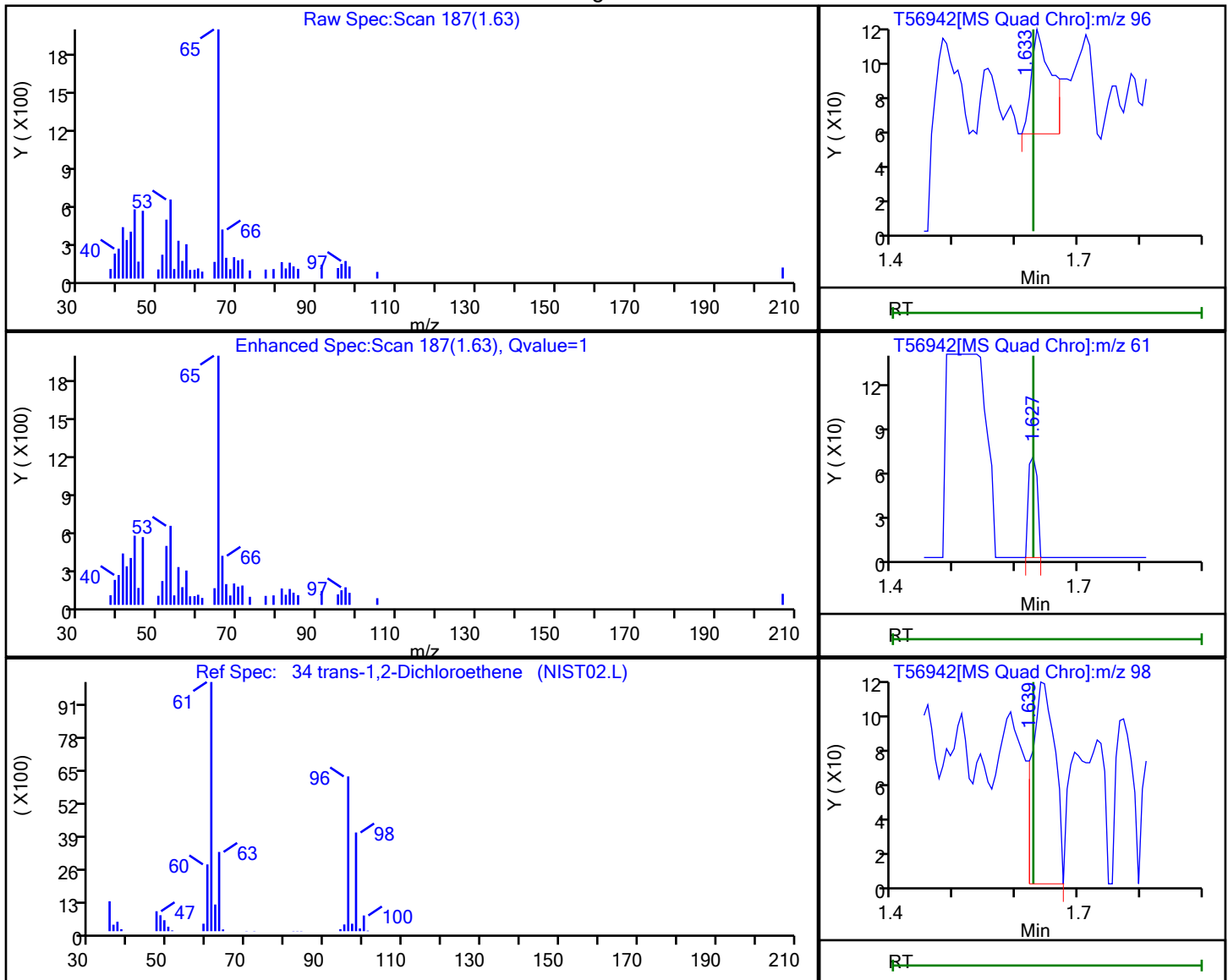
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

**34 trans-1,2-Dichloroethene, CAS: 156-60-5**

## Processing Results



RT	Mass	Response	Amount
1.63	96.00	131	0.040657
1.63	61.00	67	
1.64	98.00	287	

Reviewer: desais, 22-Oct-2021 09:50:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

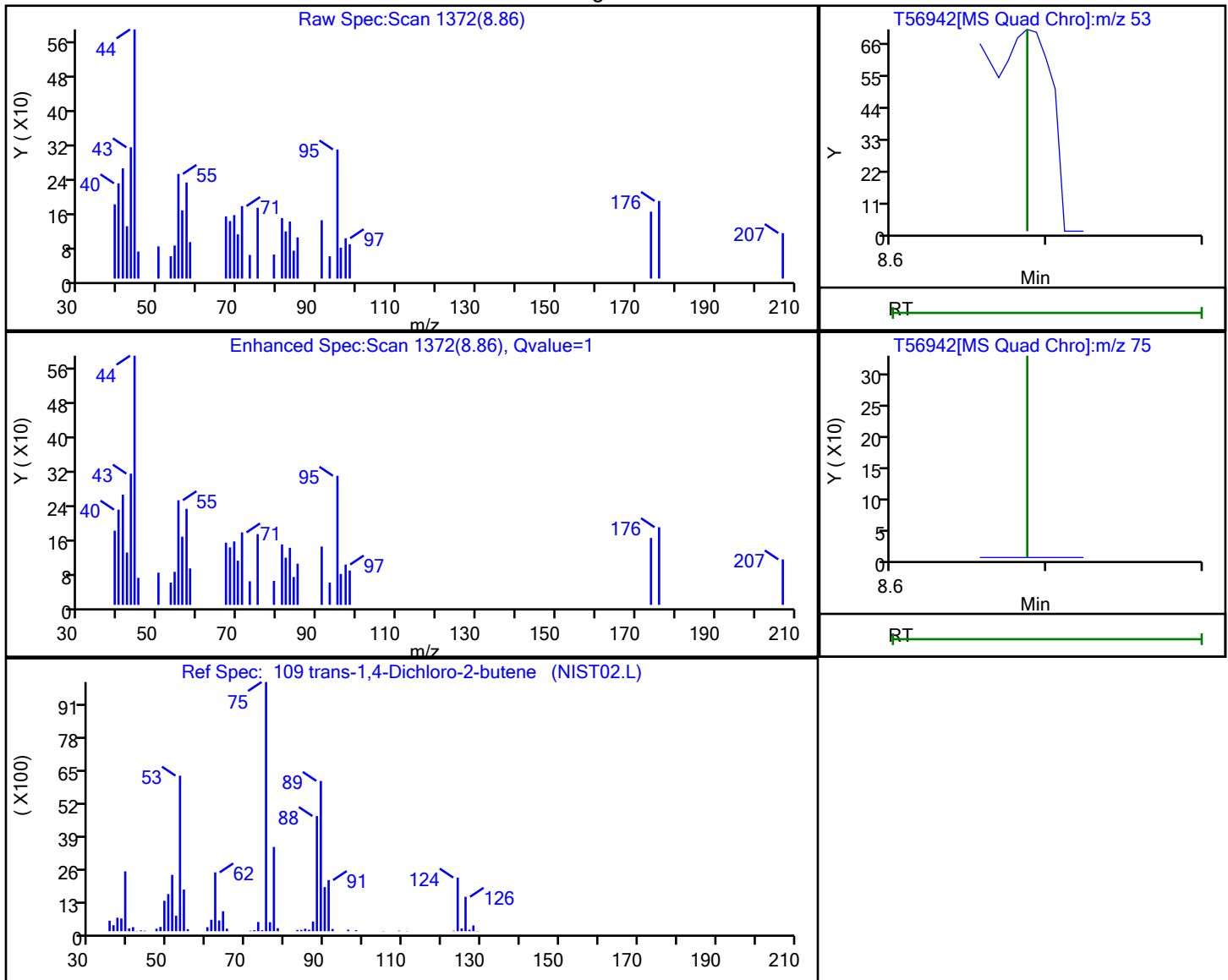
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

## Processing Results



RT	Mass	Response	Amount
8.86	53.00	19	0.018368
8.86	75.00	359	

Reviewer: desais, 22-Oct-2021 09:50:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

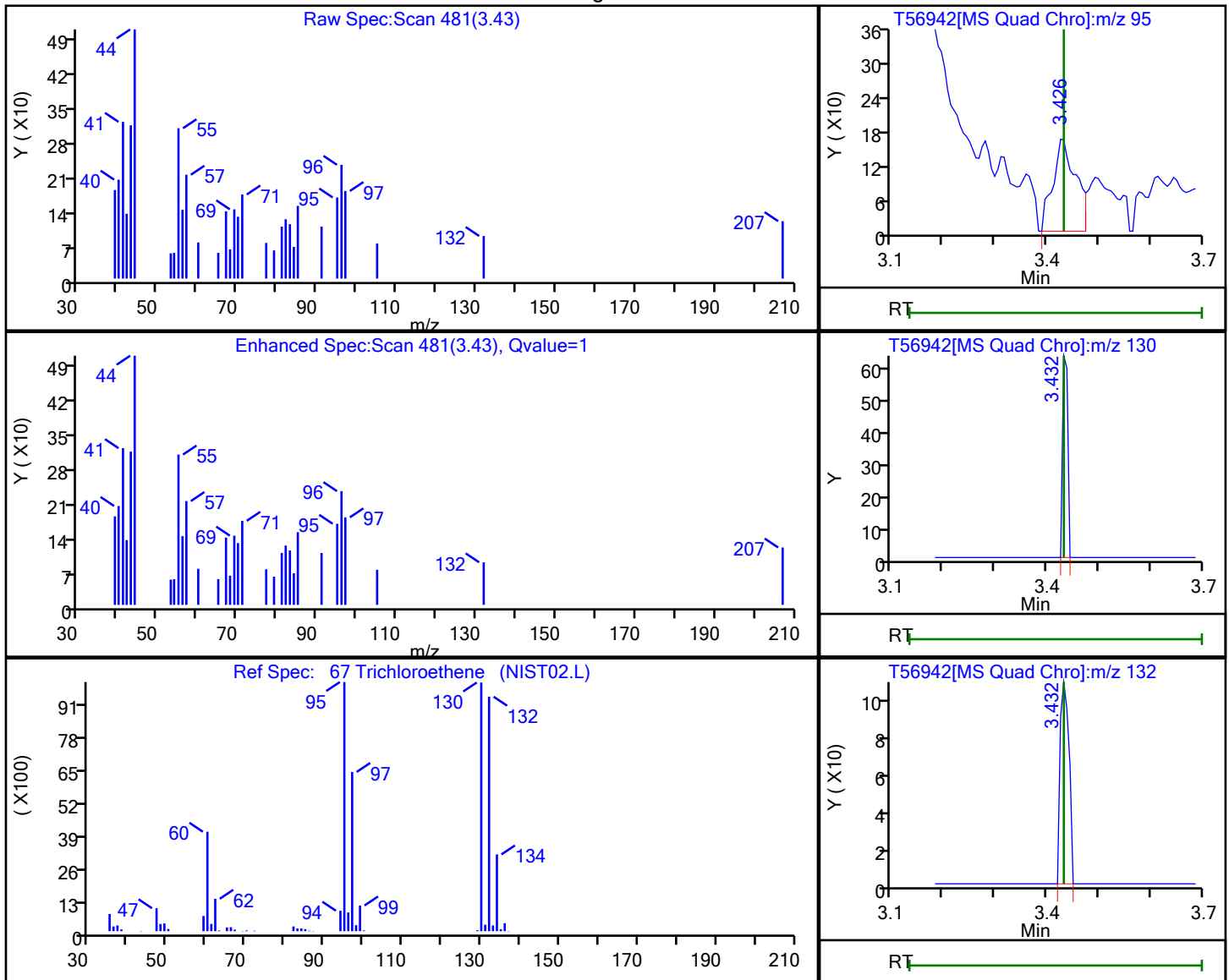
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 67 Trichloroethene, CAS: 79-01-6

## Processing Results



RT	Mass	Response	Amount
3.43	95.00	515	0.143470
3.43	130.00	45	
3.43	132.00	125	

Reviewer: desais, 22-Oct-2021 09:50:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

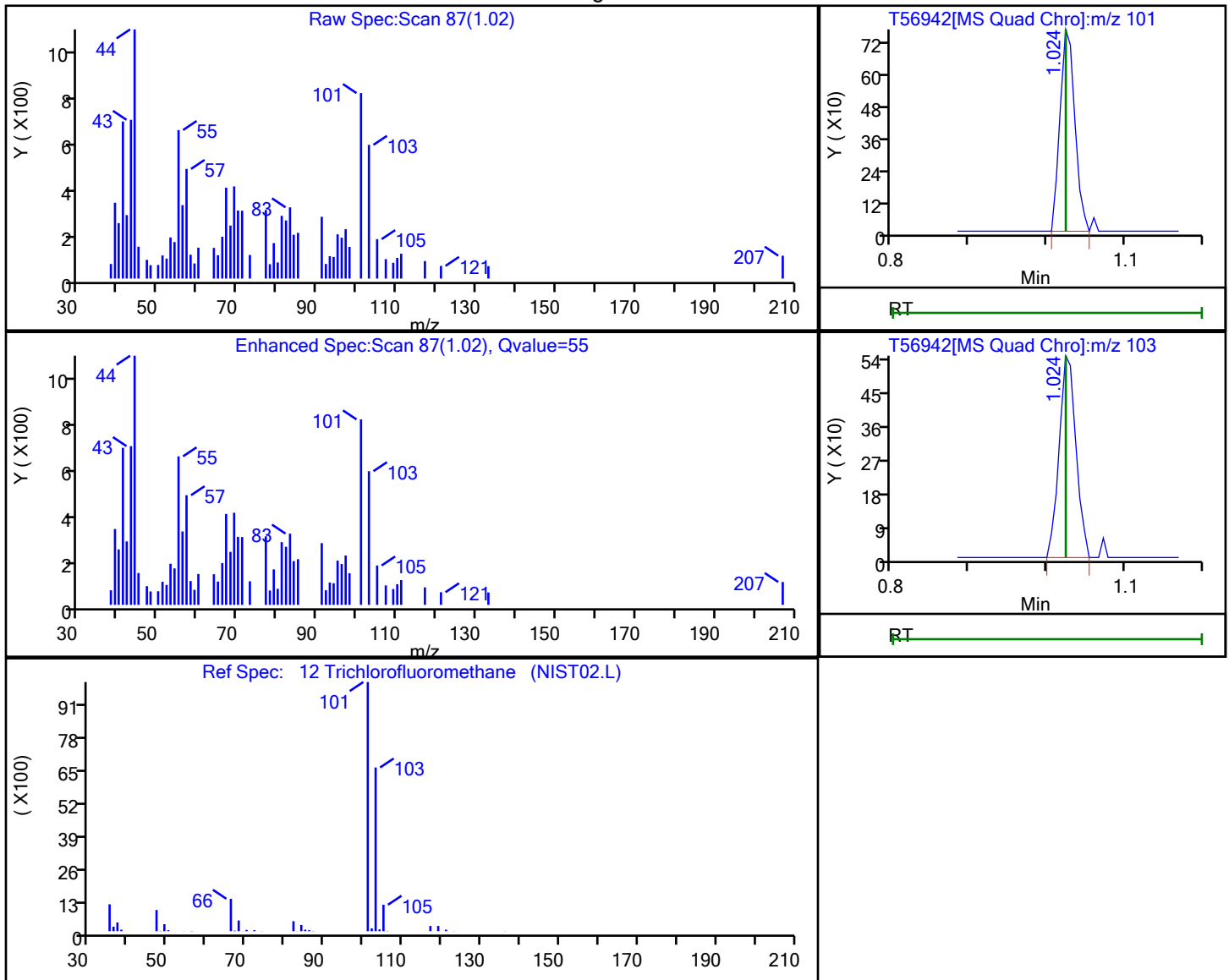
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 12 Trichlorofluoromethane, CAS: 75-69-4

## Processing Results



RT	Mass	Response	Amount
1.02	101.00	1021	0.253721
1.02	103.00	830	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56942.D

Injection Date: 22-Oct-2021 07:50:28

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

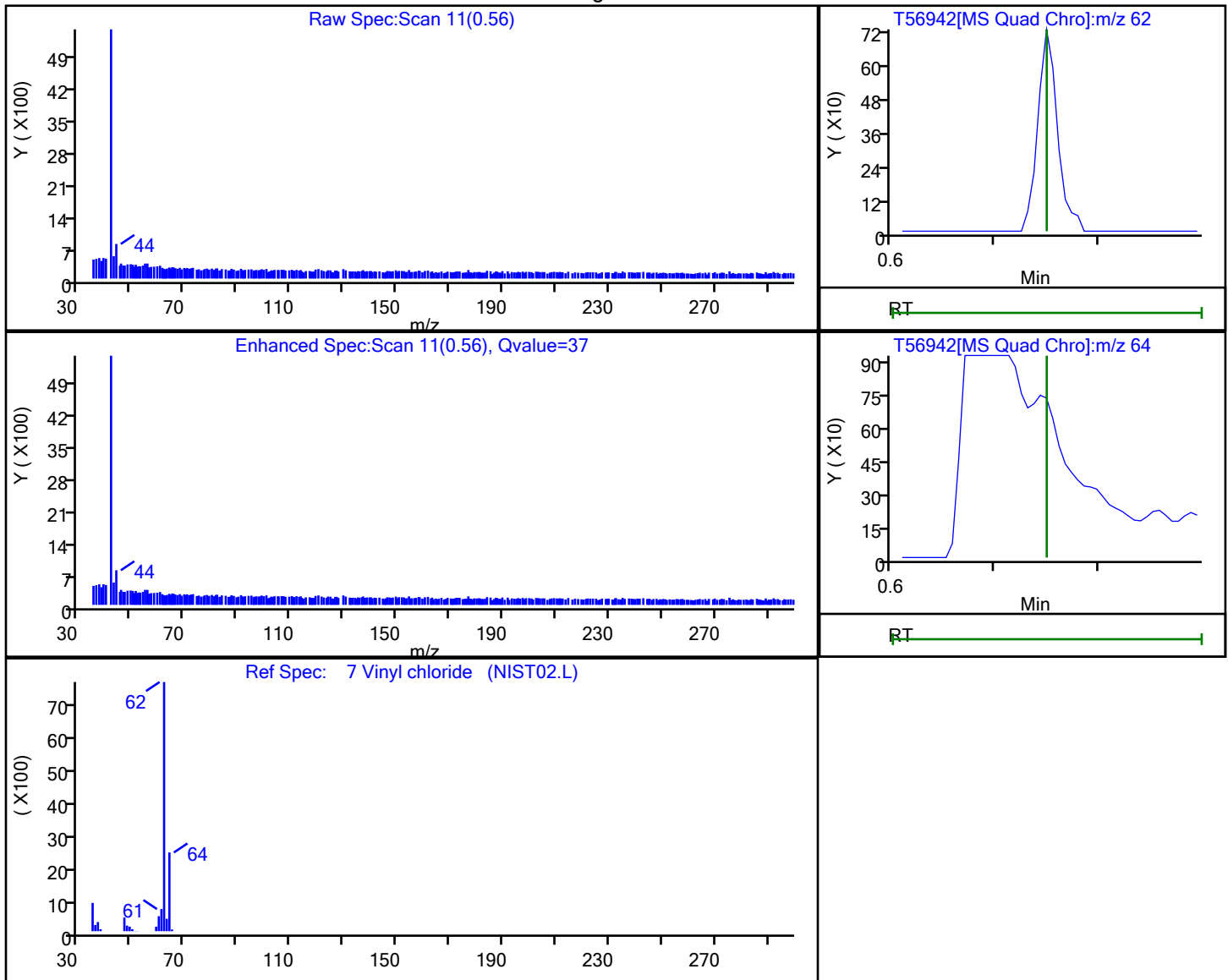
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



RT	Mass	Response	Amount
0.56	62.00	605	0.188759
0.56	64.00	510	

Reviewer: desais, 22-Oct-2021 09:49:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D  
 Lims ID: STD05  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 22-Oct-2021 08:11:33 ALS Bottle#: 0 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD05  
 Misc. Info.: 460-0136419-003  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:14 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 09:53:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	0.627	0.621	0.006	29	594	0.5000	0.5798	
2 1,1-Difluoroethane	65	0.633	0.628	0.005	55	1180	0.5000	0.7871	
4 Dichlorodifluoromethane	85	0.639	0.640	-0.001	58	1724	0.5000	0.5310	
5 Chlorodifluoromethane	67	0.646	0.646	0.000	51	277	0.5000	0.4566	M
6 Chloromethane	50	0.713	0.713	0.000	52	1905	0.5000	0.5395	M
7 Vinyl chloride	62	0.749	0.749	0.000	59	2000	0.5000	0.5578	a
8 Butadiene	54	0.768	0.762	0.006	92	1849	0.5000	0.5761	
9 Bromomethane	94	0.877	0.877	0.000	68	1091	0.5000	0.9369	M
10 Chloroethane	64	0.920	0.914	0.006	65	1005	0.5000	0.5835	M
11 Dichlorofluoromethane	67	0.999	0.999	0.000	83	2826	0.5000	0.5791	M
12 Trichlorofluoromethane	101	1.024	1.024	0.000	79	2300	0.5000	0.5824	
13 Pentane	72	1.060	1.060	0.000	91	548	1.00	1.32	
14 Ethanol	46	1.109	1.115	-0.006	42	373	20.0	23.1	
15 Ethyl ether	59	1.152	1.152	0.000	49	1673	0.5000	0.6868	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.158	1.158	0.000	75	1800	0.5000	0.6734	
17 2-Methyl-1,3-butadiene	53	1.164	1.158	0.006	86	1609	0.5000	0.6344	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.182	1.182	0.000	74	2535	0.5000	0.5688	Ma
19 Acrolein	56	1.206	1.207	-0.001	73	1352	2.03	2.49	
20 1,1-Dichloroethene	96	1.255	1.249	0.006	84	1710	0.5000	0.6184	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.255	1.255	0.000	61	1616	0.5000	0.6100	
22 Acetone	43	1.280	1.280	0.000	80	3442	2.50	3.59	M
23 Iodomethane	142	1.322	1.323	-0.001	85	1251	0.5000	0.5104	
24 Carbon disulfide	76	1.353	1.353	0.000	97	5662	0.5000	0.6038	
25 Isopropyl alcohol	45	1.353	1.353	0.000	31	1376	5.00	6.27	
26 Acetonitrile	40	1.420	1.414	0.006	85	1217	5.00	5.87	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	86	1135	0.5000	0.5724	
28 Methyl acetate	43	1.438	1.438	0.000	95	2480	1.00	1.20	
29 Cyclopentene	67	1.469	1.463	0.006	91	4196	0.5000	0.5751	
30 Methylene Chloride	84	1.487	1.487	0.000	30	2038	0.5000	0.6198	
* 31 TBA-d9 (IS)	66	1.511	1.512	-0.001	98	52231	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	1.554	1.554	0.000	37	2307	5.00	6.53	
33 Acrylonitrile	53	1.615	1.615	0.000	91	7188	5.00	6.19	
34 trans-1,2-Dichloroethene	96	1.633	1.627	0.006	66	1998	0.5000	0.6266	
35 Methyl tert-butyl ether	73	1.633	1.633	0.000	91	5485	0.5000	0.6324	
36 Hexane	57	1.792	1.792	0.000	89	2103	0.5000	0.6426	
37 1,1-Dichloroethane	63	1.865	1.865	0.000	76	3372	0.5000	0.5967	
38 Vinyl acetate	86	1.908	1.908	0.000	98	809	1.00	1.20	
39 2-Chloro-1,3-butadiene	88	1.926	1.920	0.006	61	1704	0.5000	0.5717	
40 Isopropyl ether	45	1.926	1.920	0.006	69	5502	0.5000	0.6153	
41 Tert-butyl ethyl ether	59	2.151	2.152	-0.001	90	5060	0.5000	0.5579	
* 42 2-Butanone-d5	46	2.206	2.207	0.000	67	362828	250.0	250.0	
44 2,2-Dichloropropane	97	2.231	2.231	0.000	44	725	0.5000	0.6163	a
43 cis-1,2-Dichloroethene	96	2.231	2.231	0.000	24	2087	0.5000	0.6007	
45 2-Butanone (MEK)	43	2.249	2.249	0.000	42	3182	2.50	2.58	a
46 Propionitrile	54	2.292	2.286	0.006	58	2191	5.00	5.29	a
47 Ethyl acetate	70	2.310	2.304	0.006	80	464	1.00	1.23	
48 Methyl acrylate	55	2.322	2.322	0.000	64	1917	0.5000	0.5623	
50 Methacrylonitrile	67	2.395	2.389	0.006	89	7957	5.00	5.98	
49 Chlorobromomethane	128	2.395	2.396	-0.001	45	839	0.5000	0.5959	
51 Tetrahydrofuran	72	2.438	2.432	0.006	53	619	1.00	1.32	
52 Chloroform	83	2.462	2.456	0.006	81	3447	0.5000	0.6179	
\$ 53 Dibromofluoromethane (Surr)	113	2.572	2.572	0.000	95	152240	50.0	51.3	
54 1,1,1-Trichloroethane	97	2.584	2.584	0.000	24	2726	0.5000	0.5553	M
55 Cyclohexane	84	2.621	2.621	0.000	80	2880	0.5000	0.6926	
56 Carbon tetrachloride	117	2.706	2.706	0.000	80	2364	0.5000	0.5745	
57 1,1-Dichloropropene	75	2.712	2.713	-0.001	86	2665	0.5000	0.5853	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.822	2.822	0.000	92	180500	50.0	52.2	
59 Isobutyl alcohol	43	2.871	2.859	0.012	40	1185	12.5	11.3	a
60 Benzene	78	2.871	2.865	0.006	92	7675	0.5000	0.6204	
61 1,2-Dichloroethane	62	2.889	2.883	0.006	67	2773	0.5000	0.6701	
62 Isooctane	57	2.956	2.956	0.000	82	3475	0.5000	0.6072	
63 Isopropyl acetate	61	2.981	2.981	-0.001	86	665	0.5000	0.5407	
64 Tert-amyl methyl ether	73	2.987	2.987	0.000	69	5453	0.5000	0.6097	
* 65 Fluorobenzene	96	3.109	3.109	0.000	98	585497	50.0	50.0	
66 n-Heptane	43	3.133	3.133	0.000	37	1557	0.5000	0.6361	a
67 Trichloroethene	95	3.432	3.432	0.000	76	1912	0.5000	0.5474	
68 n-Butanol	56	3.505	3.456	0.049	56	483	12.5	5.09	M
69 Ethyl acrylate	55	3.596	3.590	0.006	87	3831	0.5000	0.5564	
70 Methylcyclohexane	83	3.602	3.603	-0.001	80	2428	0.5000	0.6144	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	70	1877	0.5000	0.5820	
72 Dibromomethane	93	3.743	3.737	0.006	20	1355	0.5000	0.6682	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	28	38703	1000.0	1000.0	
74 1,4-Dioxane	88	3.791	3.798	-0.007	36	1282	25.0	29.9	
75 Methyl methacrylate	100	3.810	3.810	0.000	86	916	1.00	1.05	
76 n-Propyl acetate	43	3.895	3.889	0.006	91	2172	0.5000	0.5199	
77 Dichlorobromomethane	83	3.919	3.920	-0.001	87	2309	0.5000	0.5472	
78 2-Nitropropane	41	4.163	4.163	0.000	85	1141	1.00	1.38	
79 2-Chloroethyl vinyl ether	106	4.291	4.285	0.006	58	261	0.5012	0.4789	
80 Epichlorohydrin	57	4.322	4.316	0.006	79	2636	10.0	9.58	
81 cis-1,3-Dichloropropene	75	4.407	4.401	0.006	69	2991	0.5000	0.5848	
82 4-Methyl-2-pentanone (MIBK)	43	4.614	4.615	-0.001	92	7653	2.50	2.75	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	99	551225	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	4.767	4.761	0.006	89	7757	0.5000	0.5974	
85 trans-1,3-Dichloropropene	75	5.072	5.066	0.006	71	2837	0.5000	0.5997	
86 Ethyl methacrylate	69	5.254	5.255	-0.001	70	2023	0.5000	0.5210	
87 1,1,2-Trichloroethane	83	5.273	5.273	0.000	74	1433	0.5000	0.6123	
88 Tetrachloroethene	166	5.413	5.413	0.000	73	1523	0.5000	0.5602	
89 1,3-Dichloropropane	76	5.468	5.468	0.000	84	2924	0.5000	0.6132	
90 2-Hexanone	43	5.657	5.651	0.006	89	5412	2.50	2.67	
91 Chlorodibromomethane	129	5.736	5.736	0.000	59	1828	0.5000	0.6203	
92 Ethylene Dibromide	107	5.846	5.840	0.006	68	1819	0.5000	0.6219	
93 n-Butyl acetate	43	5.889	5.883	0.005	86	2543	0.5000	0.5778	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	403204	50.0	50.0	
95 Chlorobenzene	112	6.535	6.535	0.000	47	4562	0.5000	0.5888	
96 1,1,1,2-Tetrachloroethane	131	6.681	6.681	0.000	68	1571	0.5000	0.5700	
97 Ethylbenzene	106	6.748	6.742	0.006	91	2296	0.5000	0.5622	
98 m-Xylene & p-Xylene	106	6.925	6.925	0.000	98	3078	0.5000	0.6080	
99 o-Xylene	106	7.486	7.486	0.000	86	2729	0.5000	0.5679	
100 Styrene	104	7.516	7.517	-0.001	89	5058	0.5000	0.6129	
101 n-Butyl acrylate	73	7.620	7.614	0.006	83	1429	0.5000	0.6048	
102 Bromoform	173	7.724	7.718	0.006	48	941	0.5000	0.5085	
103 Amyl acetate (mixed isomers)	43	8.004	8.004	0.000	86	2650	0.5000	0.5385	
104 Isopropylbenzene	105	8.077	8.077	0.000	83	7253	0.5000	0.6117	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	82	142326	50.0	50.0	
106 Bromobenzene	156	8.431	8.431	0.000	83	1613	0.5000	0.5770	
107 1,1,2,2-Tetrachloroethane	83	8.595	8.596	-0.001	68	2212	0.5000	0.5757	
108 1,2,3-Trichloropropane	110	8.601	8.596	0.005	64	736	0.5000	0.6681	
109 trans-1,4-Dichloro-2-butene	53	8.687	8.687	0.000	15	698	0.5000	0.6509	
110 N-Propylbenzene	91	8.729	8.730	-0.001	92	8397	0.5000	0.5859	
111 2-Chlorotoluene	91	8.778	8.778	0.000	82	4921	0.5000	0.5738	
112 4-Ethyltoluene	105	8.925	8.925	0.000	88	6381	0.5000	0.5862	
113 4-Chlorotoluene	91	8.967	8.967	0.000	81	5577	0.5000	0.5629	
114 1,3,5-Trimethylbenzene	105	9.040	9.041	-0.001	82	5555	0.5000	0.6141	
115 Butyl Methacrylate	87	9.363	9.358	0.005	74	2132	0.5000	0.5663	
116 tert-Butylbenzene	119	9.540	9.541	-0.001	73	4321	0.5000	0.5994	
117 1,2,4-Trimethylbenzene	105	9.620	9.620	0.000	80	5666	0.5000	0.6188	
118 sec-Butylbenzene	105	9.900	9.900	0.000	85	6430	0.5000	0.6151	
119 1,3-Dichlorobenzene	146	9.979	9.973	0.006	82	2699	0.5000	0.5803	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	97	183135	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.132	10.132	0.000	41	2951	0.5000	0.6087	a
122 4-Isopropyltoluene	119	10.187	10.187	-0.001	83	4644	0.5000	0.5577	
123 1,2,3-Trimethylbenzene	105	10.278	10.278	0.000	85	5563	0.5000	0.6029	
124 Benzyl chloride	91	10.406	10.400	0.006	82	4441	0.5000	0.6078	
125 2,3-Dihydroindene	117	10.552	10.553	-0.001	82	4995	0.5000	0.5717	
126 1,2-Dichlorobenzene	146	10.717	10.717	0.000	81	2634	0.5000	0.5907	
127 p-Diethylbenzene	119	10.833	10.833	0.000	74	2496	0.5000	0.5914	
128 n-Butylbenzene	92	10.869	10.863	0.006	84	2522	0.5000	0.5825	
129 1,2-Dibromo-3-Chloropropane	157	11.887	11.888	-0.001	19	443	0.5000	0.5829	
130 1,2,4,5-Tetramethylbenzene	119	11.942	11.936	0.006	81	4103	0.5000	0.5759	
131 1,3,5-Trichlorobenzene	180	12.137	12.138	-0.001	63	1423	0.5000	0.5895	
132 1,2,4-Trichlorobenzene	180	12.777	12.778	-0.001	56	1337	0.5000	0.6118	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	7	540	0.5000	0.6553	
134 Naphthalene	128	12.985	12.985	0.000	92	4436	0.5000	0.6037	
135 1,2,3-Trichlorobenzene	180	13.210	13.211	-0.001	56	1085	0.5000	0.6190	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.23	
S 137 Xylenes, Total	100				0		1.00	1.18	
S 140 Total BTEX	1				0		2.50	2.96	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.18	
S 138 Total 1,2-dichloroethene	1				0			1.23	

### QC Flag Legend

Processing Flags

Review Flags

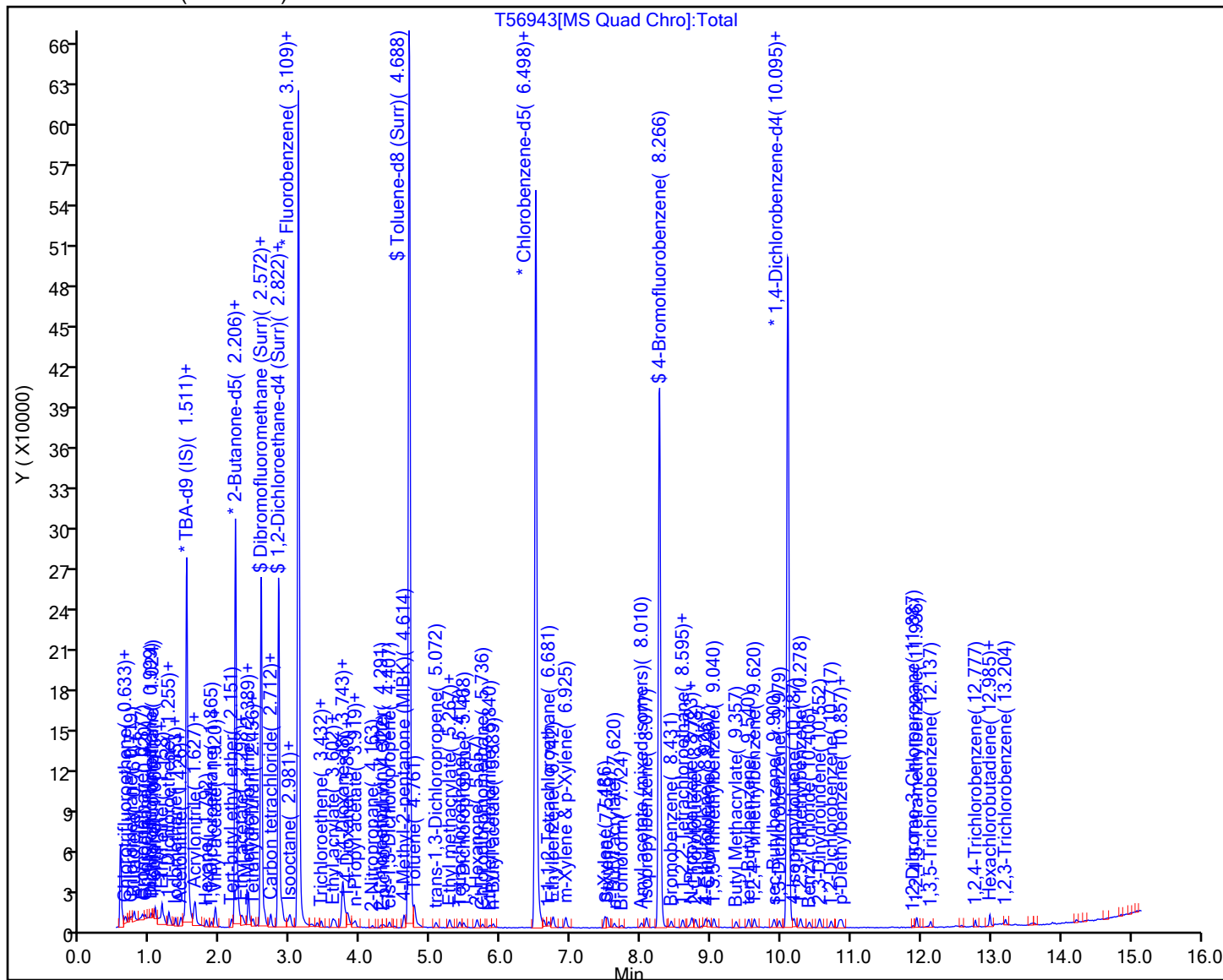
M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00145	Amount Added: 5.00	Units: uL	
ACROLEIN W_00132	Amount Added: 2.00	Units: uL	
GASES Li_00444	Amount Added: 5.00	Units: uL	
524freon_00044	Amount Added: 5.00	Units: uL	
14DIOXINTER_00134	Amount Added: 15.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

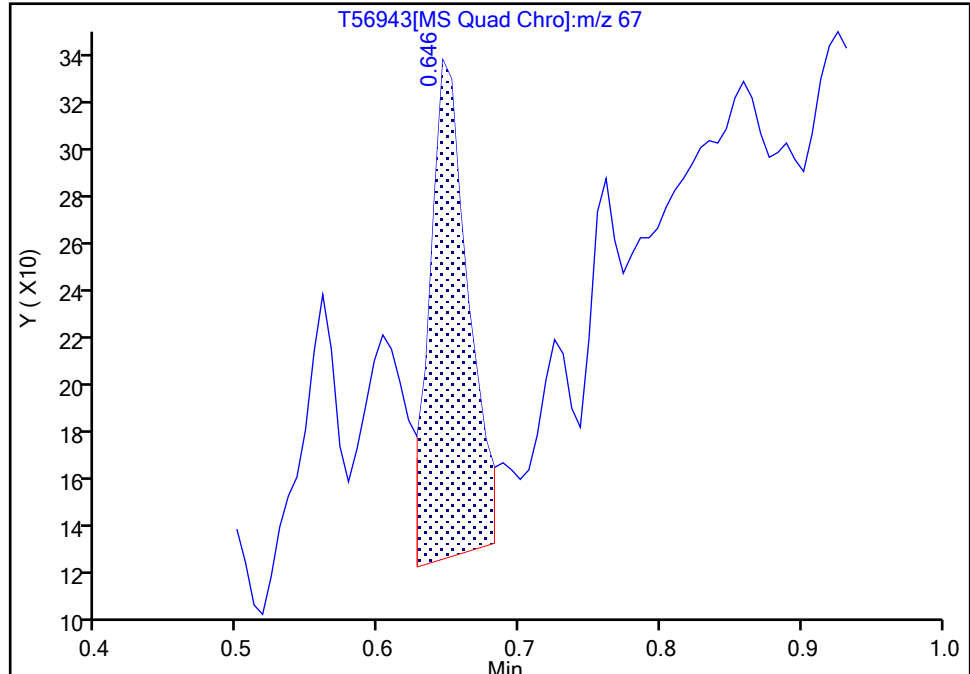
MS Quad

**5 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

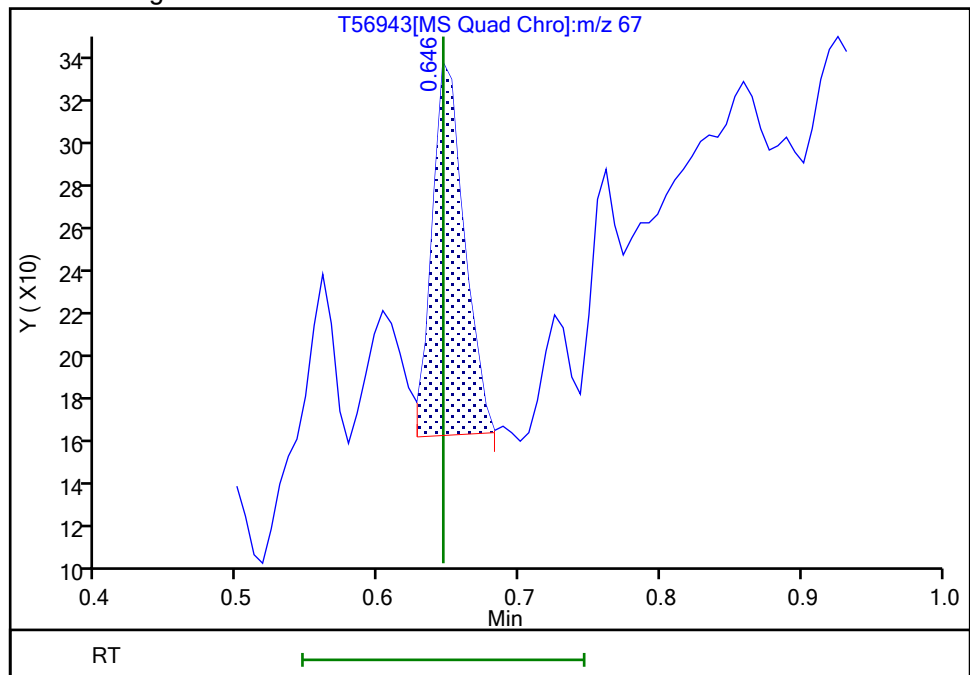
RT: 0.65  
Area: 405  
Amount: 0.719845  
Amount Units: ug/l

## Processing Integration Results



RT: 0.65  
Area: 277  
Amount: 0.456606  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:24:18

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

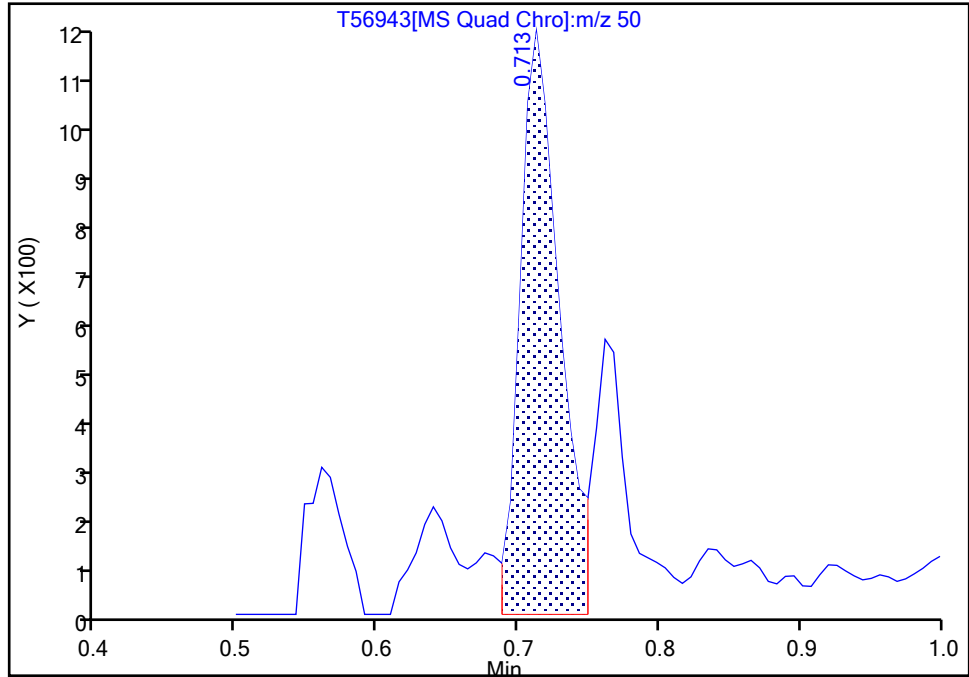
Detector: MS Quad

**6 Chloromethane, CAS: 74-87-3**

Signal: 1

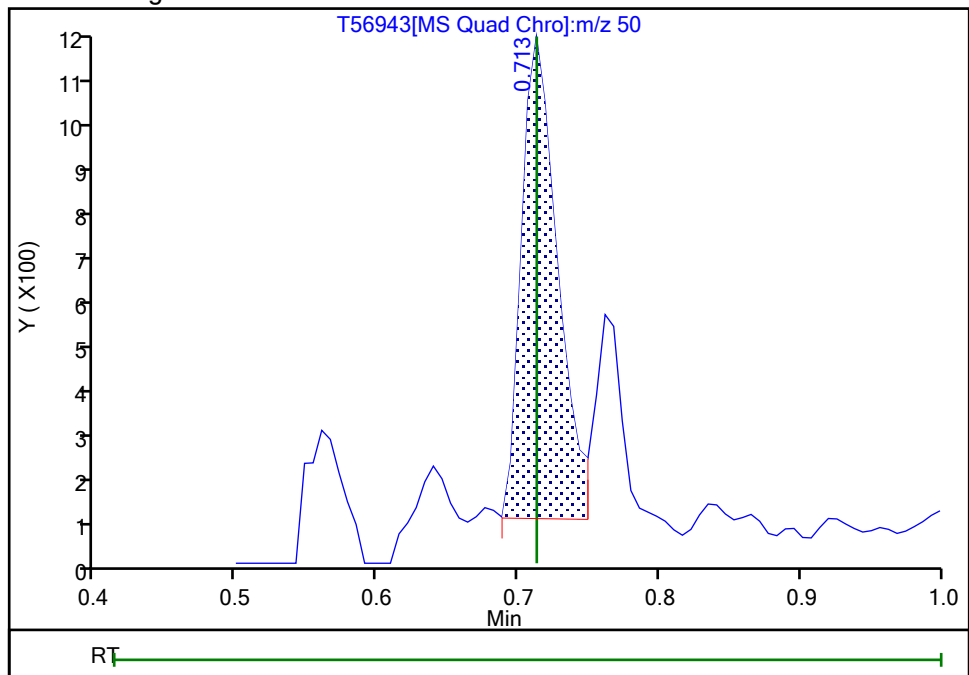
RT: 0.71  
Area: 2302  
Amount: 0.635037  
Amount Units: ug/l

## Processing Integration Results



RT: 0.71  
Area: 1905  
Amount: 0.539484  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:24:28

Audit Action: Manually Integrated

Audit Reason: Baseline



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

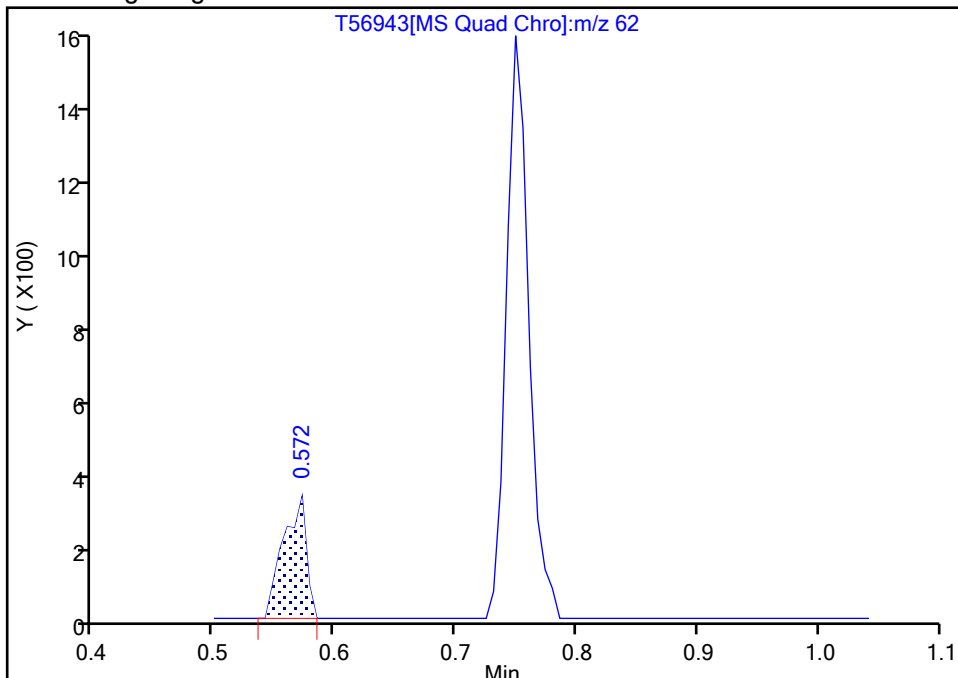
MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

Signal: 1

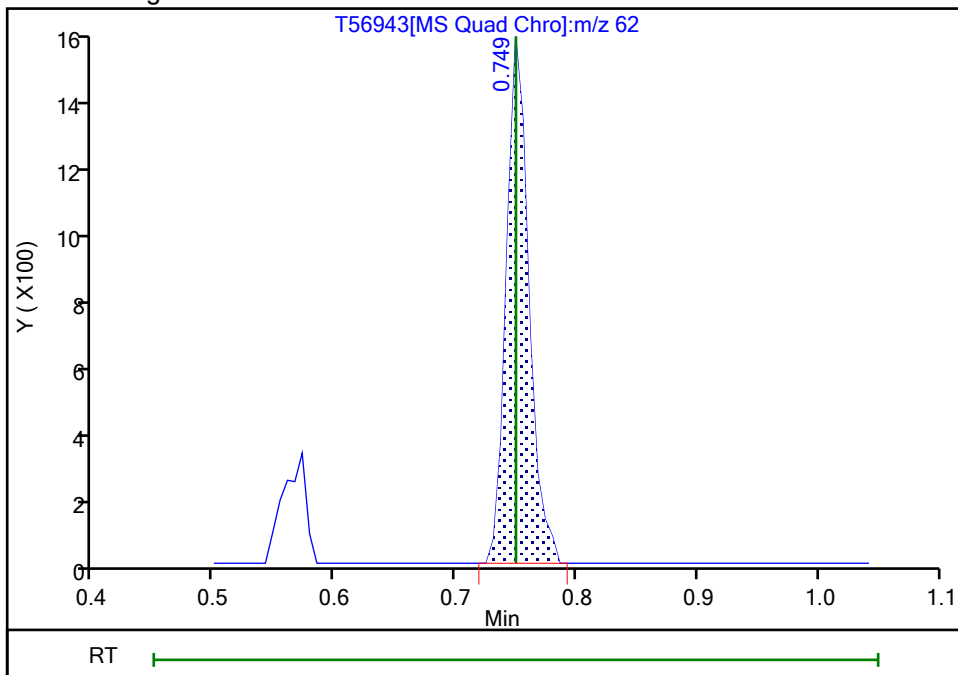
RT: 0.57  
Area: 429  
Amount: 0.127046  
Amount Units: ug/l

## Processing Integration Results



RT: 0.75  
Area: 2000  
Amount: 0.557849  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:52:11

Audit Action: Assigned Compound ID

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

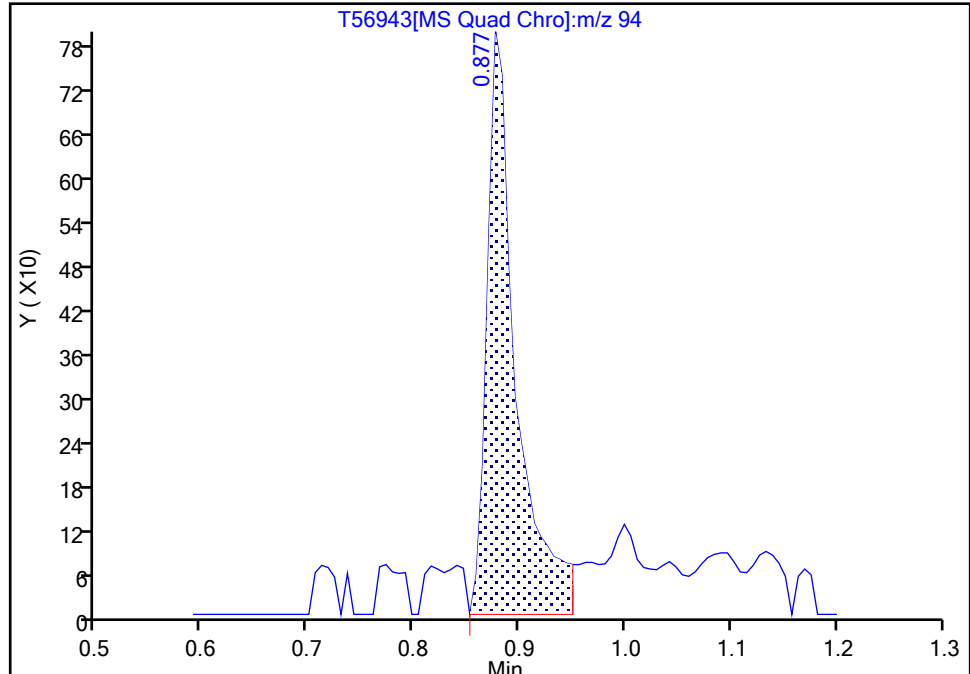
Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

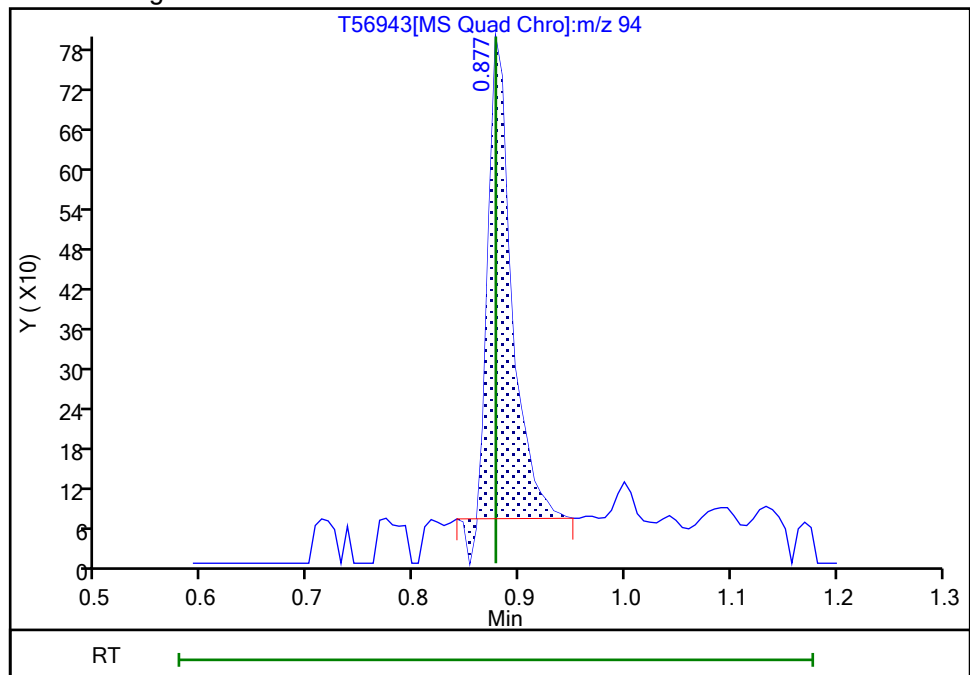
RT: 0.88  
Area: 1512  
Amount: 1.454538  
Amount Units: ug/l

## Processing Integration Results



RT: 0.88  
Area: 1091  
Amount: 0.936942  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 22-Oct-2021 14:09:58

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

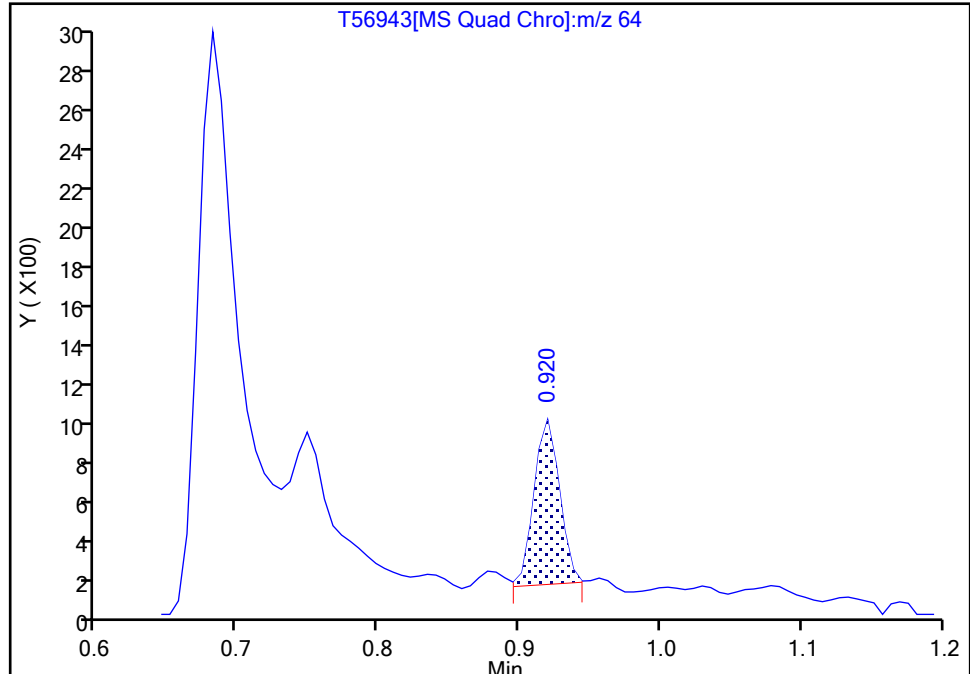
Detector: MS Quad

**10 Chloroethane, CAS: 75-00-3**

Signal: 1

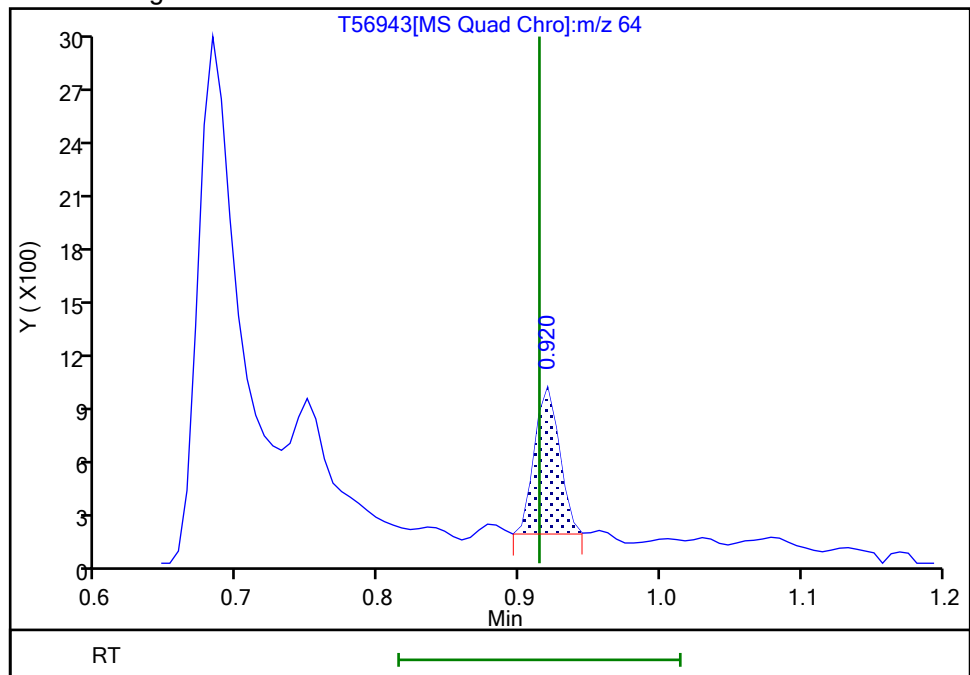
RT: 0.92  
Area: 1045  
Amount: 0.628556  
Amount Units: ug/l

## Processing Integration Results



RT: 0.92  
Area: 1005  
Amount: 0.583517  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:24:53

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

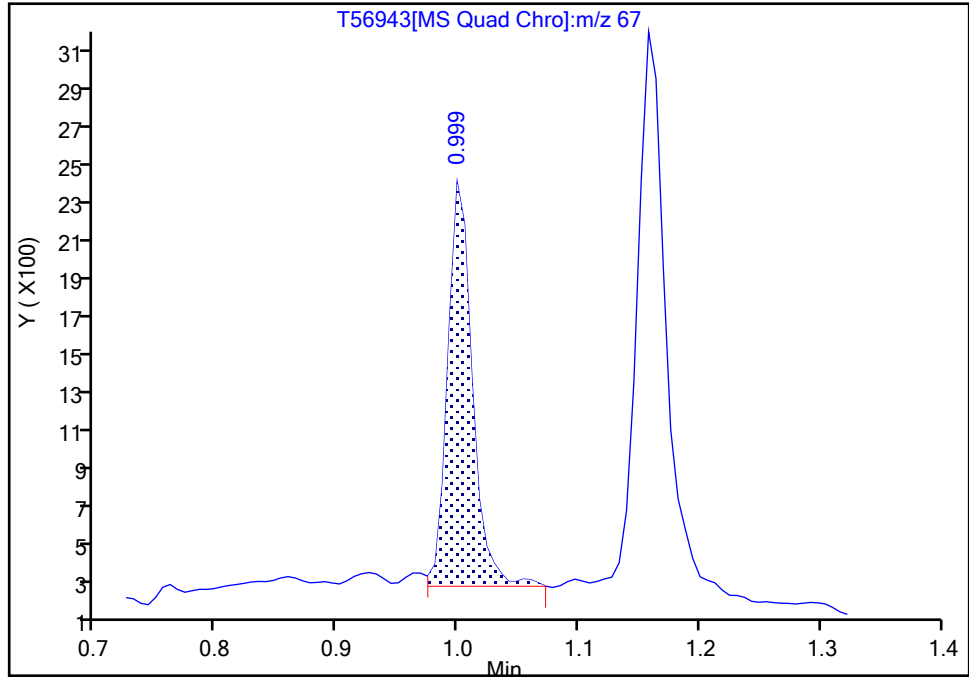
Detector: MS Quad

**11 Dichlorofluoromethane, CAS: 75-43-4**

Signal: 1

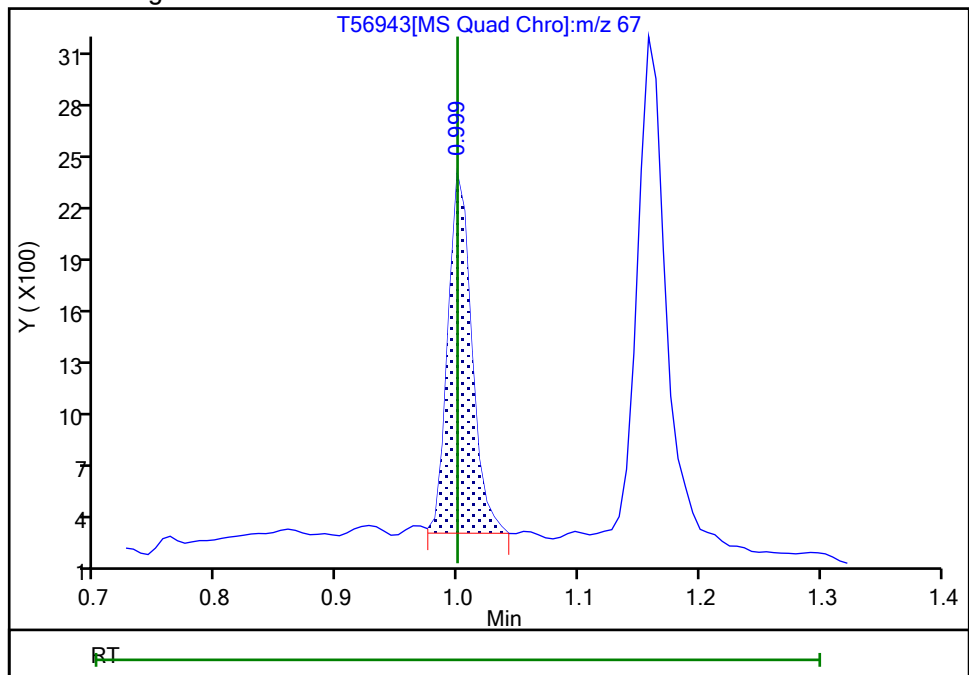
RT: 1.00  
Area: 2984  
Amount: 0.582231  
Amount Units: ug/l

## Processing Integration Results



RT: 1.00  
Area: 2826  
Amount: 0.579114  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:25:03

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

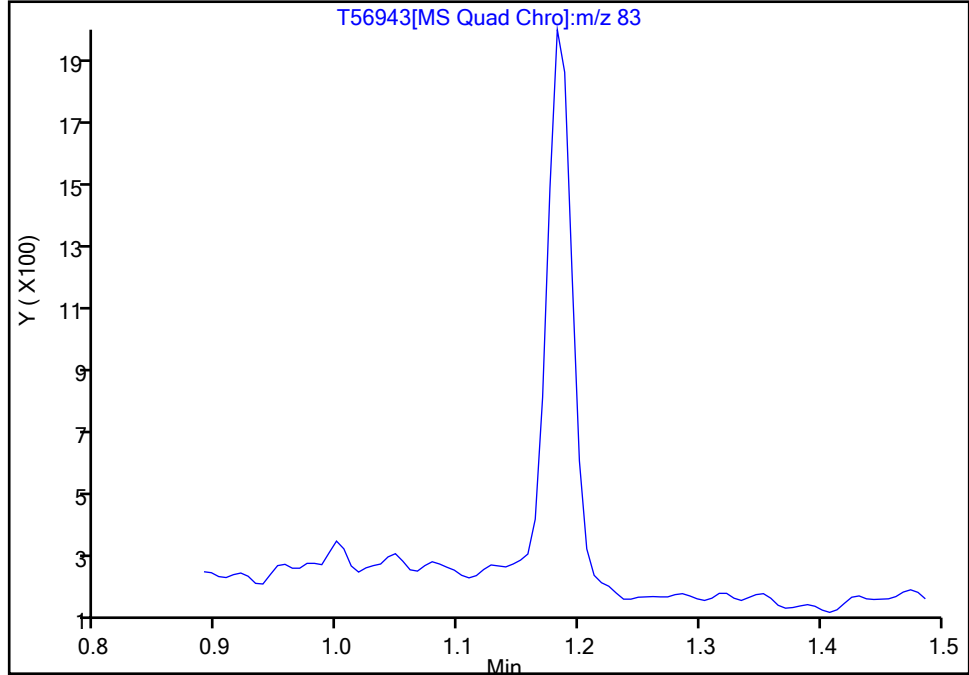
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

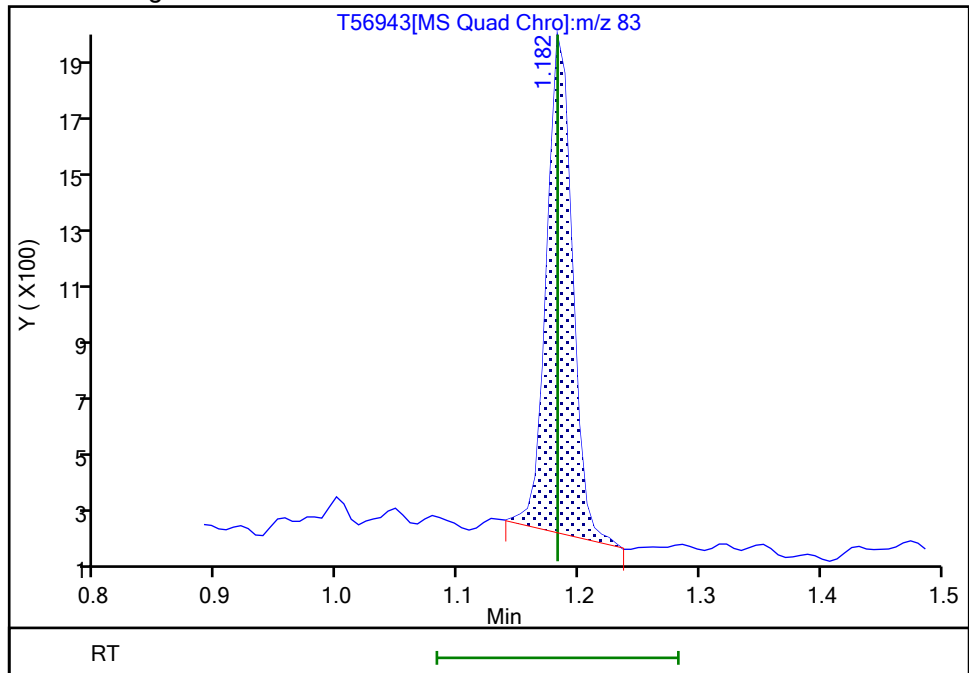
Not Detected

Expected RT: 1.18

## Processing Integration Results



## Manual Integration Results



RT: 1.18

Area: 2535

Amount: 0.568758

Amount Units: ug/l

Reviewer: baronm, 22-Oct-2021 13:51:55

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

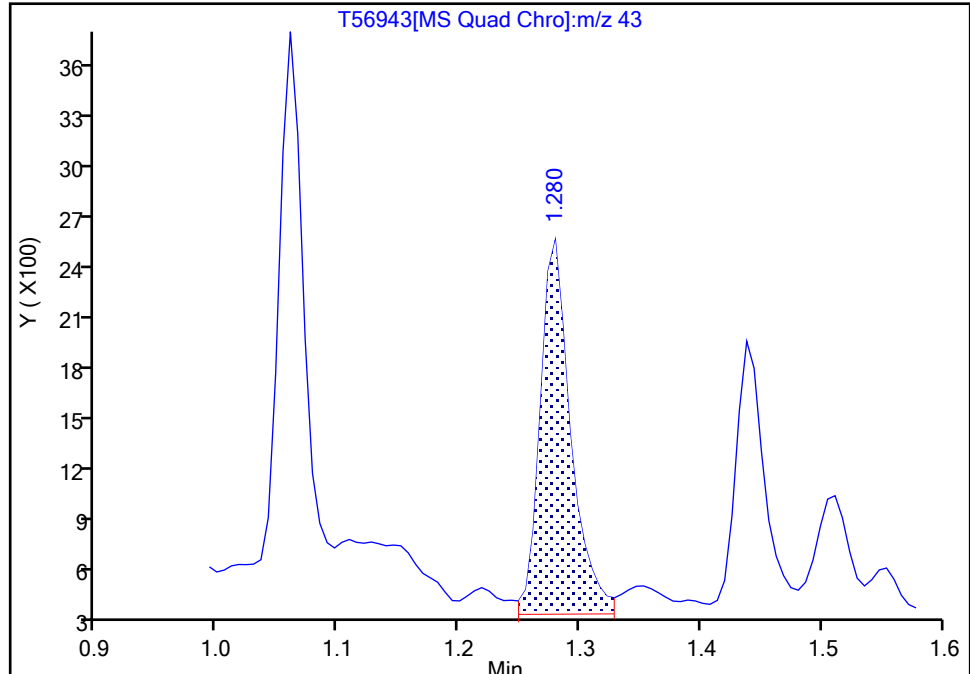
Detector: MS Quad

**22 Acetone, CAS: 67-64-1**

Signal: 1

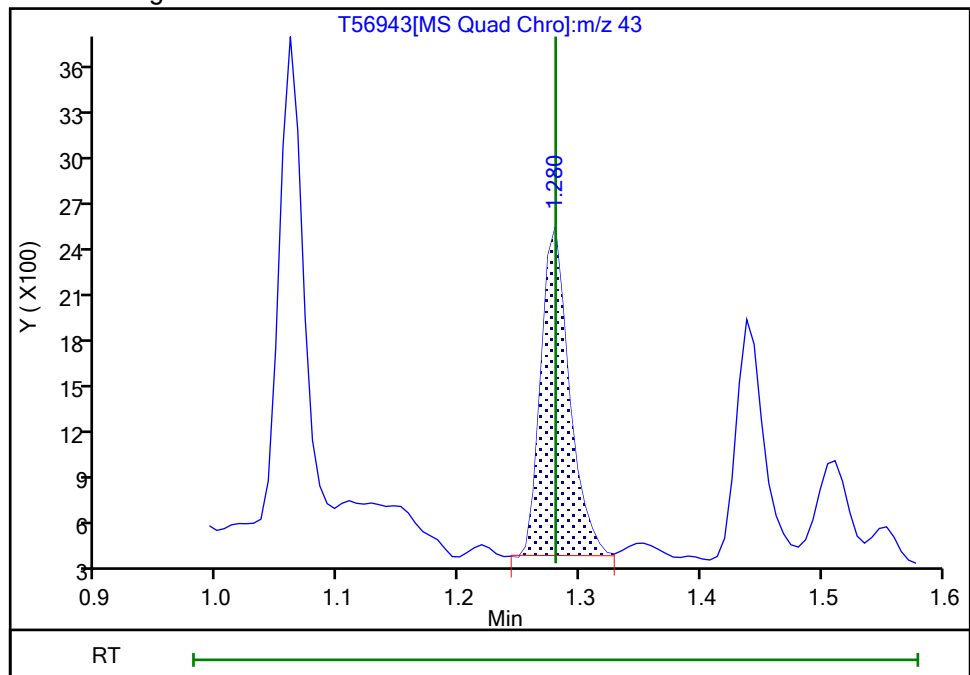
RT: 1.28  
Area: 3884  
Amount: 4.663021  
Amount Units: ug/l

## Processing Integration Results



RT: 1.28  
Area: 3442  
Amount: 3.585365  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:25:30

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

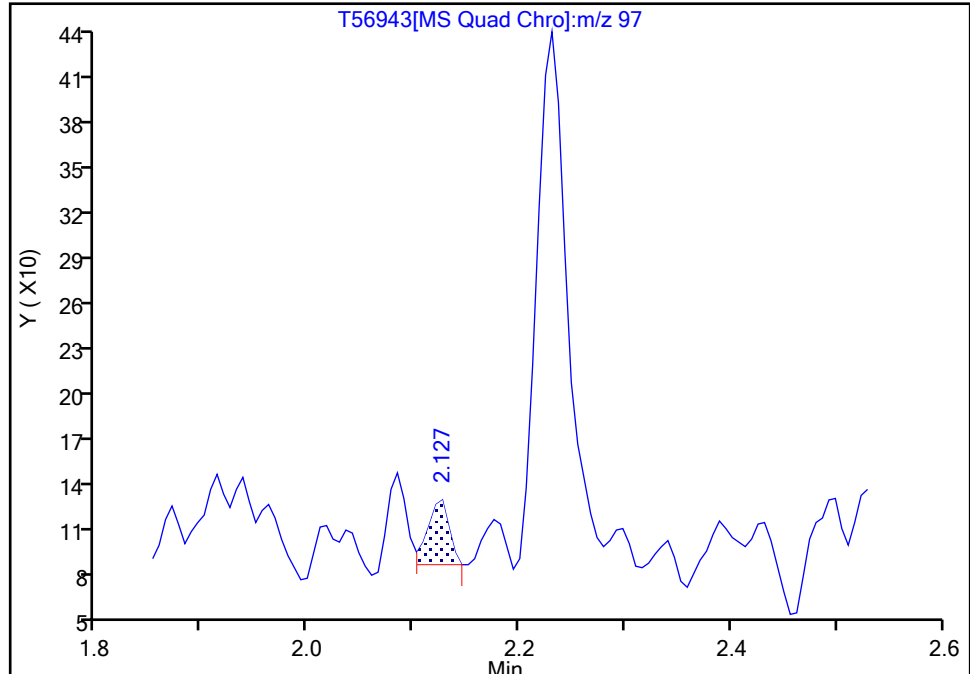
MS Quad

**44 2,2-Dichloropropane, CAS: 594-20-7**

Signal: 1

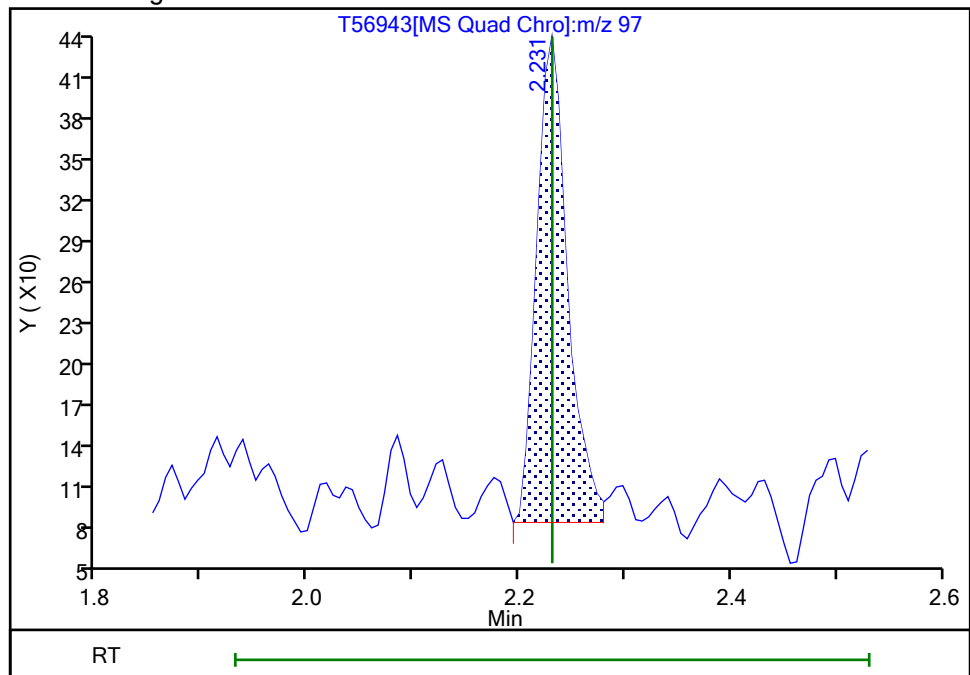
RT: 2.13  
Area: 61  
Amount: 0.047262  
Amount Units: ug/l

## Processing Integration Results



RT: 2.23  
Area: 725  
Amount: 0.616340  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:52:29

Audit Action: Assigned Compound ID

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

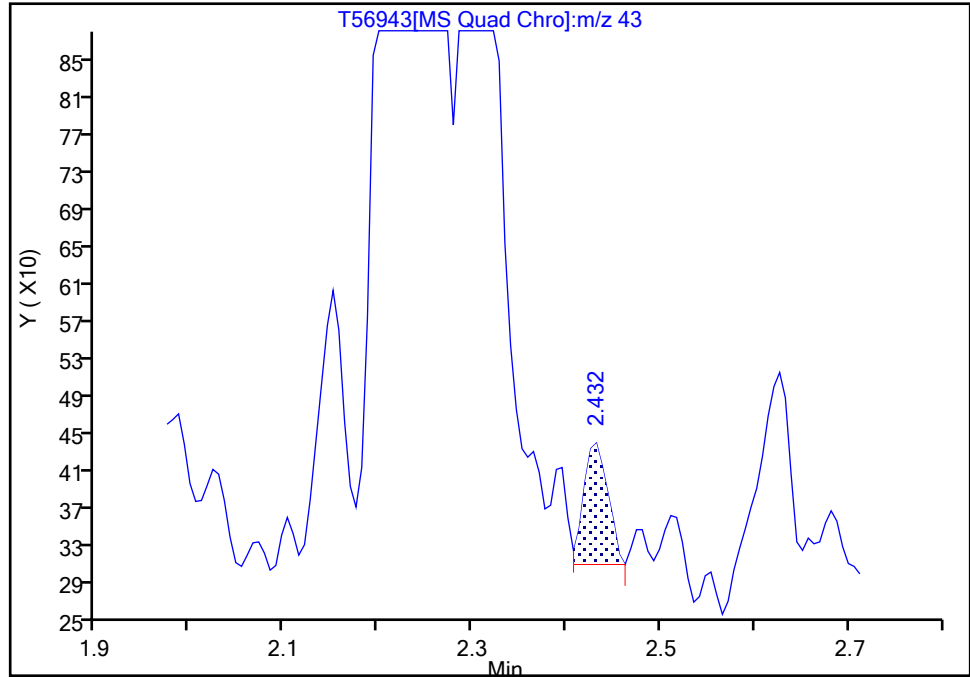
Detector: MS Quad

**45 2-Butanone (MEK), CAS: 78-93-3**

Signal: 1

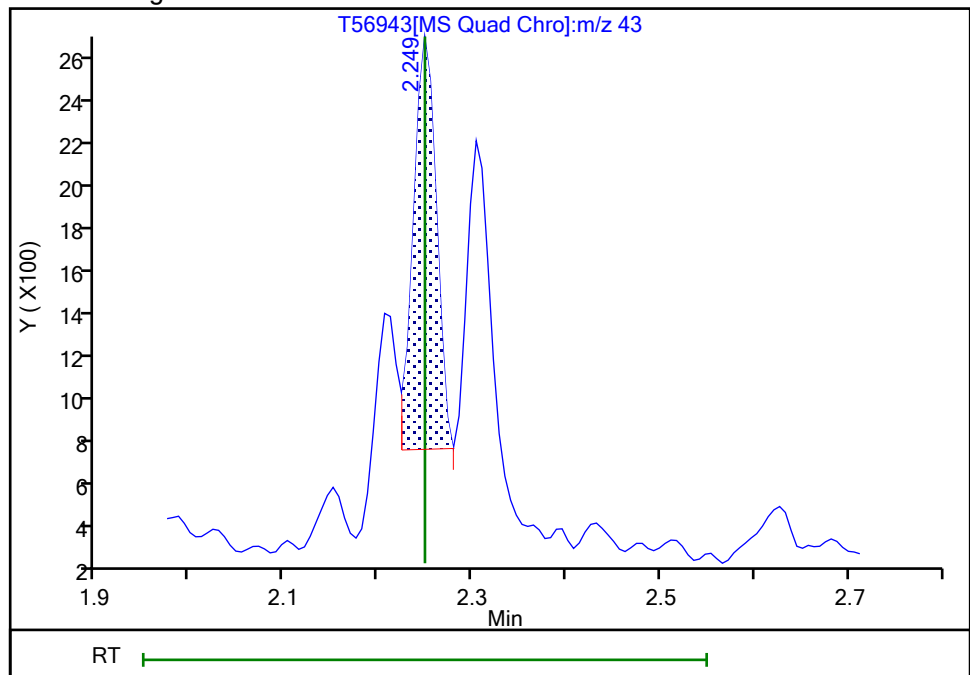
RT: 2.43  
Area: 231  
Amount: 0.218658  
Amount Units: ug/l

## Processing Integration Results



RT: 2.25  
Area: 3182  
Amount: 2.581241  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:52:35

Audit Action: Assigned Compound ID

Audit Reason: Baseline



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

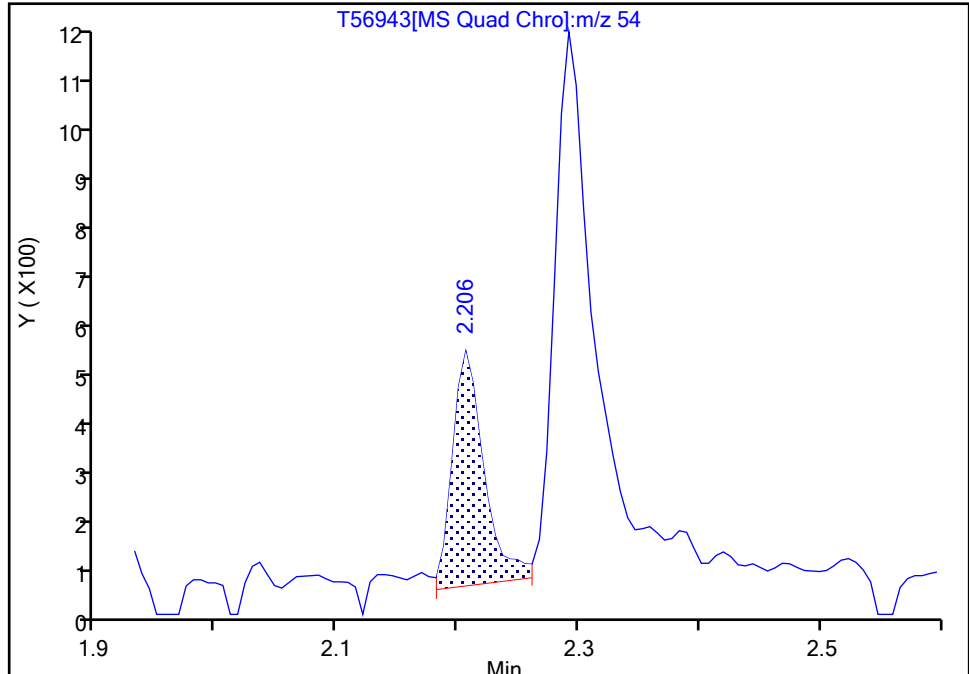
Detector: MS Quad

**46 Propionitrile, CAS: 107-12-0**

Signal: 1

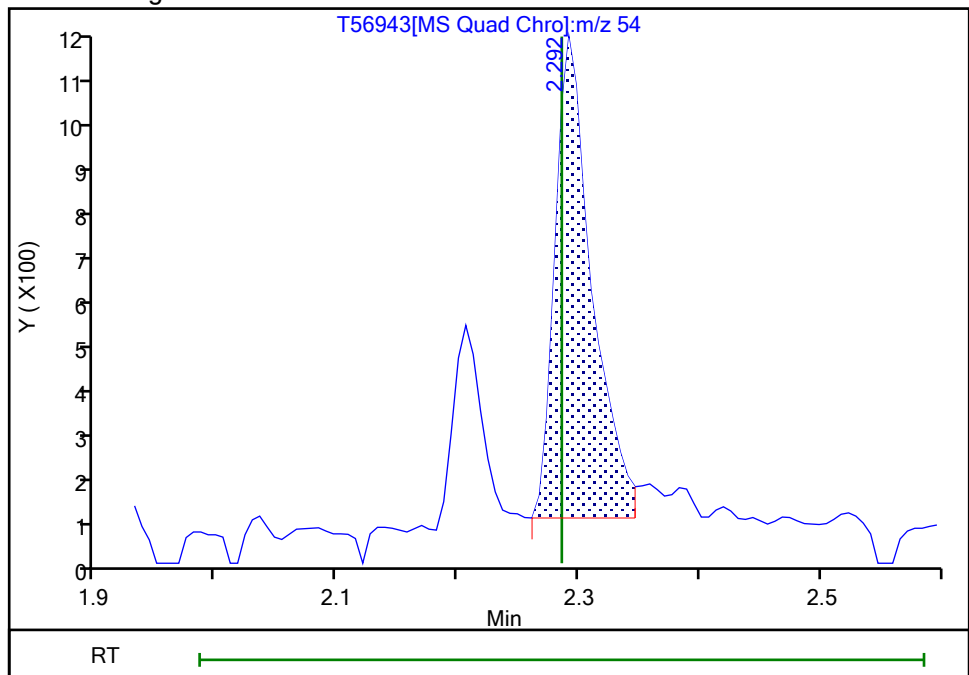
RT: 2.21  
Area: 831  
Amount: 1.924346  
Amount Units: ug/l

## Processing Integration Results



RT: 2.29  
Area: 2191  
Amount: 5.290340  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:52:39

Audit Action: Assigned Compound ID

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

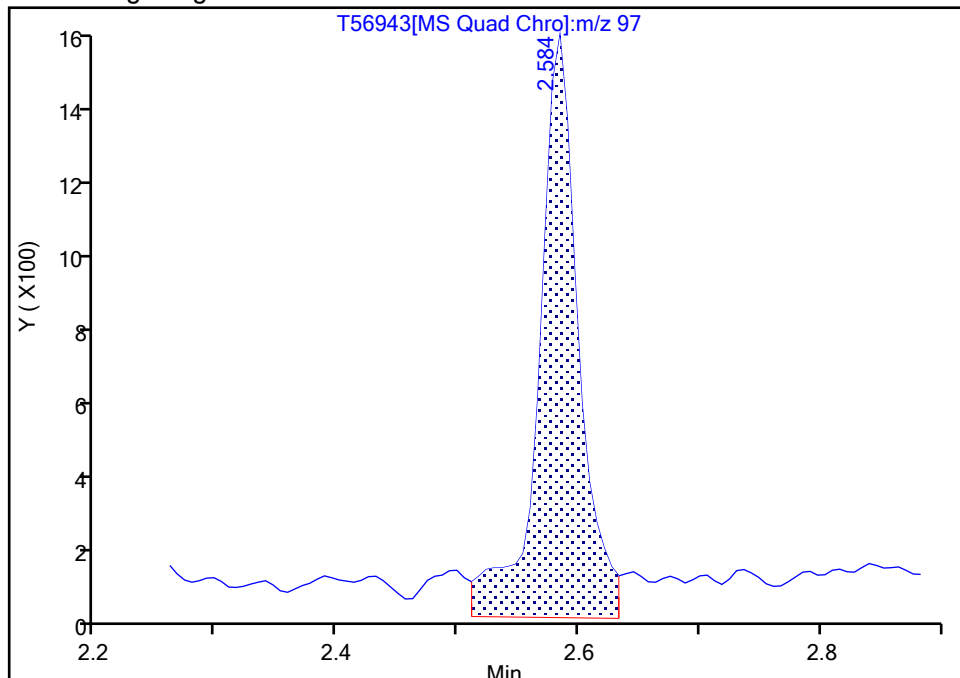
MS Quad

## 54 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

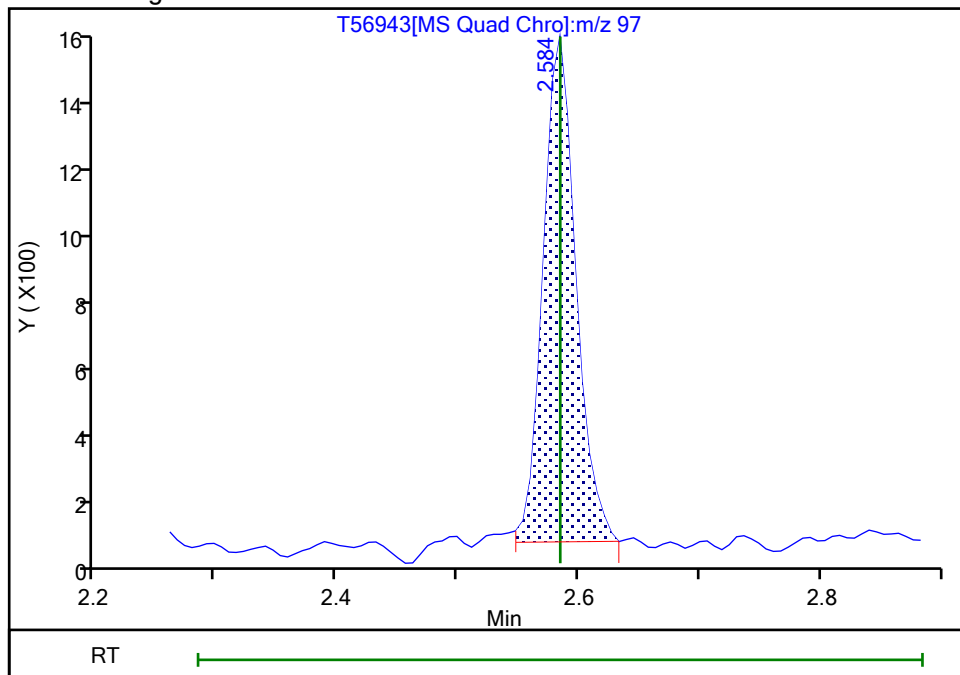
RT: 2.58  
Area: 3604  
Amount: 0.682338  
Amount Units: ug/l

## Processing Integration Results



RT: 2.58  
Area: 2726  
Amount: 0.555336  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:52:56

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

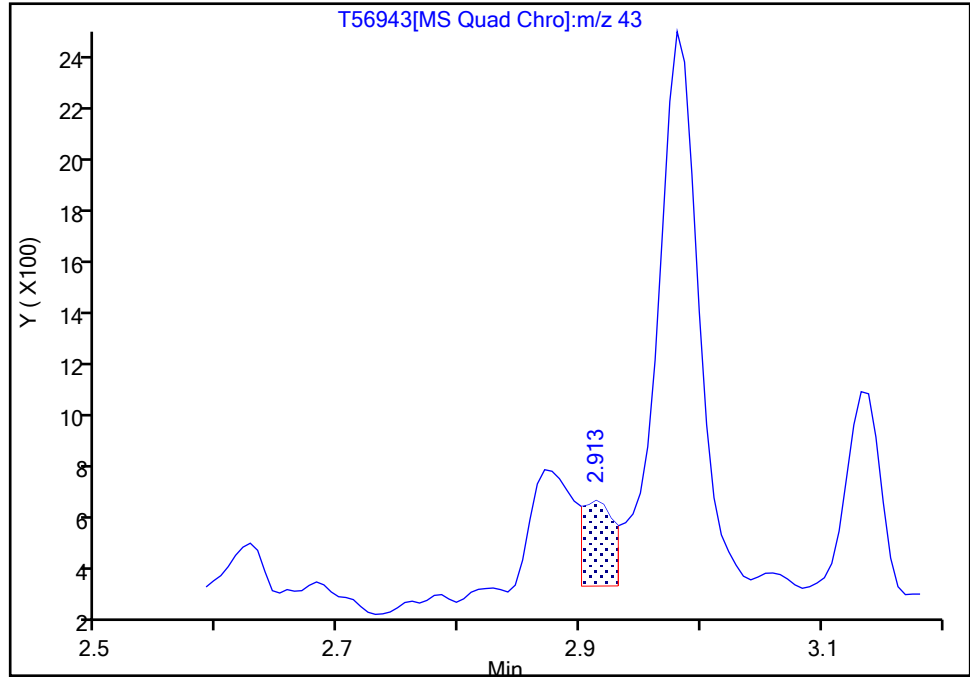
Detector: MS Quad

**59 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

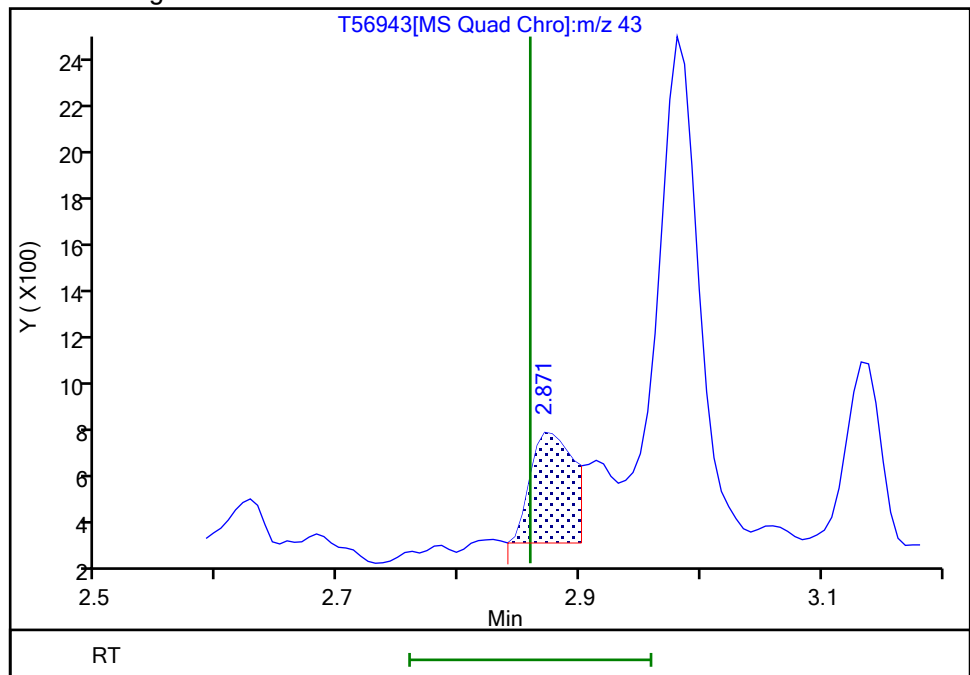
RT: 2.91  
Area: 632  
Amount: 5.940466  
Amount Units: ug/l

## Processing Integration Results



RT: 2.87  
Area: 1185  
Amount: 11.342563  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:53:02

Audit Action: Assigned Compound ID

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

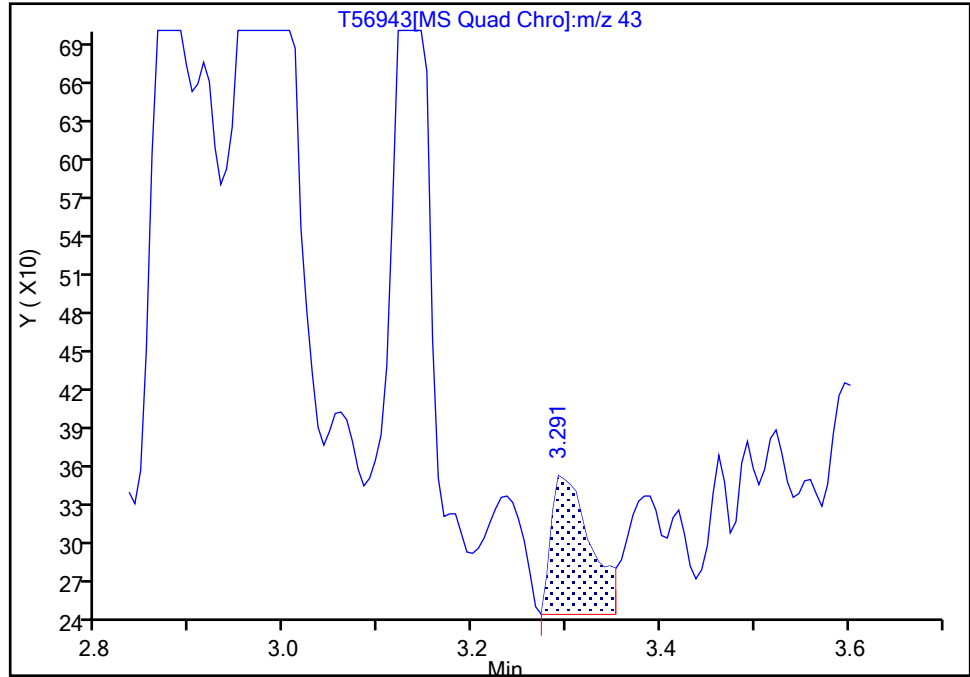
Detector: MS Quad

**66 n-Heptane, CAS: 142-82-5**

Signal: 1

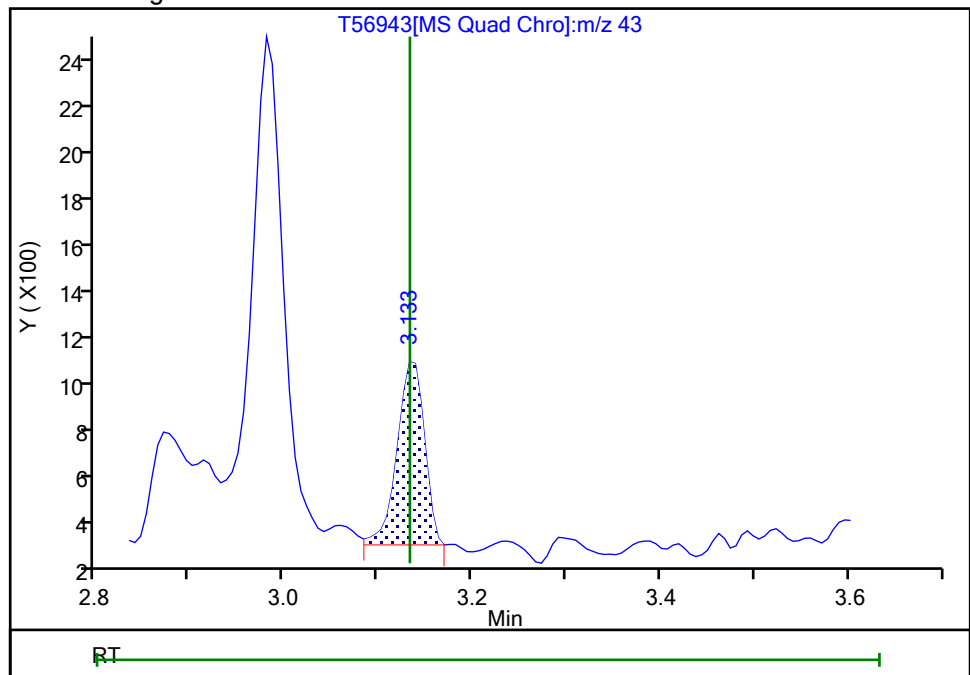
RT: 3.29  
Area: 316  
Amount: 0.128053  
Amount Units: ug/l

## Processing Integration Results



RT: 3.13  
Area: 1557  
Amount: 0.636136  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:53:11

Audit Action: Assigned Compound ID

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

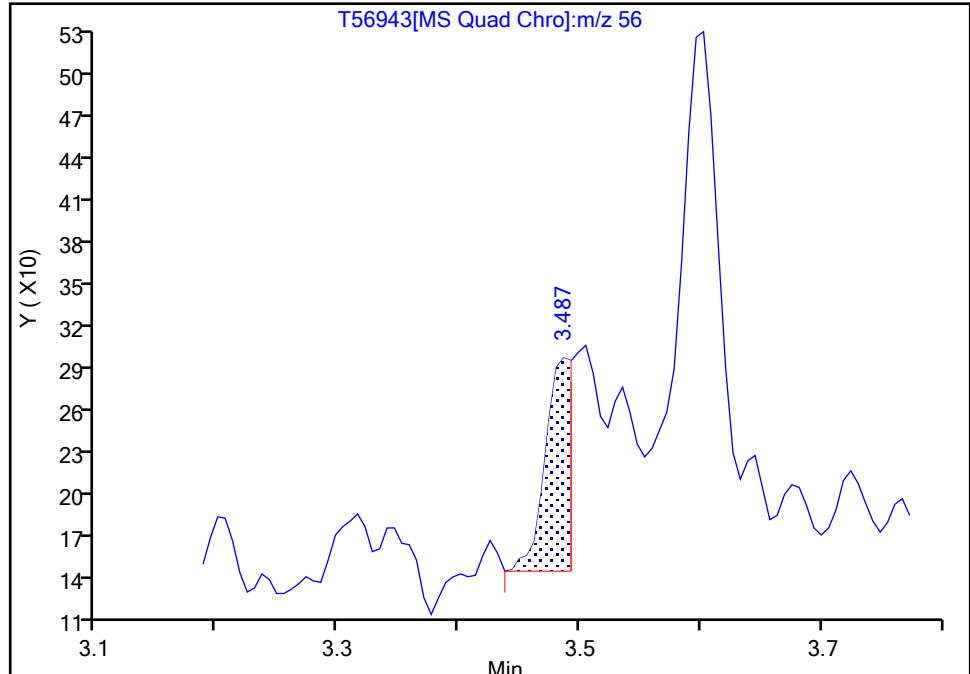
Detector: MS Quad

**68 n-Butanol, CAS: 71-36-3**

Signal: 1

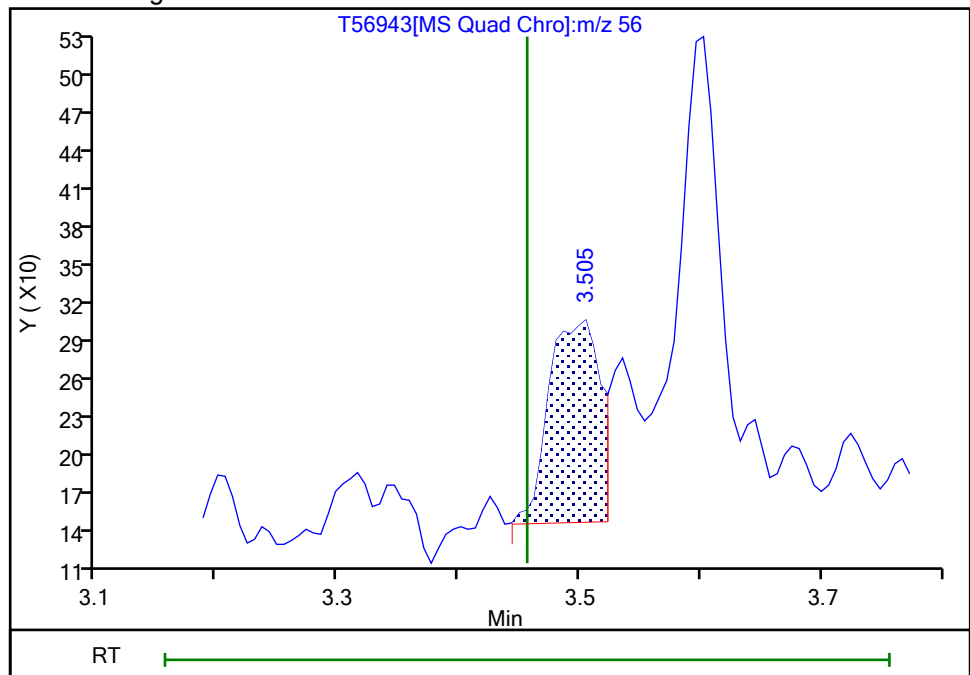
RT: 3.49  
Area: 241  
Amount: 2.539836  
Amount Units: ug/l

## Processing Integration Results



RT: 3.50  
Area: 483  
Amount: 5.090458  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 22-Oct-2021 13:52:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56943.D

Injection Date: 22-Oct-2021 08:11:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

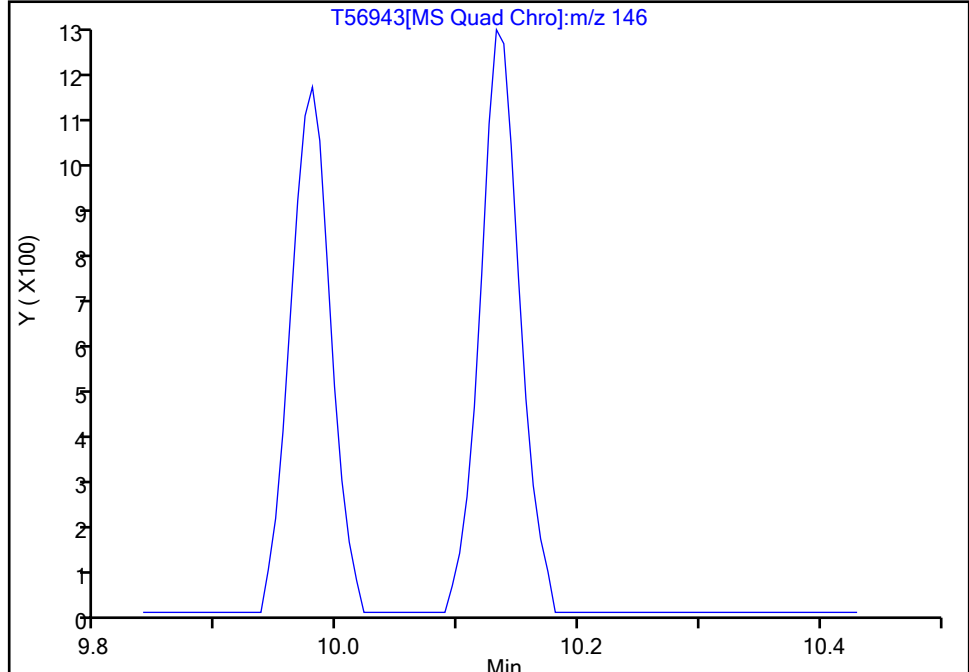
**121 1,4-Dichlorobenzene, CAS: 106-46-7**

Signal: 1

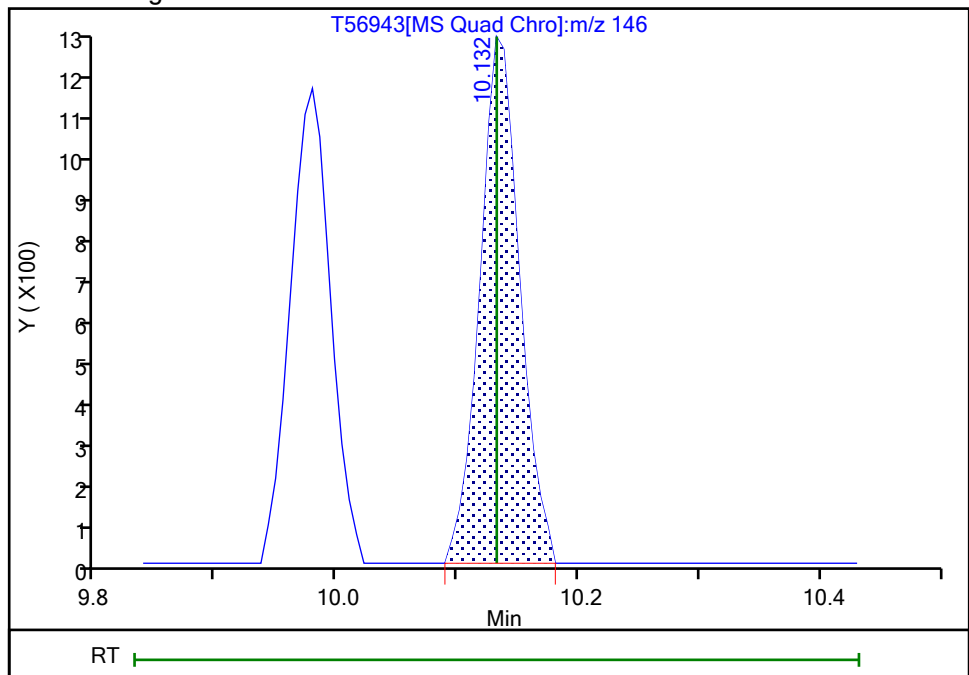
Not Detected

Expected RT: 10.13

## Processing Integration Results



## Manual Integration Results



RT: 10.13

Area: 2951

Amount: 0.608708

Amount Units: ug/l

Reviewer: desais, 22-Oct-2021 09:53:29

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D  
 Lims ID: STD1  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 22-Oct-2021 08:32:41 ALS Bottle#: 0 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD1  
 Misc. Info.: 460-0136419-004  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:20 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 09:45:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	0.627	0.621	0.006	52	990	1.00	0.9707	
2 1,1-Difluoroethane	65	0.633	0.628	0.005	74	1365	1.00	0.9147	M
4 Dichlorodifluoromethane	85	0.639	0.640	-0.001	77	2893	1.00	0.8951	
5 Chlorodifluoromethane	67	0.652	0.646	0.006	68	828	1.00	1.37	
6 Chloromethane	50	0.713	0.713	0.000	71	3467	1.00	0.9863	
7 Vinyl chloride	62	0.749	0.749	0.000	70	3529	1.00	0.9888	
8 Butadiene	54	0.767	0.762	0.005	94	3210	1.00	1.00	
9 Bromomethane	94	0.877	0.877	0.000	76	1346	1.00	1.09	M
10 Chloroethane	64	0.920	0.914	0.006	86	2011	1.00	1.10	
11 Dichlorofluoromethane	67	0.999	0.999	0.000	83	4628	1.00	0.9527	
12 Trichlorofluoromethane	101	1.023	1.024	-0.001	81	4027	1.00	1.02	
13 Pentane	72	1.060	1.060	0.000	92	976	2.00	2.37	
14 Ethanol	46	1.109	1.115	-0.006	56	724	40.0	41.1	
15 Ethyl ether	59	1.152	1.152	0.000	52	2597	1.00	1.07	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.158	1.158	0.000	75	2980	1.00	1.12	
17 2-Methyl-1,3-butadiene	53	1.164	1.158	0.006	85	2715	1.00	1.08	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.182	1.182	0.000	82	4311	1.00	0.9717	M
19 Acrolein	56	1.206	1.207	-0.001	91	2615	4.06	4.42	
20 1,1-Dichloroethene	96	1.255	1.249	0.006	87	2559	1.00	0.9297	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.255	1.255	0.000	59	2609	1.00	0.9894	
22 Acetone	43	1.280	1.280	0.000	85	5116	5.00	5.01	M
23 Iodomethane	142	1.322	1.323	-0.001	87	2089	1.00	0.8561	
24 Carbon disulfide	76	1.353	1.353	0.000	99	9298	1.00	1.00	
25 Isopropyl alcohol	45	1.353	1.353	0.000	37	2722	10.0	11.4	
26 Acetonitrile	40	1.420	1.414	0.006	84	2114	10.0	9.58	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	92	1841	1.00	0.9326	
28 Methyl acetate	43	1.438	1.438	0.000	97	3821	2.00	1.85	
29 Cyclopentene	67	1.469	1.463	0.006	96	7524	1.00	1.04	
30 Methylene Chloride	84	1.487	1.487	0.000	33	3499	1.00	1.07	
* 31 TBA-d9 (IS)	66	1.511	1.512	-0.001	98	56928	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	1.554	1.554	0.000	40	4326	10.0	11.2	
33 Acrylonitrile	53	1.615	1.615	0.000	95	11721	10.0	10.1	
34 trans-1,2-Dichloroethene	96	1.633	1.627	0.006	70	3102	1.00	0.9773	
35 Methyl tert-butyl ether	73	1.633	1.633	0.000	94	8387	1.00	0.9714	
36 Hexane	57	1.792	1.792	0.000	91	3188	1.00	0.9785	
37 1,1-Dichloroethane	63	1.865	1.865	0.000	83	5256	1.00	0.9343	
38 Vinyl acetate	86	1.907	1.908	-0.001	99	1164	2.00	1.63	
39 2-Chloro-1,3-butadiene	88	1.926	1.920	0.006	67	2970	1.00	1.00	
40 Isopropyl ether	45	1.926	1.920	0.006	76	8798	1.00	0.9884	
41 Tert-butyl ethyl ether	59	2.151	2.152	-0.001	90	8516	1.00	0.9432	
* 42 2-Butanone-d5	46	2.206	2.207	0.000	78	385783	250.0	250.0	
44 2,2-Dichloropropane	97	2.231	2.231	0.000	47	1320	1.00	1.13	a
43 cis-1,2-Dichloroethene	96	2.231	2.231	0.000	25	3271	1.00	0.9458	
45 2-Butanone (MEK)	43	2.249	2.249	0.000	49	4949	5.00	3.78	
46 Propionitrile	54	2.292	2.286	0.006	72	4396	10.0	9.74	a
47 Ethyl acetate	70	2.304	2.304	0.000	94	661	2.00	1.64	
48 Methyl acrylate	55	2.322	2.322	0.000	76	3528	1.00	1.04	
50 Methacrylonitrile	67	2.389	2.389	0.000	89	13010	10.0	9.83	
49 Chlorobromomethane	128	2.395	2.396	-0.001	44	1331	1.00	0.9497	
51 Tetrahydrofuran	72	2.438	2.432	0.006	61	921	2.00	1.85	
52 Chloroform	83	2.462	2.456	0.006	86	5205	1.00	0.9373	
\$ 53 Dibromofluoromethane (Surr)	113	2.572	2.572	0.000	95	148661	50.0	50.3	
54 1,1,1-Trichloroethane	97	2.584	2.584	0.000	27	4944	1.00	1.01	
55 Cyclohexane	84	2.627	2.621	0.006	86	3777	1.00	0.9125	
56 Carbon tetrachloride	117	2.706	2.706	0.000	85	4184	1.00	1.02	
57 1,1-Dichloropropene	75	2.712	2.713	-0.001	87	4463	1.00	0.9847	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.822	2.822	0.000	92	178050	50.0	51.7	
59 Isobutyl alcohol	43	2.871	2.859	0.012	40	2937	25.0	25.8	a
60 Benzene	78	2.871	2.865	0.006	95	12228	1.00	0.9887	
61 1,2-Dichloroethane	62	2.883	2.883	0.000	69	4276	1.00	1.04	
62 Isooctane	57	2.962	2.956	0.006	82	5769	1.00	1.01	a
63 Isopropyl acetate	61	2.980	2.981	-0.001	90	1242	1.00	1.01	
64 Tert-amyl methyl ether	73	2.987	2.987	0.000	74	8467	1.00	0.9510	
* 65 Fluorobenzene	96	3.108	3.109	-0.001	98	582823	50.0	50.0	
66 n-Heptane	43	3.133	3.133	0.000	38	2255	1.00	0.9255	a
67 Trichloroethene	95	3.432	3.432	0.000	83	3711	1.00	1.07	
68 n-Butanol	56	3.499	3.456	0.043	65	954	25.0	9.23	
69 Ethyl acrylate	55	3.596	3.590	0.006	89	6660	1.00	0.9718	
70 Methylcyclohexane	83	3.602	3.603	-0.001	81	3790	1.00	0.9635	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	78	3084	1.00	0.9607	
72 Dibromomethane	93	3.742	3.737	0.005	22	1925	1.00	0.9536	
* 73 1,4-Dioxane-d8	96	3.742	3.743	-0.001	30	42531	1000.0	1000.0	
74 1,4-Dioxane	88	3.803	3.798	0.005	30	2361	50.0	50.1	
75 Methyl methacrylate	100	3.810	3.810	0.000	85	1616	2.00	1.86	
76 n-Propyl acetate	43	3.895	3.889	0.006	92	3913	1.00	0.9410	
77 Dichlorobromomethane	83	3.919	3.920	-0.001	89	4069	1.00	0.9688	
78 2-Nitropropane	41	4.163	4.163	0.000	92	1683	2.00	2.04	
79 2-Chloroethyl vinyl ether	106	4.291	4.285	0.006	73	468	1.00	0.8626	
80 Epichlorohydrin	57	4.322	4.316	0.006	86	5138	20.0	17.6	
81 cis-1,3-Dichloropropene	75	4.407	4.401	0.006	71	5056	1.00	0.9889	
82 4-Methyl-2-pentanone (MIBK)	43	4.614	4.615	-0.001	95	13135	5.00	4.43	
\$ 83 Toluene-d8 (Surr)	98	4.687	4.688	-0.001	99	552678	50.0	50.9	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	4.767	4.761	0.006	91	13027	1.00	1.00	
85 trans-1,3-Dichloropropene	75	5.072	5.066	0.006	82	4441	1.00	0.9391	
86 Ethyl methacrylate	69	5.254	5.255	-0.001	82	3636	1.00	0.9368	
87 1,1,2-Trichloroethane	83	5.273	5.273	0.000	84	2309	1.00	0.9871	
88 Tetrachloroethene	166	5.413	5.413	0.000	80	2638	1.00	0.9708	
89 1,3-Dichloropropane	76	5.468	5.468	0.000	84	4761	1.00	1.00	
90 2-Hexanone	43	5.657	5.651	0.006	92	10082	5.00	4.67	
91 Chlorodibromomethane	129	5.736	5.736	0.000	75	2676	1.00	0.9084	
92 Ethylene Dibromide	107	5.840	5.840	0.000	76	2836	1.00	0.9700	
93 n-Butyl acetate	43	5.888	5.883	0.005	90	4395	1.00	1.00	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	403050	50.0	50.0	
95 Chlorobenzene	112	6.535	6.535	0.000	54	7679	1.00	0.99	
96 1,1,1,2-Tetrachloroethane	131	6.681	6.681	0.000	76	2655	1.00	0.9636	
97 Ethylbenzene	106	6.742	6.742	0.000	97	3922	1.00	0.9607	
98 m-Xylene & p-Xylene	106	6.925	6.925	0.000	99	4835	1.00	0.9554	
99 o-Xylene	106	7.486	7.486	0.000	91	4833	1.00	1.01	
100 Styrene	104	7.516	7.517	-0.001	89	7640	1.00	0.9261	
101 n-Butyl acrylate	73	7.620	7.614	0.006	87	2344	1.00	0.99	
102 Bromoform	173	7.723	7.718	0.005	54	1785	1.00	0.9650	
103 Amyl acetate (mixed isomers)	43	8.004	8.004	0.000	90	4810	1.00	0.9778	
104 Isopropylbenzene	105	8.083	8.077	0.006	94	11577	1.00	0.9768	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	82	141841	50.0	49.8	
106 Bromobenzene	156	8.431	8.431	0.000	88	2714	1.00	0.9713	
107 1,1,2,2-Tetrachloroethane	83	8.595	8.596	-0.001	72	3850	1.00	1.00	
108 1,2,3-Trichloropropane	110	8.595	8.596	-0.001	74	1108	1.00	1.01	
109 trans-1,4-Dichloro-2-butene	53	8.693	8.687	0.006	55	966	1.00	0.9012	
110 N-Propylbenzene	91	8.729	8.730	-0.001	96	13800	1.00	0.9633	
111 2-Chlorotoluene	91	8.778	8.778	0.000	89	8374	1.00	0.9769	
112 4-Ethyltoluene	105	8.924	8.925	-0.001	92	10721	1.00	0.9853	
113 4-Chlorotoluene	91	8.967	8.967	0.000	94	9633	1.00	0.9728	
114 1,3,5-Trimethylbenzene	105	9.040	9.041	-0.001	84	8999	1.00	1.00	
115 Butyl Methacrylate	87	9.363	9.358	0.005	83	3365	1.00	0.8942	
116 tert-Butylbenzene	119	9.540	9.541	-0.001	84	7193	1.00	1.00	
117 1,2,4-Trimethylbenzene	105	9.619	9.620	-0.001	88	8891	1.00	0.9715	
118 sec-Butylbenzene	105	9.900	9.900	0.000	92	9949	1.00	0.9521	
119 1,3-Dichlorobenzene	146	9.979	9.973	0.006	88	4455	1.00	0.9582	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	97	183052	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.138	10.132	0.006	55	4476	1.00	0.9237	
122 4-Isopropyltoluene	119	10.186	10.187	-0.001	89	8148	1.00	0.9790	
123 1,2,3-Trimethylbenzene	105	10.278	10.278	0.000	92	9102	1.00	0.9870	
124 Benzyl chloride	91	10.406	10.400	0.006	93	7006	1.00	0.9593	
125 2,3-Dihydroindene	117	10.552	10.553	-0.001	87	8674	1.00	0.99	
126 1,2-Dichlorobenzene	146	10.717	10.717	0.000	87	4090	1.00	0.9177	
127 p-Diethylbenzene	119	10.833	10.833	0.000	75	4069	1.00	0.9646	
128 n-Butylbenzene	92	10.869	10.863	0.006	91	3986	1.00	0.9211	
129 1,2-Dibromo-3-Chloropropane	157	11.887	11.888	-0.001	51	759	1.00	1.00	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	88	6875	1.00	0.9655	
131 1,3,5-Trichlorobenzene	180	12.137	12.138	-0.001	79	2327	1.00	0.9645	
132 1,2,4-Trichlorobenzene	180	12.777	12.778	-0.001	73	1957	1.00	0.8960	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	26	807	1.00	0.9797	
134 Naphthalene	128	12.985	12.985	0.000	95	7883	1.00	1.07	
135 1,2,3-Trichlorobenzene	180	13.210	13.211	-0.001	75	1760	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.92	
S 137 Xylenes, Total	100				0		2.00	1.96	
S 140 Total BTEX	1				0		5.00	4.91	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.93	
S 138 Total 1,2-dichloroethene	1				0			1.92	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00145	Amount Added: 10.00	Units: uL	
ACROLEIN W_00132	Amount Added: 4.00	Units: uL	
GASES Li_00444	Amount Added: 10.00	Units: uL	
524freon_00044	Amount Added: 10.00	Units: uL	
14DIOXINTER_00134	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

4

Purge Vol: 5.000 mL

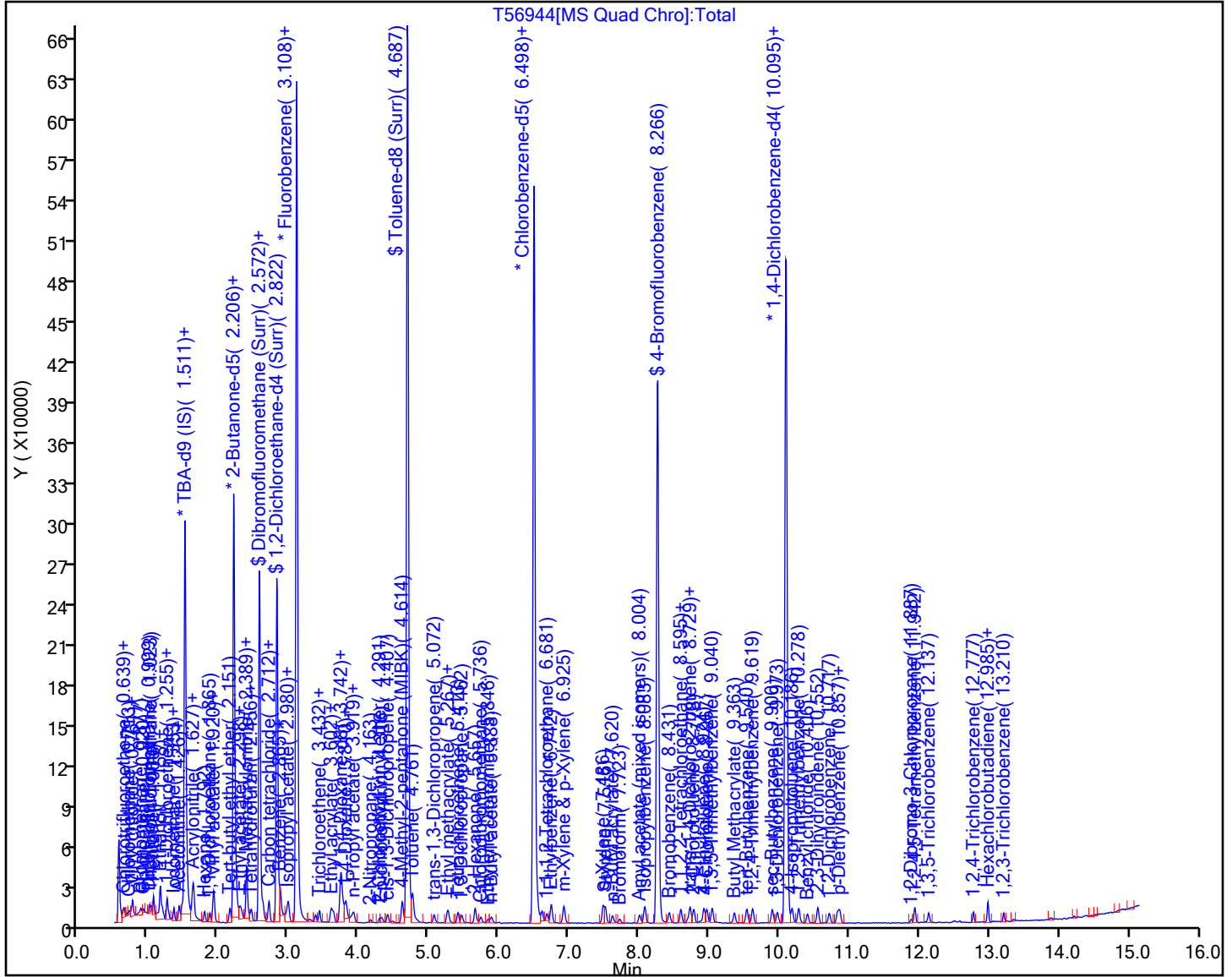
Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

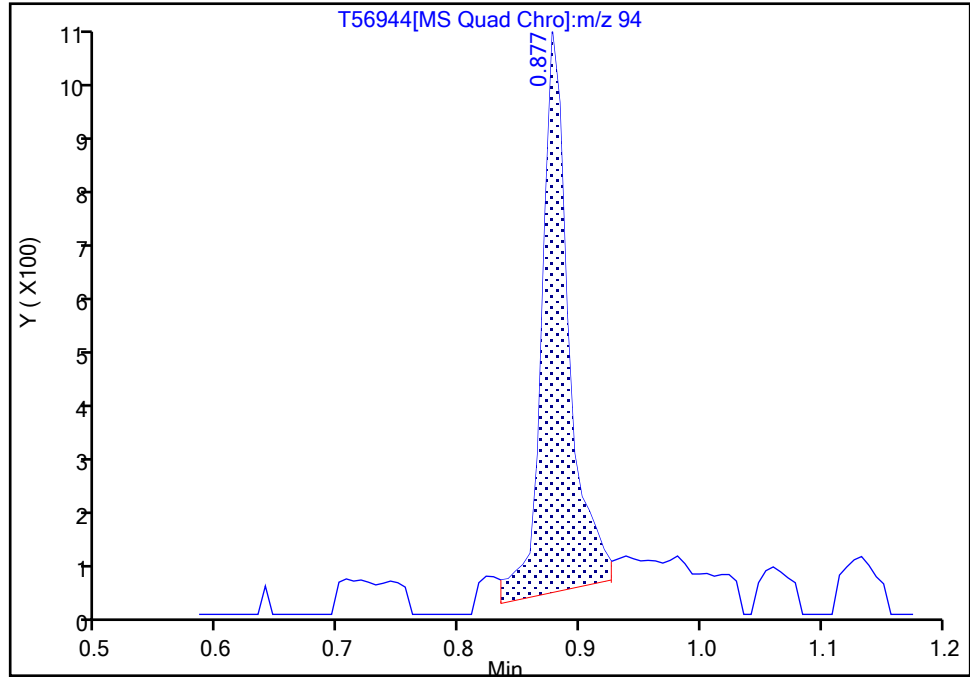
Detector: MS Quad

**9 Bromomethane, CAS: 74-83-9**

Signal: 1

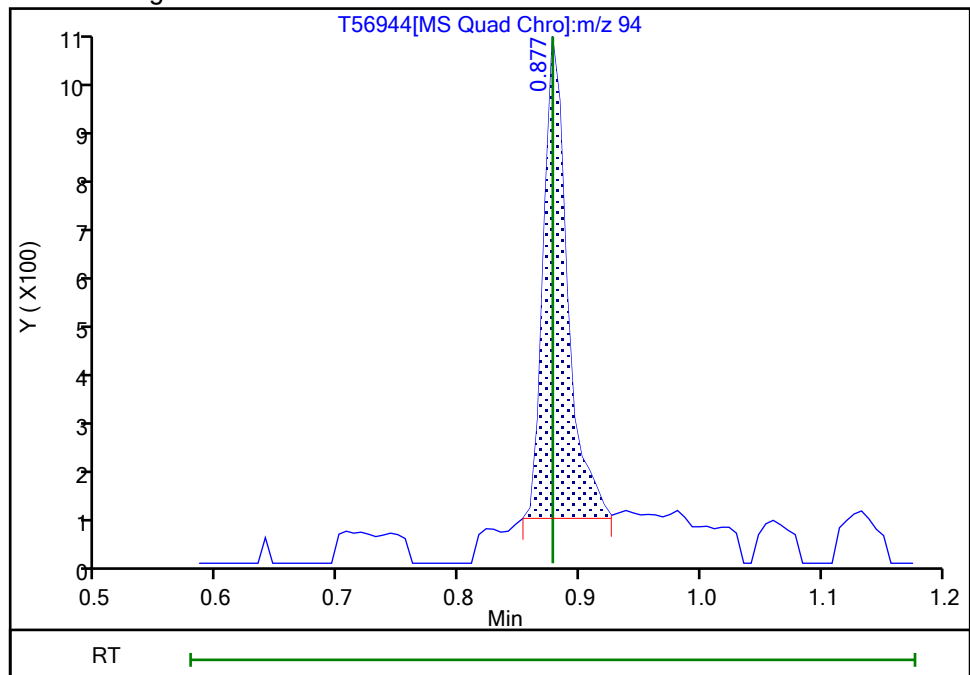
RT: 0.88  
Area: 1611  
Amount: 1.002467  
Amount Units: ug/l

## Processing Integration Results



RT: 0.88  
Area: 1346  
Amount: 1.087271  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:44:17

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

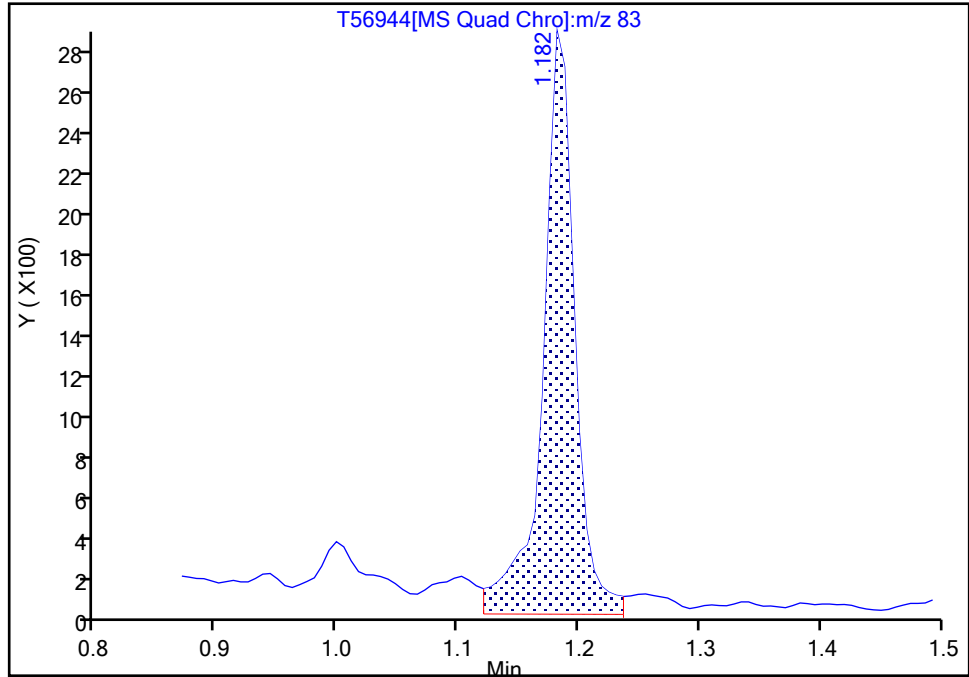
Detector: MS Quad

**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

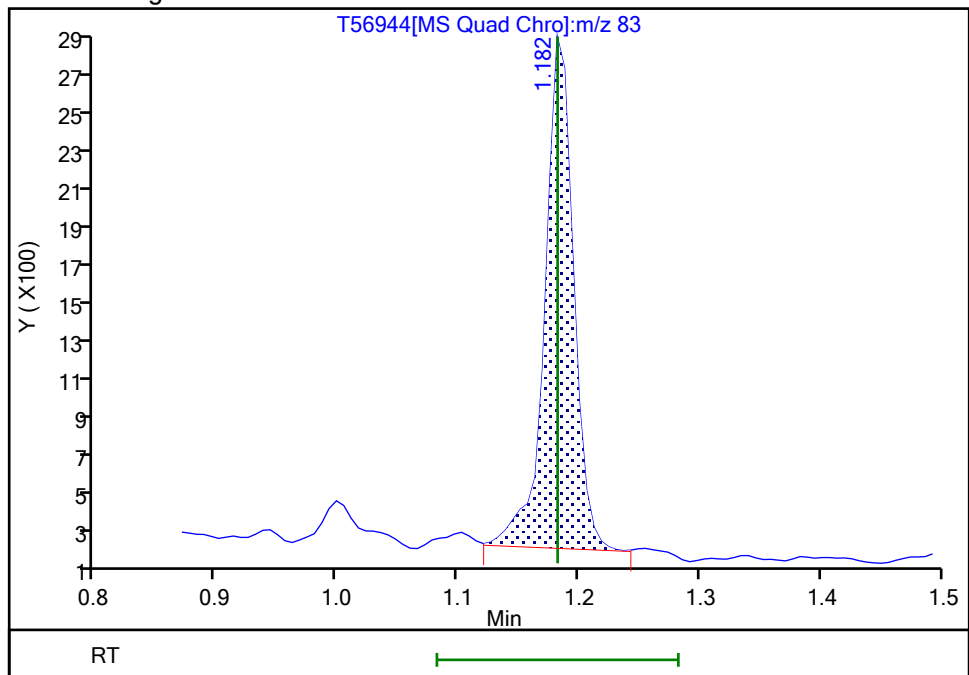
RT: 1.18  
Area: 5001  
Amount: 1.102684  
Amount Units: ug/l

## Processing Integration Results



RT: 1.18  
Area: 4311  
Amount: 0.971662  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 22-Oct-2021 13:54:27

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

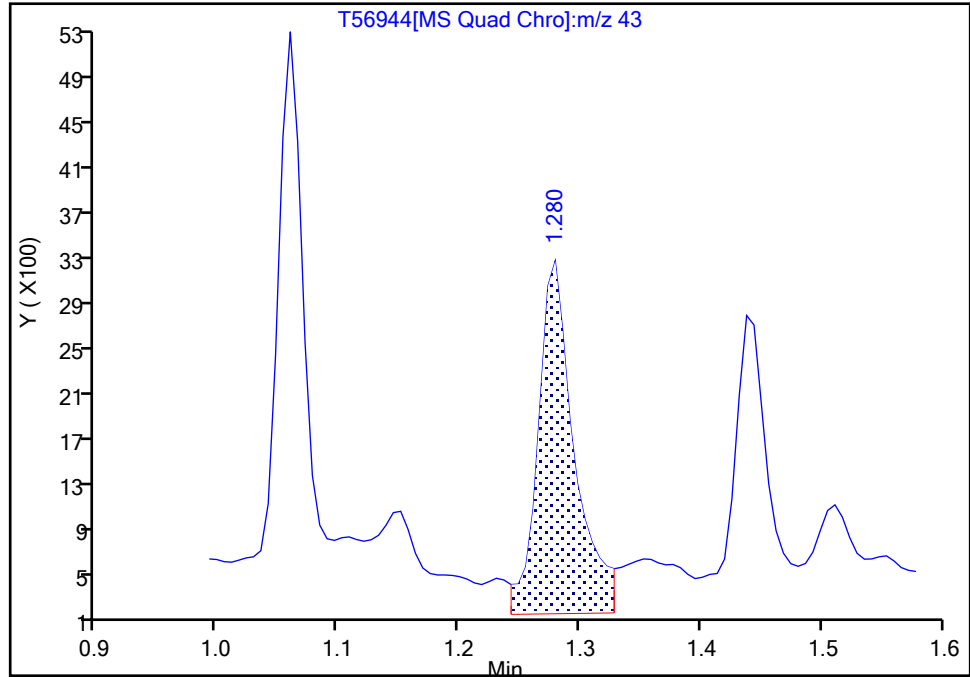
Detector: MS Quad

**22 Acetone, CAS: 67-64-1**

Signal: 1

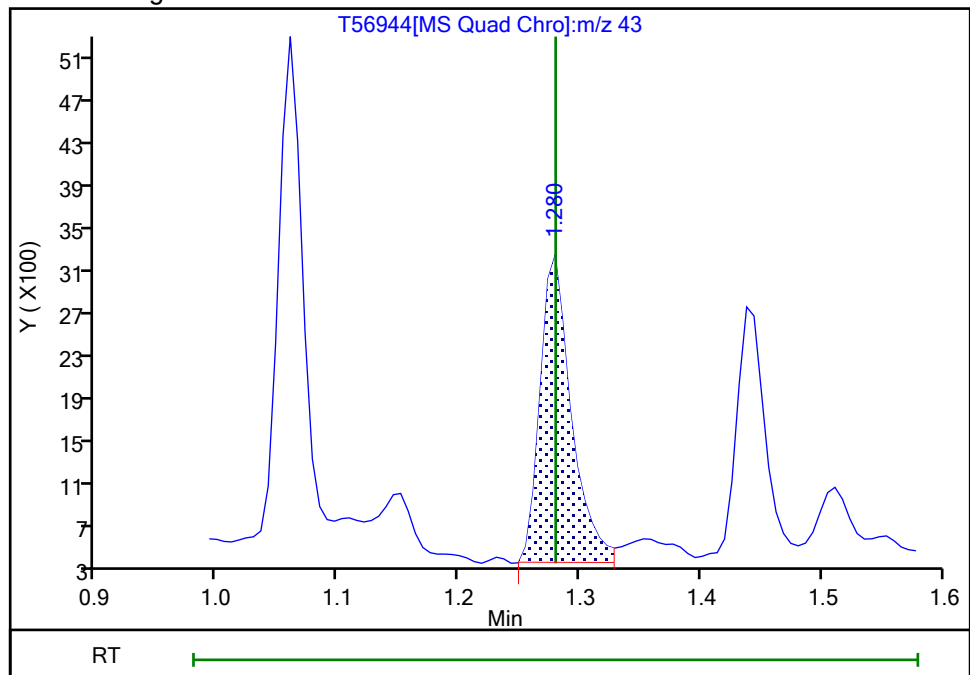
RT: 1.28  
Area: 6573  
Amount: 7.005373  
Amount Units: ug/l

## Processing Integration Results



RT: 1.28  
Area: 5116  
Amount: 5.011996  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:44:34

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

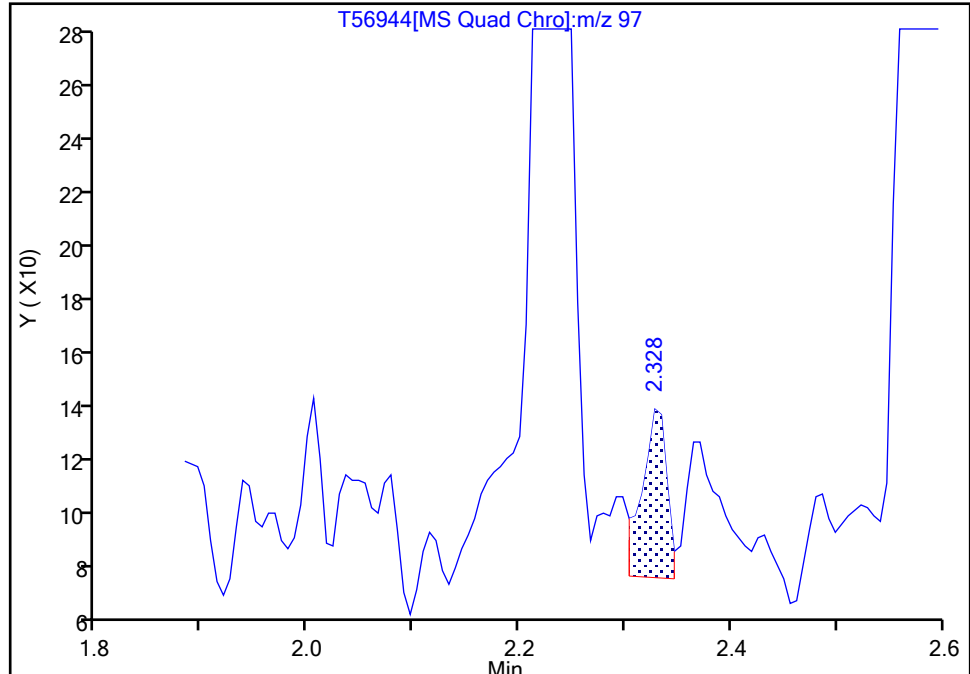
MS Quad

**44 2,2-Dichloropropane, CAS: 594-20-7**

Signal: 1

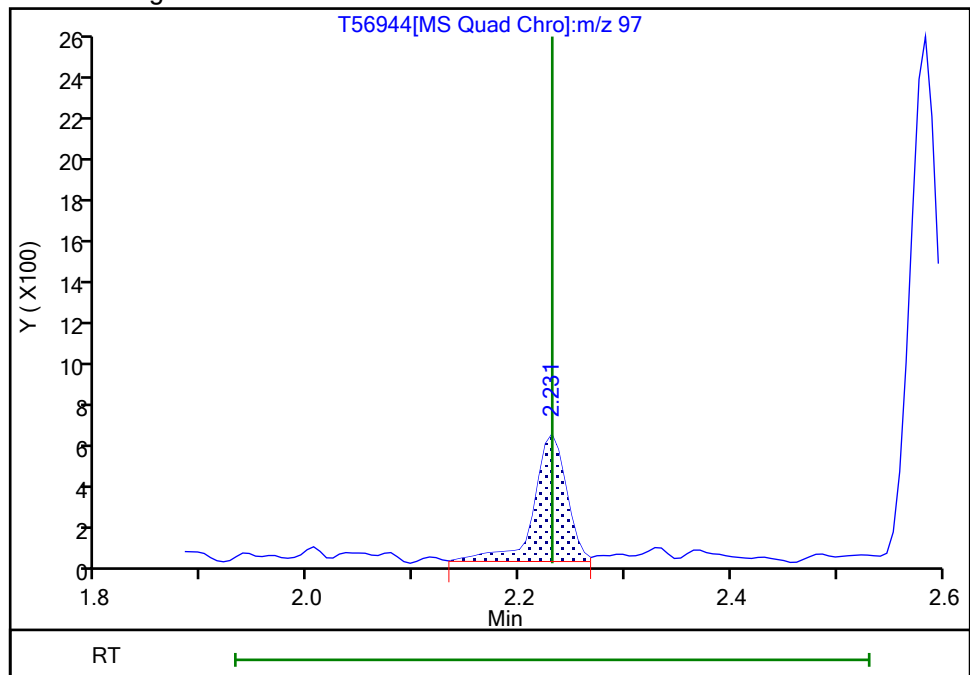
RT: 2.33  
Area: 103  
Amount: 0.105210  
Amount Units: ug/l

## Processing Integration Results



RT: 2.23  
Area: 1320  
Amount: 1.127312  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:06:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

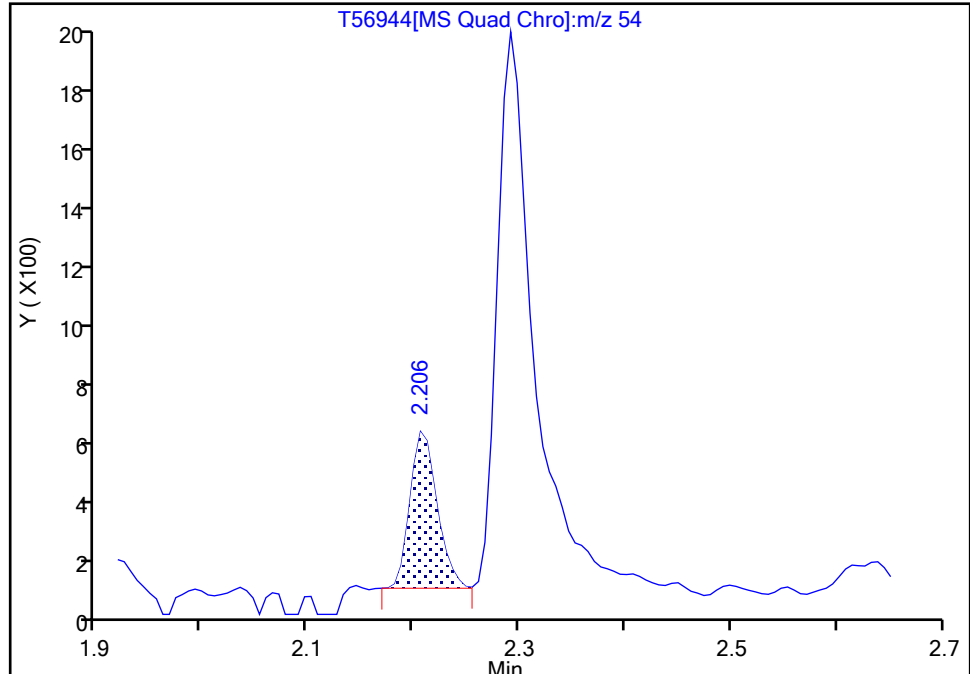
Detector: MS Quad

**46 Propionitrile, CAS: 107-12-0**

Signal: 1

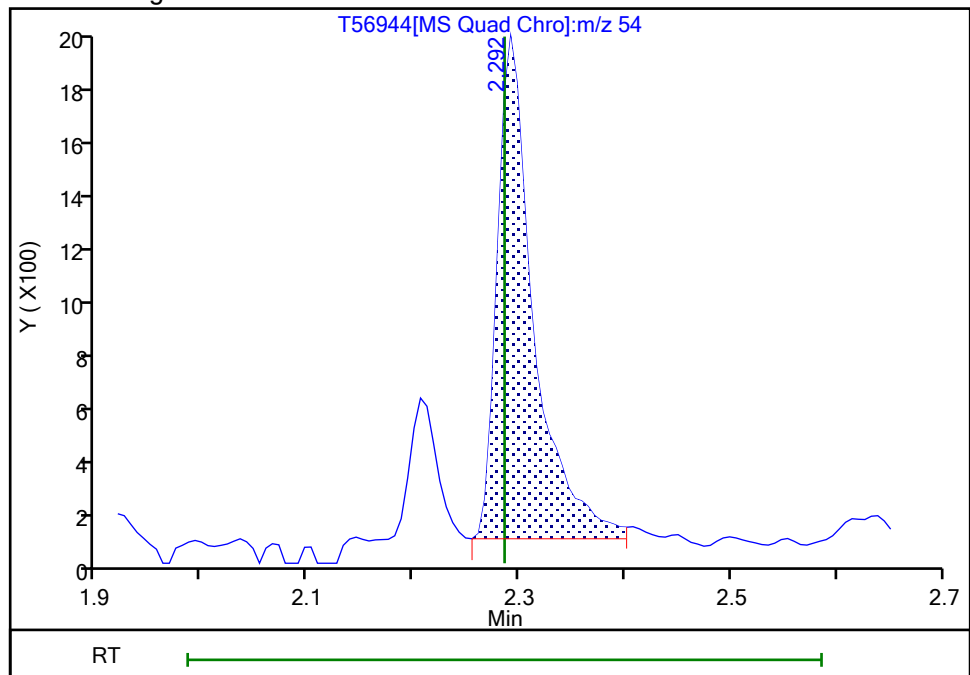
RT: 2.21  
Area: 916  
Amount: 2.020210  
Amount Units: ug/l

## Processing Integration Results



RT: 2.29  
Area: 4396  
Amount: 9.738706  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:44:45

Audit Action: Assigned Compound ID

Audit Reason: Baseline



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

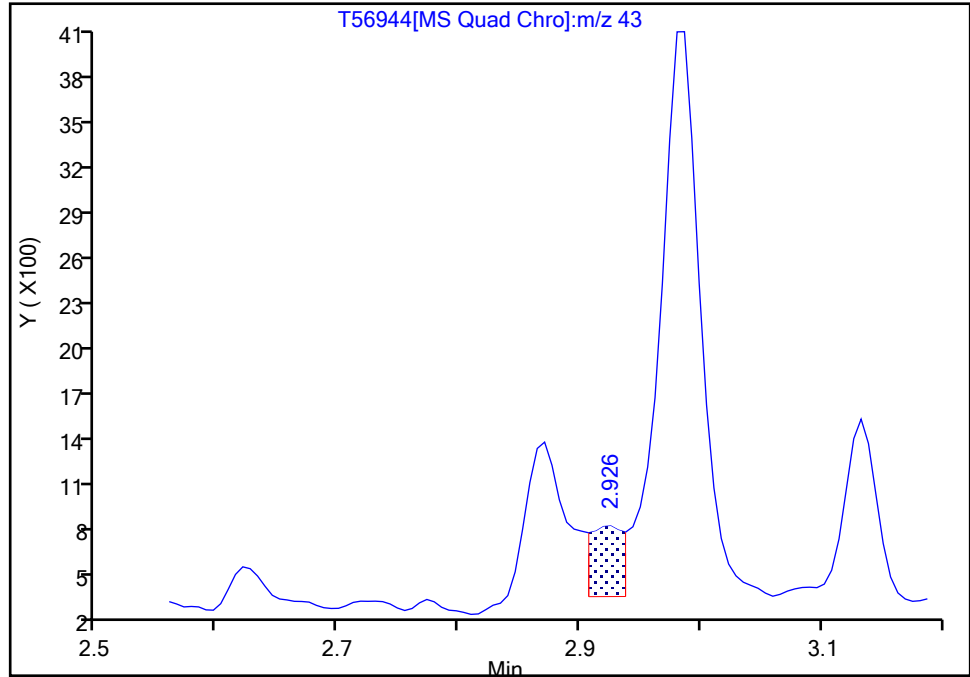
Detector: MS Quad

**59 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

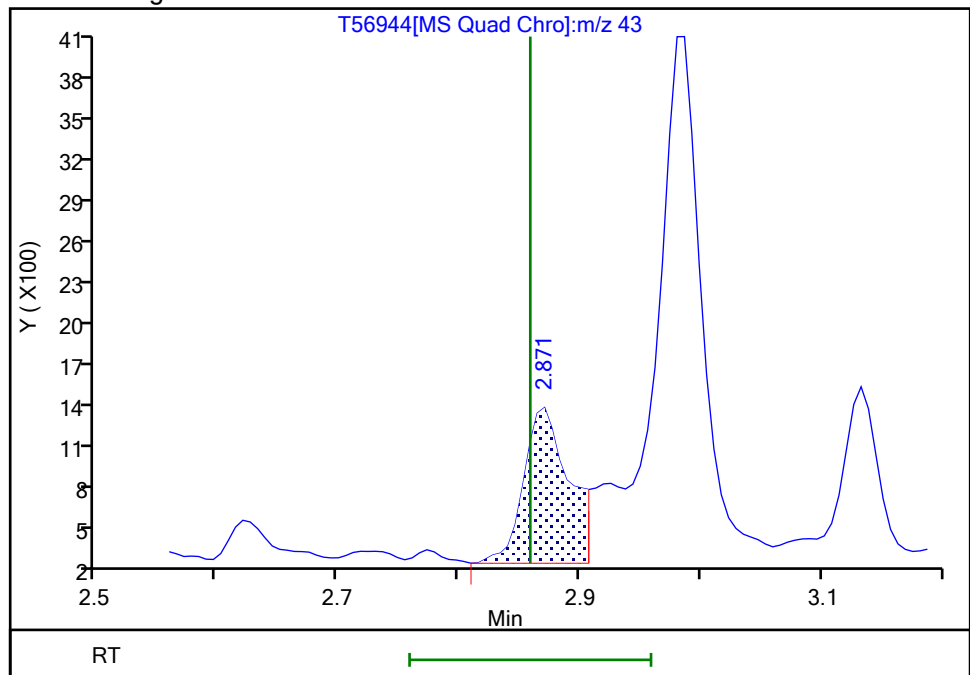
RT: 2.93  
Area: 944  
Amount: 8.435415  
Amount Units: ug/l

## Processing Integration Results



RT: 2.87  
Area: 2937  
Amount: 25.792842  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:44:57

Audit Action: Assigned Compound ID

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

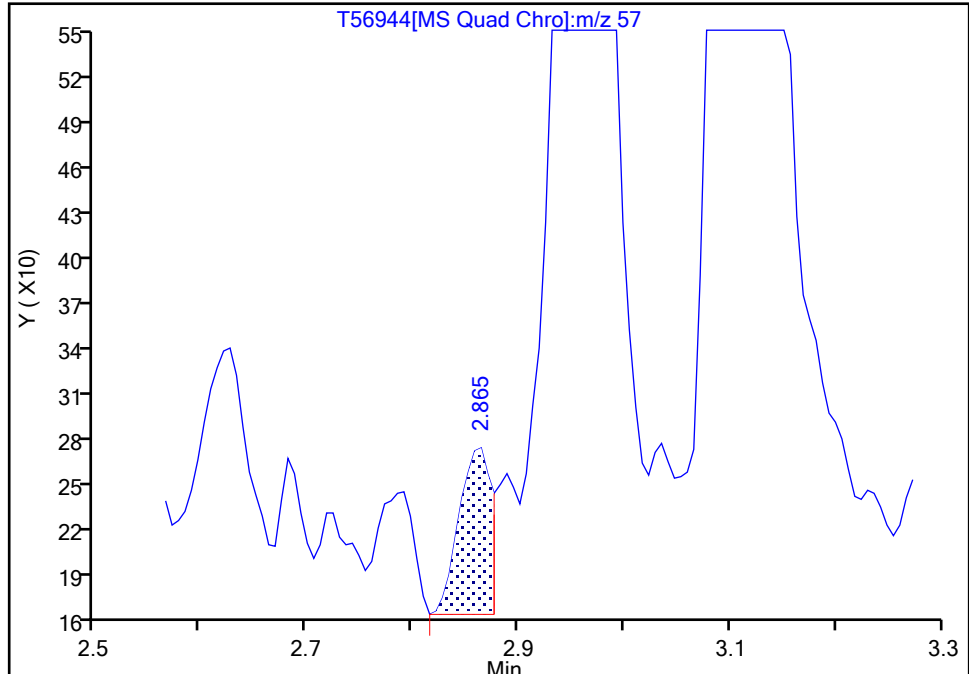
Detector: MS Quad

**62 Isooctane, CAS: 540-84-1**

Signal: 1

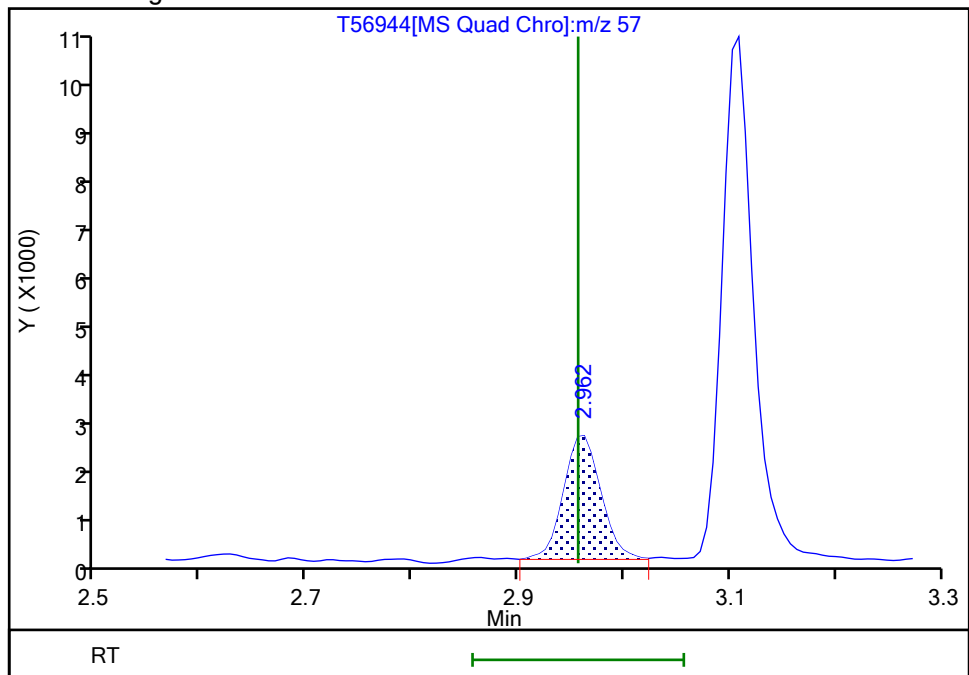
RT: 2.86  
Area: 239  
Amount: 0.044535  
Amount Units: ug/l

## Processing Integration Results



RT: 2.96  
Area: 5769  
Amount: 1.012686  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:45:03

Audit Action: Assigned Compound ID

Audit Reason: Baseline

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56944.D

Injection Date: 22-Oct-2021 08:32:41

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

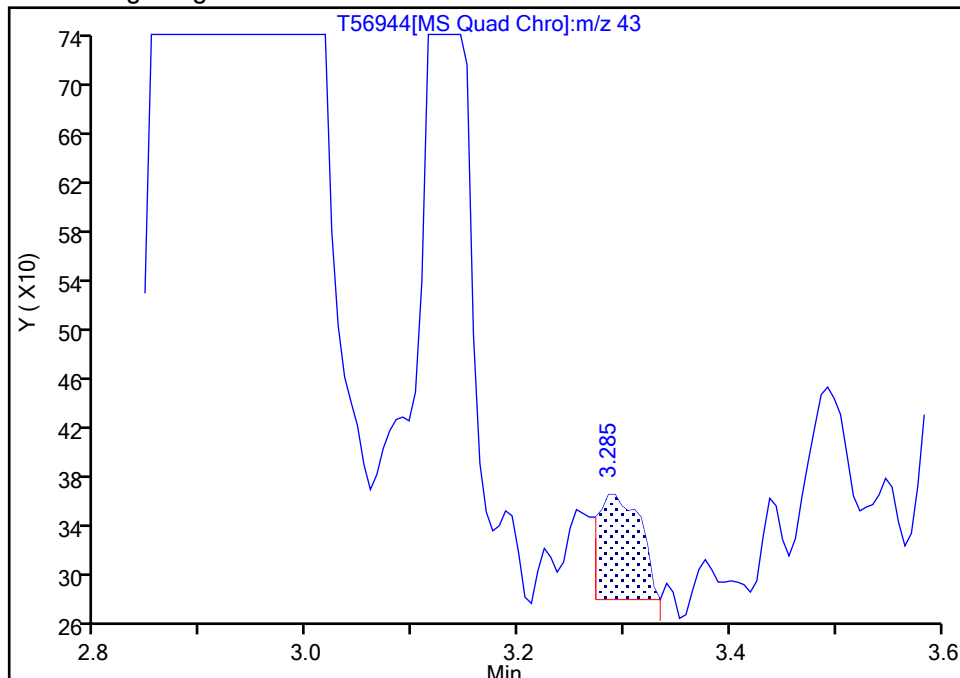
MS Quad

**66 n-Heptane, CAS: 142-82-5**

Signal: 1

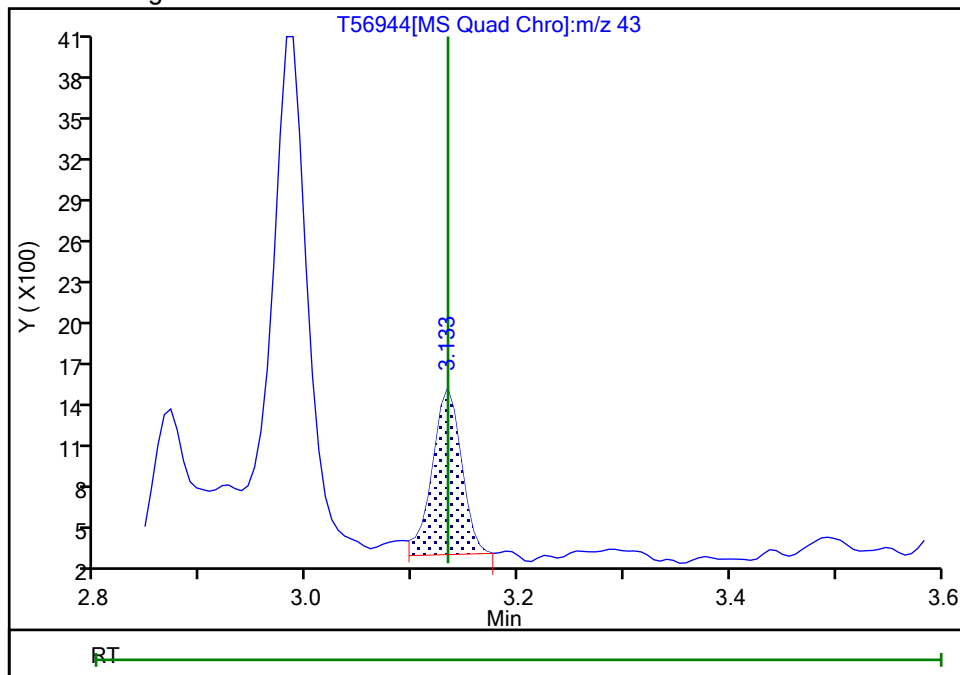
RT: 3.29  
Area: 236  
Amount: 0.100071  
Amount Units: ug/l

## Processing Integration Results



RT: 3.13  
Area: 2255  
Amount: 0.925542  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:43:37

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56945.D  
 Lims ID: STD5  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 22-Oct-2021 08:53:46 ALS Bottle#: 0 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD5  
 Misc. Info.: 460-0136419-005  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:25 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 09:40:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.585	0.585	0.000	28	529	5.00	4.83	
3 Chlorotrifluoroethene	116	0.627	0.621	0.006	64	4861	5.00	4.73	
2 1,1-Difluoroethane	65	0.633	0.628	0.005	96	7425	5.00	4.93	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	72	13958	5.00	4.28	
5 Chlorodifluoromethane	67	0.646	0.646	0.000	78	2695	5.00	4.42	
6 Chloromethane	50	0.713	0.713	0.000	88	15203	5.00	4.29	
7 Vinyl chloride	62	0.749	0.749	0.000	83	16575	5.00	4.60	
8 Butadiene	54	0.761	0.762	-0.001	97	15056	5.00	4.67	
9 Bromomethane	94	0.877	0.877	0.000	95	6930	5.00	6.06	
10 Chloroethane	64	0.920	0.914	0.006	97	9192	5.00	5.42	
11 Dichlorofluoromethane	67	0.999	0.999	0.000	91	25144	5.00	5.13	
12 Trichlorofluoromethane	101	1.024	1.024	0.000	87	19648	5.00	4.96	
13 Pentane	72	1.060	1.060	0.000	95	4143	10.0	9.96	
14 Ethanol	46	1.115	1.115	0.000	87	3561	200.0	216.1	
15 Ethyl ether	59	1.152	1.152	0.000	58	12040	5.00	4.92	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.158	1.158	0.000	78	13071	5.00	4.87	
17 2-Methyl-1,3-butadiene	53	1.158	1.158	0.000	81	12417	5.00	4.88	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.182	1.182	0.000	87	22387	5.00	5.00	
19 Acrolein	56	1.207	1.207	-0.001	96	12416	20.3	22.4	
20 1,1-Dichloroethene	96	1.249	1.249	0.000	89	14238	5.00	5.13	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.255	1.255	0.000	66	13117	5.00	4.93	
22 Acetone	43	1.280	1.280	0.000	87	21083	25.0	22.3	
23 Iodomethane	142	1.322	1.323	-0.001	99	10472	5.00	4.25	
24 Carbon disulfide	76	1.353	1.353	0.000	99	46353	5.00	4.92	
25 Isopropyl alcohol	45	1.353	1.353	0.000	34	9423	50.0	42.2	
26 Acetonitrile	40	1.414	1.414	0.000	88	10443	50.0	51.1	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	94	10551	5.00	5.30	
28 Methyl acetate	43	1.438	1.438	0.000	97	20455	10.0	9.83	
29 Cyclopentene	67	1.469	1.463	0.006	97	36312	5.00	4.96	
30 Methylene Chloride	84	1.487	1.487	0.000	78	16003	5.00	4.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.511	1.512	-0.001	98	53244	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.554	1.554	0.000	82	17266	50.0	48.0	
33 Acrylonitrile	53	1.615	1.615	0.000	93	58305	50.0	50.0	
34 trans-1,2-Dichloroethene	96	1.633	1.627	0.006	67	15969	5.00	4.99	
35 Methyl tert-butyl ether	73	1.633	1.633	0.000	96	43643	5.00	5.01	
36 Hexane	57	1.792	1.792	0.000	92	16280	5.00	4.95	
37 1,1-Dichloroethane	63	1.865	1.865	0.000	94	27717	5.00	4.88	
38 Vinyl acetate	86	1.908	1.908	0.000	99	6635	10.0	10.0	
39 2-Chloro-1,3-butadiene	88	1.926	1.920	0.006	70	14753	5.00	4.93	
40 Isopropyl ether	45	1.920	1.920	0.000	72	45077	5.00	5.02	
41 Tert-butyl ethyl ether	59	2.151	2.152	-0.001	89	45014	5.00	4.94	
* 42 2-Butanone-d5	46	2.206	2.207	0.000	78	357563	250.0	250.0	
44 2,2-Dichloropropane	97	2.231	2.231	0.000	63	5697	5.00	4.82	a
43 cis-1,2-Dichloroethene	96	2.231	2.231	0.000	48	17811	5.00	5.11	
45 2-Butanone (MEK)	43	2.249	2.249	0.000	98	27996	25.0	23.0	
46 Propionitrile	54	2.286	2.286	0.000	97	22264	50.0	52.7	
47 Ethyl acetate	70	2.304	2.304	0.000	98	3584	10.0	9.62	
48 Methyl acrylate	55	2.322	2.322	0.000	93	15791	5.00	4.61	
50 Methacrylonitrile	67	2.389	2.389	0.000	89	68266	50.0	51.1	
49 Chlorobromomethane	128	2.395	2.396	-0.001	47	7548	5.00	5.34	
51 Tetrahydrofuran	72	2.432	2.432	0.000	70	4627	10.0	10.0	
52 Chloroform	83	2.456	2.456	0.000	93	28064	5.00	5.01	
\$ 53 Dibromofluoromethane (Surr)	113	2.572	2.572	0.000	95	149649	50.0	50.2	
54 1,1,1-Trichloroethane	97	2.584	2.584	0.000	44	25192	5.00	5.11	
55 Cyclohexane	84	2.621	2.621	0.000	90	21109	5.00	5.06	
56 Carbon tetrachloride	117	2.706	2.706	0.000	83	20636	5.00	4.99	
57 1,1-Dichloropropene	75	2.712	2.713	-0.001	95	22918	5.00	5.01	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.822	2.822	0.000	91	174146	50.0	50.1	
59 Isobutyl alcohol	43	2.859	2.859	0.000	46	13453	125.0	126.3	a
60 Benzene	78	2.865	2.865	0.000	97	64680	5.00	5.20	
61 1,2-Dichloroethane	62	2.883	2.883	0.000	75	20758	5.00	5.00	
62 Isooctane	57	2.962	2.956	0.006	86	27793	5.00	4.84	
63 Isopropyl acetate	61	2.981	2.981	0.000	91	6356	5.00	5.15	
64 Tert-amyl methyl ether	73	2.987	2.987	0.000	82	43620	5.00	4.86	
* 65 Fluorobenzene	96	3.109	3.109	0.000	98	587873	50.0	50.0	
66 n-Heptane	43	3.133	3.133	0.000	47	12105	5.00	4.93	a
67 Trichloroethene	95	3.432	3.432	0.000	93	17394	5.00	4.96	
68 n-Butanol	56	3.468	3.456	0.012	91	8245	125.0	85.4	
69 Ethyl acrylate	55	3.590	3.590	0.000	95	33854	5.00	4.90	
70 Methylcyclohexane	83	3.602	3.603	-0.001	86	19334	5.00	4.87	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	88	16069	5.00	4.96	
72 Dibromomethane	93	3.743	3.737	0.006	56	10222	5.00	5.02	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	64	38583	1000.0	1000.0	
74 1,4-Dioxane	88	3.797	3.798	-0.001	35	4378	100.0	102.4	
75 Methyl methacrylate	100	3.810	3.810	0.000	85	8529	10.0	9.73	
76 n-Propyl acetate	43	3.895	3.889	0.006	97	21586	5.00	5.15	
77 Dichlorobromomethane	83	3.919	3.920	-0.001	95	20958	5.00	4.95	
78 2-Nitropropane	41	4.163	4.163	0.000	95	7469	10.0	8.98	
79 2-Chloroethyl vinyl ether	106	4.285	4.285	0.000	94	2659	5.01	4.86	
80 Epichlorohydrin	57	4.316	4.316	0.000	97	25530	100.0	94.1	
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	86	25652	5.00	4.99	
82 4-Methyl-2-pentanone (MIBK)	43	4.614	4.615	-0.001	95	65664	25.0	23.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	99	552914	50.0	50.7	
84 Toluene	91	4.767	4.761	0.006	93	66874	5.00	5.12	
85 trans-1,3-Dichloropropene	75	5.072	5.066	0.006	92	23925	5.00	5.03	
86 Ethyl methacrylate	69	5.255	5.255	0.000	86	19997	5.00	5.12	
87 1,1,2-Trichloroethane	83	5.273	5.273	0.000	91	12161	5.00	5.17	
88 Tetrachloroethene	166	5.413	5.413	0.000	88	14159	5.00	5.18	
89 1,3-Dichloropropane	76	5.468	5.468	0.000	92	23854	5.00	4.98	
90 2-Hexanone	43	5.651	5.651	0.000	94	48667	25.0	24.3	
91 Chlorodibromomethane	129	5.736	5.736	0.000	91	14637	5.00	4.94	
92 Ethylene Dibromide	107	5.840	5.840	0.000	98	14721	5.00	5.01	
93 n-Butyl acetate	43	5.889	5.883	0.006	97	21718	5.00	4.91	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	405325	50.0	50.0	
95 Chlorobenzene	112	6.535	6.535	0.000	92	38764	5.00	4.98	
96 1,1,1,2-Tetrachloroethane	131	6.681	6.681	0.000	91	13887	5.00	5.01	
97 Ethylbenzene	106	6.742	6.742	0.000	99	20834	5.00	5.07	
98 m-Xylene & p-Xylene	106	6.925	6.925	0.000	98	25173	5.00	4.95	
99 o-Xylene	106	7.486	7.486	0.000	92	24420	5.00	5.06	
100 Styrene	104	7.516	7.517	-0.001	92	41334	5.00	4.98	
101 n-Butyl acrylate	73	7.620	7.614	0.006	95	11693	5.00	4.92	
102 Bromoform	173	7.724	7.718	0.006	91	9057	5.00	4.87	
103 Amyl acetate (mixed isomers)	43	8.004	8.004	0.000	92	24966	5.00	5.10	
104 Isopropylbenzene	105	8.083	8.077	0.006	96	59903	5.00	5.03	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	82	141509	50.0	49.4	
106 Bromobenzene	156	8.431	8.431	0.000	92	13786	5.00	4.96	
107 1,1,2,2-Tetrachloroethane	83	8.595	8.596	-0.001	88	19689	5.00	5.15	
108 1,2,3-Trichloropropane	110	8.595	8.596	-0.001	86	5396	5.00	4.92	
109 trans-1,4-Dichloro-2-butene	53	8.693	8.687	0.006	85	5008	5.00	4.69	
110 N-Propylbenzene	91	8.730	8.730	0.000	98	69156	5.00	4.85	
111 2-Chlorotoluene	91	8.778	8.778	0.000	94	46810	5.00	5.49	
112 4-Ethyltoluene	105	8.925	8.925	0.000	98	54751	5.00	5.05	
113 4-Chlorotoluene	91	8.967	8.967	0.000	98	50439	5.00	5.12	
114 1,3,5-Trimethylbenzene	105	9.040	9.041	-0.001	91	45181	5.00	5.02	
115 Butyl Methacrylate	87	9.357	9.358	-0.001	89	18457	5.00	4.93	
116 tert-Butylbenzene	119	9.540	9.541	-0.001	87	36302	5.00	5.06	
117 1,2,4-Trimethylbenzene	105	9.620	9.620	0.000	98	45437	5.00	4.99	
118 sec-Butylbenzene	105	9.900	9.900	0.000	98	52951	5.00	5.09	
119 1,3-Dichlorobenzene	146	9.973	9.973	0.000	91	22754	5.00	4.92	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	97	182240	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.138	10.132	0.006	86	24216	5.00	5.02	
122 4-Isopropyltoluene	119	10.187	10.187	0.000	92	42199	5.00	5.09	
123 1,2,3-Trimethylbenzene	105	10.278	10.278	0.000	99	45669	5.00	4.97	
124 Benzyl chloride	91	10.406	10.400	0.006	98	36001	5.00	4.95	
125 2,3-Dihydroindene	117	10.552	10.553	-0.001	92	43668	5.00	5.02	
126 1,2-Dichlorobenzene	146	10.717	10.717	0.000	92	22272	5.00	5.02	
127 p-Diethylbenzene	119	10.833	10.833	0.000	87	20665	5.00	4.92	
128 n-Butylbenzene	92	10.863	10.863	0.000	97	21842	5.00	5.07	
129 1,2-Dibromo-3-Chloropropane	157	11.887	11.888	-0.001	87	3621	5.00	4.79	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	96	35377	5.00	4.99	
131 1,3,5-Trichlorobenzene	180	12.137	12.138	-0.001	94	11793	5.00	4.91	
132 1,2,4-Trichlorobenzene	180	12.778	12.778	0.000	93	11112	5.00	5.11	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	47	4233	5.00	5.16	
134 Naphthalene	128	12.985	12.985	0.000	99	37219	5.00	5.09	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.210	13.211	-0.001	93	8820	5.00	5.06	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.1	
S 137 Xylenes, Total	100				0		10.0	10.0	
S 140 Total BTEX	1				0		25.0	25.4	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.0	
S 138 Total 1,2-dichloroethene	1				0			10.1	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB_00145	Amount Added: 10.00	Units: uL	
ACROLEIN W_00132	Amount Added: 4.00	Units: uL	
GASES Li_00444	Amount Added: 10.00	Units: uL	
524freon_00044	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56945.D

Injection Date: 22-Oct-2021 08:53:46

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 5

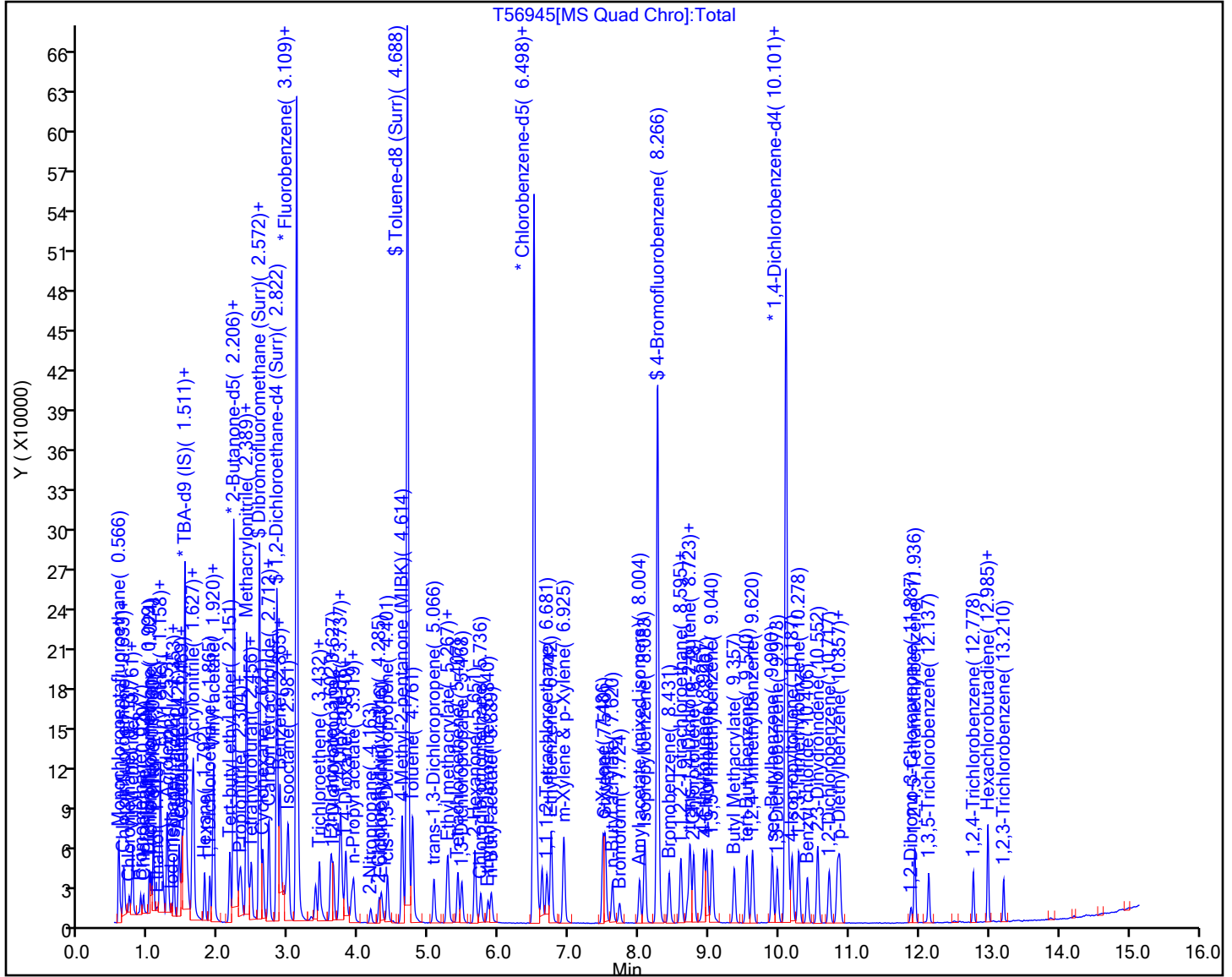
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)





## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56945.D

Injection Date: 22-Oct-2021 08:53:46

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

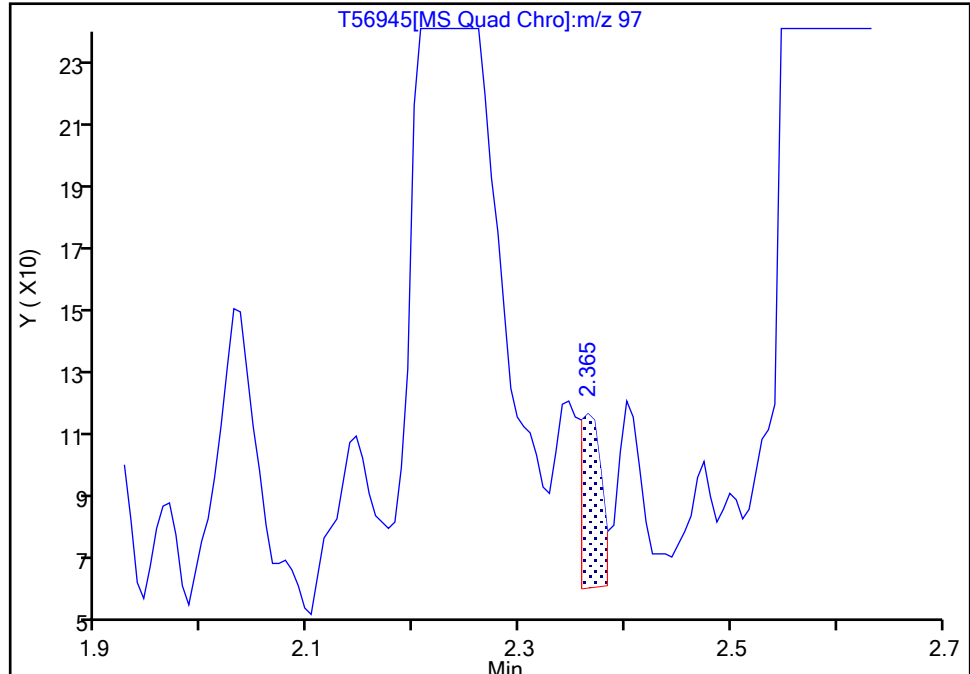
MS Quad

**44 2,2-Dichloropropane, CAS: 594-20-7**

Signal: 1

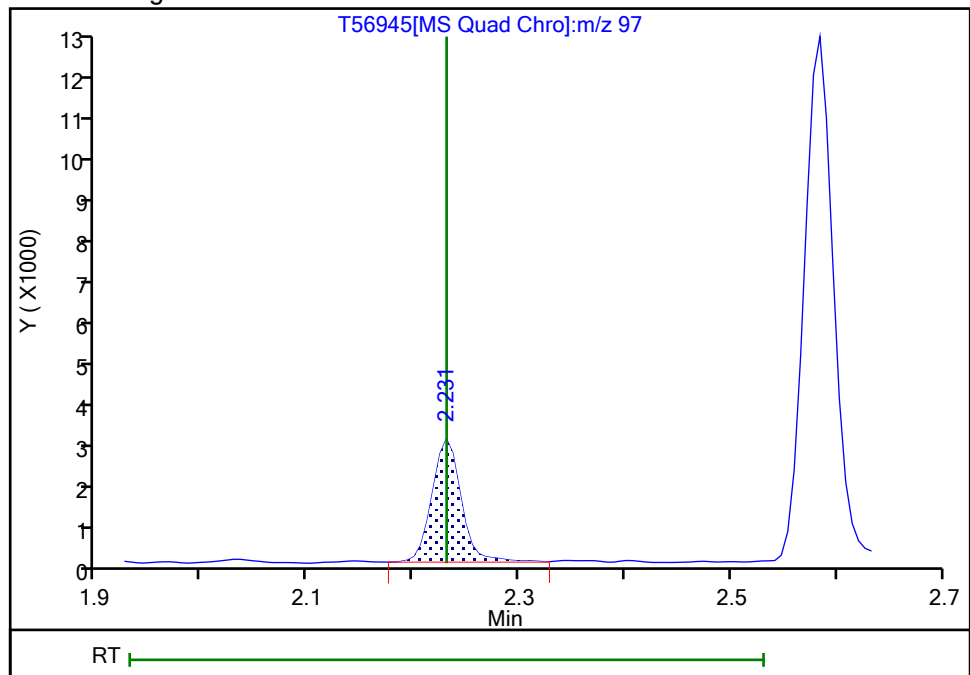
RT: 2.36  
Area: 78  
Amount: 0.101607  
Amount Units: ug/l

## Processing Integration Results



RT: 2.23  
Area: 5697  
Amount: 4.823581  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:54:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56945.D

Injection Date: 22-Oct-2021 08:53:46

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

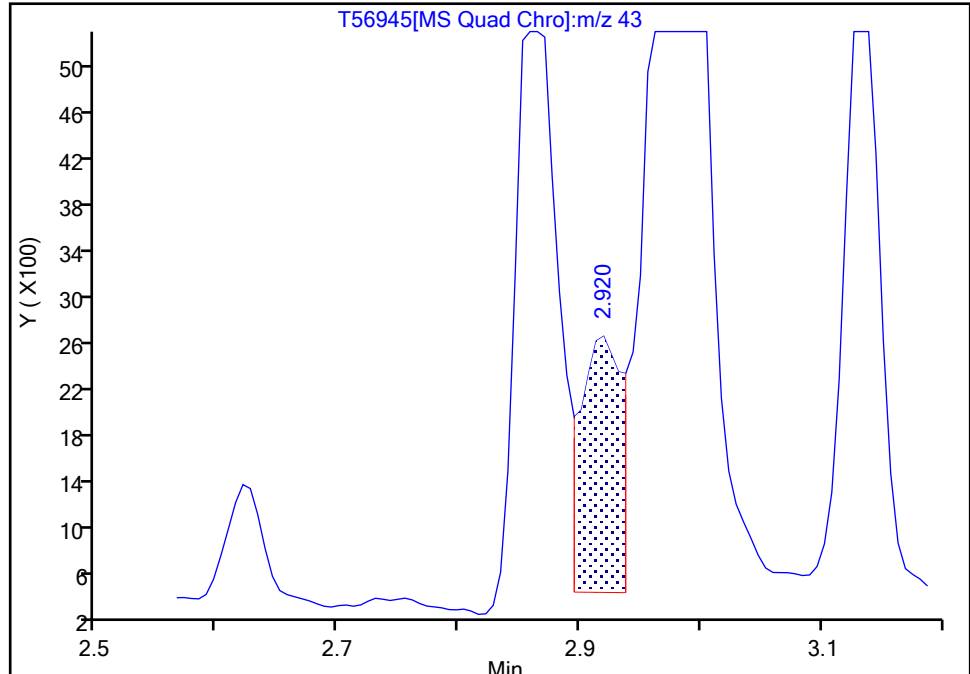
Detector: MS Quad

**59 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

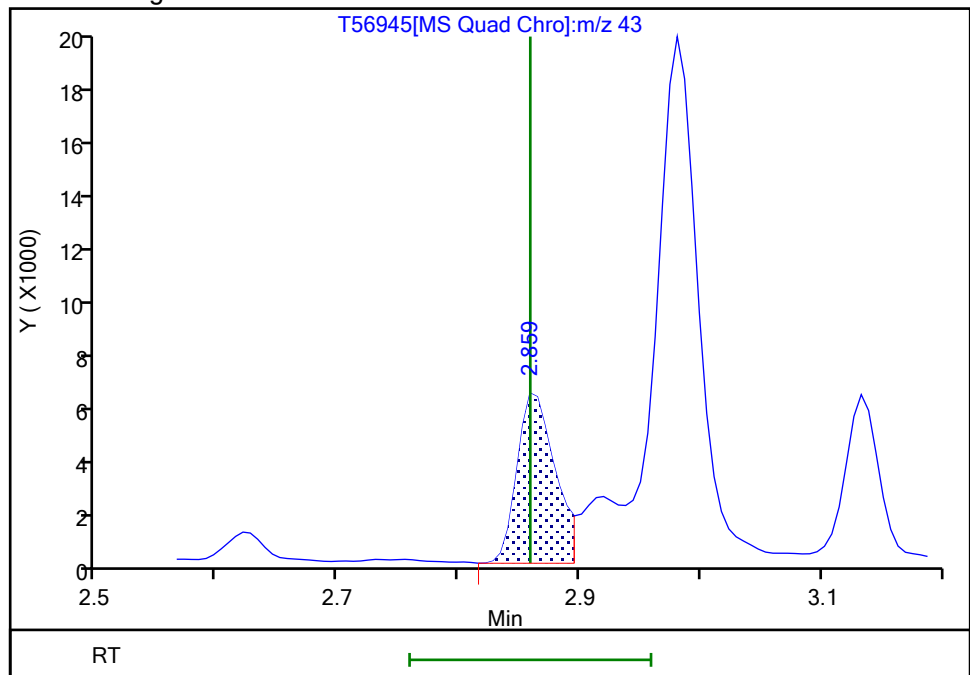
RT: 2.92  
Area: 5527  
Amount: 63.689979  
Amount Units: ug/l

## Processing Integration Results



RT: 2.86  
Area: 13453  
Amount: 126.3193  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:54:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56945.D

Injection Date: 22-Oct-2021 08:53:46

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

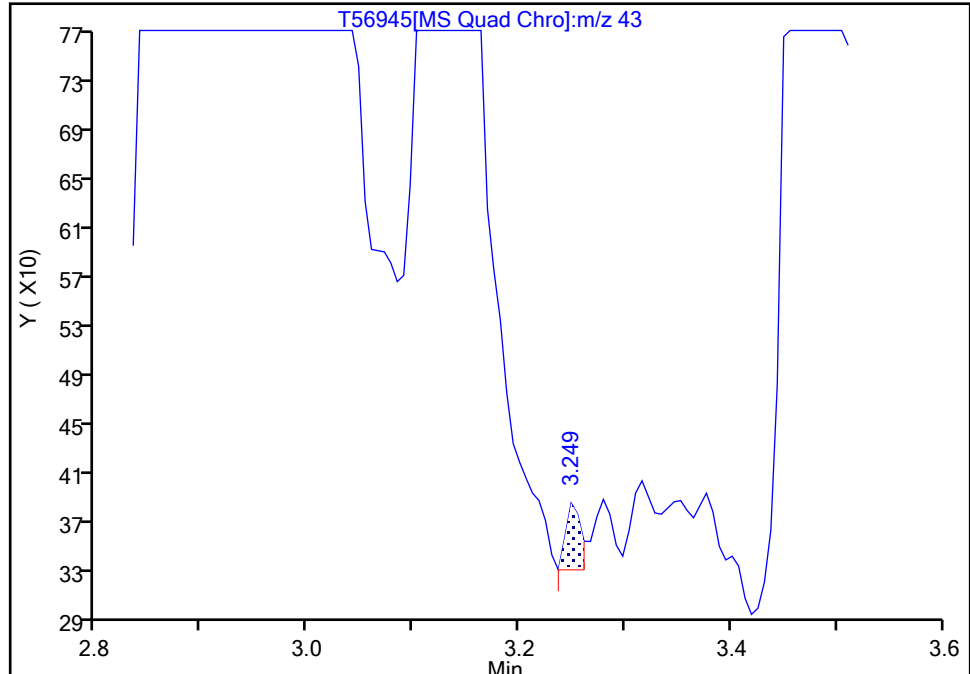
Detector: MS Quad

**66 n-Heptane, CAS: 142-82-5**

Signal: 1

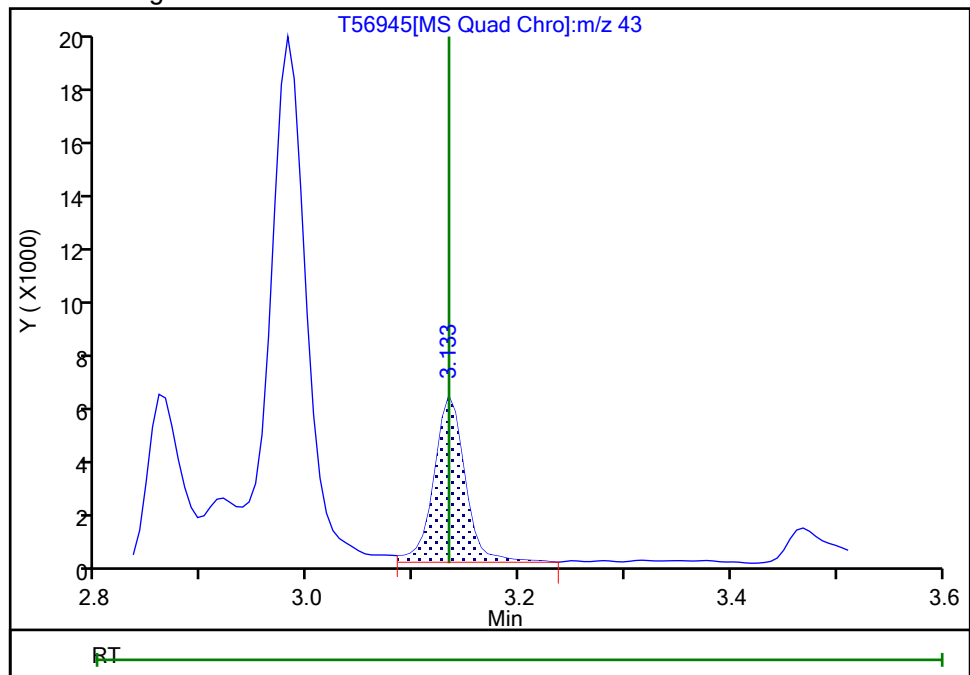
RT: 3.25  
Area: 54  
Amount: 0.026522  
Amount Units: ug/l

## Processing Integration Results



RT: 3.13  
Area: 12105  
Amount: 4.925695  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 09:54:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56946.D  
 Lims ID: STD20  
 Client ID:  
 Sample Type: ICIS Calib Level: 4  
 Inject. Date: 22-Oct-2021 09:14:54 ALS Bottle#: 0 Worklist Smp#: 6  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD20  
 Misc. Info.: 460-0136419-006  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:31 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 09:36:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.585	0.585	0.000	42	2282	20.0	21.2	
3 Chlorotrifluoroethene	116	0.621	0.621	0.000	79	19961	20.0	19.8	
2 1,1-Difluoroethane	65	0.628	0.628	0.000	94	28492	20.0	19.4	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	71	57504	20.0	18.0	
5 Chlorodifluoromethane	67	0.646	0.646	0.000	78	11159	20.0	18.7	
6 Chloromethane	50	0.713	0.713	0.000	88	59221	20.0	17.0	
7 Vinyl chloride	62	0.749	0.749	0.000	98	64927	20.0	18.4	
8 Butadiene	54	0.762	0.762	0.000	96	58290	20.0	18.5	
9 Bromomethane	94	0.877	0.877	0.000	98	20253	20.0	17.6	
10 Chloroethane	64	0.914	0.914	0.000	98	32941	20.0	19.1	
11 Dichlorofluoromethane	67	0.999	0.999	0.000	91	96534	20.0	20.1	
12 Trichlorofluoromethane	101	1.024	1.024	0.000	99	73943	20.0	19.0	
13 Pentane	72	1.060	1.060	0.000	95	14742	40.0	36.2	
14 Ethanol	46	1.115	1.115	0.000	93	12555	800.0	721.6	
15 Ethyl ether	59	1.152	1.152	0.000	56	43982	20.0	18.3	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.158	1.158	0.000	78	48353	20.0	18.4	
17 2-Methyl-1,3-butadiene	53	1.158	1.158	0.000	81	46108	20.0	18.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.182	1.182	0.000	89	86769	20.0	19.8	
19 Acrolein	56	1.207	1.207	0.000	96	22040	40.6	37.7	
20 1,1-Dichloroethene	96	1.249	1.249	0.000	89	52340	20.0	19.2	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.255	1.255	0.000	69	49544	20.0	19.0	
22 Acetone	43	1.280	1.280	0.000	87	83653	100.0	87.2	
23 Iodomethane	142	1.323	1.323	0.000	99	47307	20.0	19.6	
24 Carbon disulfide	76	1.353	1.353	0.000	99	177891	20.0	19.3	
25 Isopropyl alcohol	45	1.353	1.353	0.000	35	36961	200.0	157.9	
26 Acetonitrile	40	1.414	1.414	0.000	86	39293	200.0	189.5	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	94	41819	20.0	21.4	
28 Methyl acetate	43	1.438	1.438	0.000	97	79717	40.0	39.1	
29 Cyclopentene	67	1.463	1.463	0.000	97	140690	20.0	19.6	
30 Methylene Chloride	84	1.487	1.487	0.000	86	61404	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.512	1.512	0.000	98	56202	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.554	1.554	0.000	99	67120	200.0	176.6	
33 Acrylonitrile	53	1.615	1.615	0.000	95	234372	200.0	205.2	
34 trans-1,2-Dichloroethene	96	1.627	1.627	0.000	79	61554	20.0	19.6	
35 Methyl tert-butyl ether	73	1.633	1.633	0.000	96	167561	20.0	19.6	
36 Hexane	57	1.792	1.792	0.000	91	60761	20.0	18.9	
37 1,1-Dichloroethane	63	1.865	1.865	0.000	94	109765	20.0	19.7	
38 Vinyl acetate	86	1.908	1.908	0.000	99	26588	40.0	39.6	
39 2-Chloro-1,3-butadiene	88	1.920	1.920	0.000	66	58751	20.0	20.0	
40 Isopropyl ether	45	1.920	1.920	0.000	72	174105	20.0	19.8	
41 Tert-butyl ethyl ether	59	2.152	2.152	0.000	88	179231	20.0	20.1	
* 42 2-Butanone-d5	46	2.207	2.207	0.000	81	362601	250.0	250.0	
44 2,2-Dichloropropane	97	2.231	2.231	0.000	79	21957	20.0	19.0	
43 cis-1,2-Dichloroethene	96	2.231	2.231	0.000	86	65863	20.0	19.3	
45 2-Butanone (MEK)	43	2.249	2.249	0.000	99	129828	100.0	105.4	
46 Propionitrile	54	2.286	2.286	0.000	98	92985	200.0	208.7	
47 Ethyl acetate	70	2.304	2.304	0.000	99	14635	40.0	38.7	
48 Methyl acrylate	55	2.322	2.322	0.000	95	63042	20.0	18.8	
50 Methacrylonitrile	67	2.389	2.389	0.000	89	265645	200.0	203.0	
49 Chlorobromomethane	128	2.396	2.396	0.000	47	27803	20.0	20.1	
51 Tetrahydrofuran	72	2.432	2.432	0.000	74	17616	40.0	37.6	
52 Chloroform	83	2.456	2.456	0.000	93	108150	20.0	19.7	
\$ 53 Dibromofluoromethane (Surr)	113	2.572	2.572	0.000	95	146886	50.0	50.3	
54 1,1,1-Trichloroethane	97	2.584	2.584	0.000	88	92968	20.0	19.2	
55 Cyclohexane	84	2.621	2.621	0.000	89	75167	20.0	18.4	
56 Carbon tetrachloride	117	2.706	2.706	0.000	82	78969	20.0	19.5	
57 1,1-Dichloropropene	75	2.713	2.713	0.000	96	87413	20.0	19.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.822	2.822	0.000	91	167270	50.0	49.1	
59 Isobutyl alcohol	43	2.859	2.859	0.000	47	53986	500.0	480.2	
60 Benzene	78	2.865	2.865	0.000	96	246495	20.0	20.1	
61 1,2-Dichloroethane	62	2.883	2.883	0.000	77	77392	20.0	19.0	
62 Isooctane	57	2.956	2.956	0.000	93	107481	20.0	19.1	a
63 Isopropyl acetate	61	2.981	2.981	0.000	92	24099	20.0	19.9	
64 Tert-amyl methyl ether	73	2.987	2.987	0.000	82	172576	20.0	19.6	
* 65 Fluorobenzene	96	3.109	3.109	0.000	98	576179	50.0	50.0	
66 n-Heptane	43	3.133	3.133	0.000	81	46039	20.0	19.1	
67 Trichloroethene	95	3.432	3.432	0.000	95	65204	20.0	19.0	
68 n-Butanol	56	3.456	3.456	0.000	87	39611	500.0	391.0	
69 Ethyl acrylate	55	3.590	3.590	0.000	96	131874	20.0	19.5	
70 Methylcyclohexane	83	3.603	3.603	0.000	87	74331	20.0	19.1	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	89	60972	20.0	19.2	
72 Dibromomethane	93	3.737	3.737	0.000	53	38799	20.0	19.4	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	74	40309	1000.0	1000.0	
74 1,4-Dioxane	88	3.798	3.798	0.000	35	18011	400.0	403.3	
75 Methyl methacrylate	100	3.810	3.810	0.000	86	34950	40.0	40.7	
76 n-Propyl acetate	43	3.889	3.889	0.000	97	85571	20.0	20.8	
77 Dichlorobromomethane	83	3.920	3.920	0.000	96	81969	20.0	19.7	
78 2-Nitropropane	41	4.163	4.163	0.000	94	30073	40.0	36.9	
79 2-Chloroethyl vinyl ether	106	4.285	4.285	0.000	95	11084	20.0	20.7	
80 Epichlorohydrin	57	4.316	4.316	0.000	98	115811	400.0	421.0	
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	87	100591	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK)	43	4.615	4.615	0.000	95	275354	100.0	98.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	99	546761	50.0	50.9	
84 Toluene	91	4.761	4.761	0.000	94	257195	20.0	20.0	
85 trans-1,3-Dichloropropene	75	5.066	5.066	0.000	93	93934	20.0	20.1	
86 Ethyl methacrylate	69	5.255	5.255	0.000	85	80647	20.0	21.0	
87 1,1,2-Trichloroethane	83	5.273	5.273	0.000	91	45343	20.0	19.6	
88 Tetrachloroethene	166	5.413	5.413	0.000	87	52721	20.0	19.6	
89 1,3-Dichloropropane	76	5.468	5.468	0.000	91	93652	20.0	19.8	
90 2-Hexanone	43	5.651	5.651	0.000	94	196129	100.0	96.7	
91 Chlorodibromomethane	129	5.736	5.736	0.000	96	58294	20.0	20.0	
92 Ethylene Dibromide	107	5.840	5.840	0.000	98	57333	20.0	19.8	
93 n-Butyl acetate	43	5.883	5.883	0.000	98	89573	20.0	20.6	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	399196	50.0	50.0	
95 Chlorobenzene	112	6.535	6.535	0.000	92	152115	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	6.681	6.681	0.000	92	54739	20.0	20.1	
97 Ethylbenzene	106	6.742	6.742	0.000	99	81542	20.0	20.2	
98 m-Xylene & p-Xylene	106	6.925	6.925	0.000	97	99931	20.0	19.9	
99 o-Xylene	106	7.486	7.486	0.000	92	94454	20.0	19.9	
100 Styrene	104	7.517	7.517	0.000	93	163460	20.0	20.0	
101 n-Butyl acrylate	73	7.614	7.614	0.000	97	46430	20.0	19.8	
102 Bromoform	173	7.718	7.718	0.000	92	36732	20.0	20.0	
103 Amyl acetate (mixed isomers)	43	8.004	8.004	0.000	91	101084	20.0	20.9	
104 Isopropylbenzene	105	8.077	8.077	0.000	96	232078	20.0	19.8	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	83	140558	50.0	49.9	
106 Bromobenzene	156	8.431	8.431	0.000	95	54280	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	8.596	8.596	0.000	89	75621	20.0	20.0	
108 1,2,3-Trichloropropane	110	8.596	8.596	0.000	86	20742	20.0	19.1	
109 trans-1,4-Dichloro-2-butene	53	8.687	8.687	0.000	91	20603	20.0	19.5	
110 N-Propylbenzene	91	8.730	8.730	0.000	98	274284	20.0	19.4	
111 2-Chlorotoluene	91	8.778	8.778	0.000	95	179959	20.0	21.3	
112 4-Ethyltoluene	105	8.925	8.925	0.000	99	213796	20.0	19.9	
113 4-Chlorotoluene	91	8.967	8.967	0.000	99	196465	20.0	20.1	
114 1,3,5-Trimethylbenzene	105	9.041	9.041	0.000	91	176877	20.0	19.9	
115 Butyl Methacrylate	87	9.358	9.358	0.000	89	74768	20.0	20.2	
116 tert-Butylbenzene	119	9.541	9.541	0.000	88	139932	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	9.620	9.620	0.000	98	177445	20.0	19.7	
118 sec-Butylbenzene	105	9.900	9.900	0.000	98	202034	20.0	19.6	
119 1,3-Dichlorobenzene	146	9.973	9.973	0.000	92	90490	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	97	180402	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.132	10.132	0.000	89	93709	20.0	19.6	
122 4-Isopropyltoluene	119	10.187	10.187	0.000	96	164555	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.278	10.278	0.000	99	178728	20.0	19.7	
124 Benzyl chloride	91	10.400	10.400	0.000	98	143873	20.0	20.0	
125 2,3-Dihydroindene	117	10.553	10.553	0.000	90	171989	20.0	20.0	
126 1,2-Dichlorobenzene	146	10.717	10.717	0.000	93	87321	20.0	19.9	
127 p-Diethylbenzene	119	10.833	10.833	0.000	88	81684	20.0	19.6	
128 n-Butylbenzene	92	10.863	10.863	0.000	97	85431	20.0	20.0	
129 1,2-Dibromo-3-Chloropropane	157	11.888	11.888	0.000	95	14819	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	95	139390	20.0	19.9	
131 1,3,5-Trichlorobenzene	180	12.138	12.138	0.000	95	46931	20.0	19.7	
132 1,2,4-Trichlorobenzene	180	12.778	12.778	0.000	92	43276	20.0	20.1	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	51	15790	20.0	19.5	
134 Naphthalene	128	12.985	12.985	0.000	99	147737	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.211	13.211	0.000	93	34866	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	
S 137 Xylenes, Total	100				0		40.0	39.8	
S 140 Total BTEX	1				0		100.0	100.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.9	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00145

Amount Added: 20.00

Units: uL

ACROLEIN W\_00132

Amount Added: 4.00

Units: uL

GASES Li\_00444

Amount Added: 20.00

Units: uL

524freon\_00044

Amount Added: 20.00

Units: uL

VOA6IS/SURR\_00050

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56946.D

Injection Date: 22-Oct-2021 09:14:54

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 6

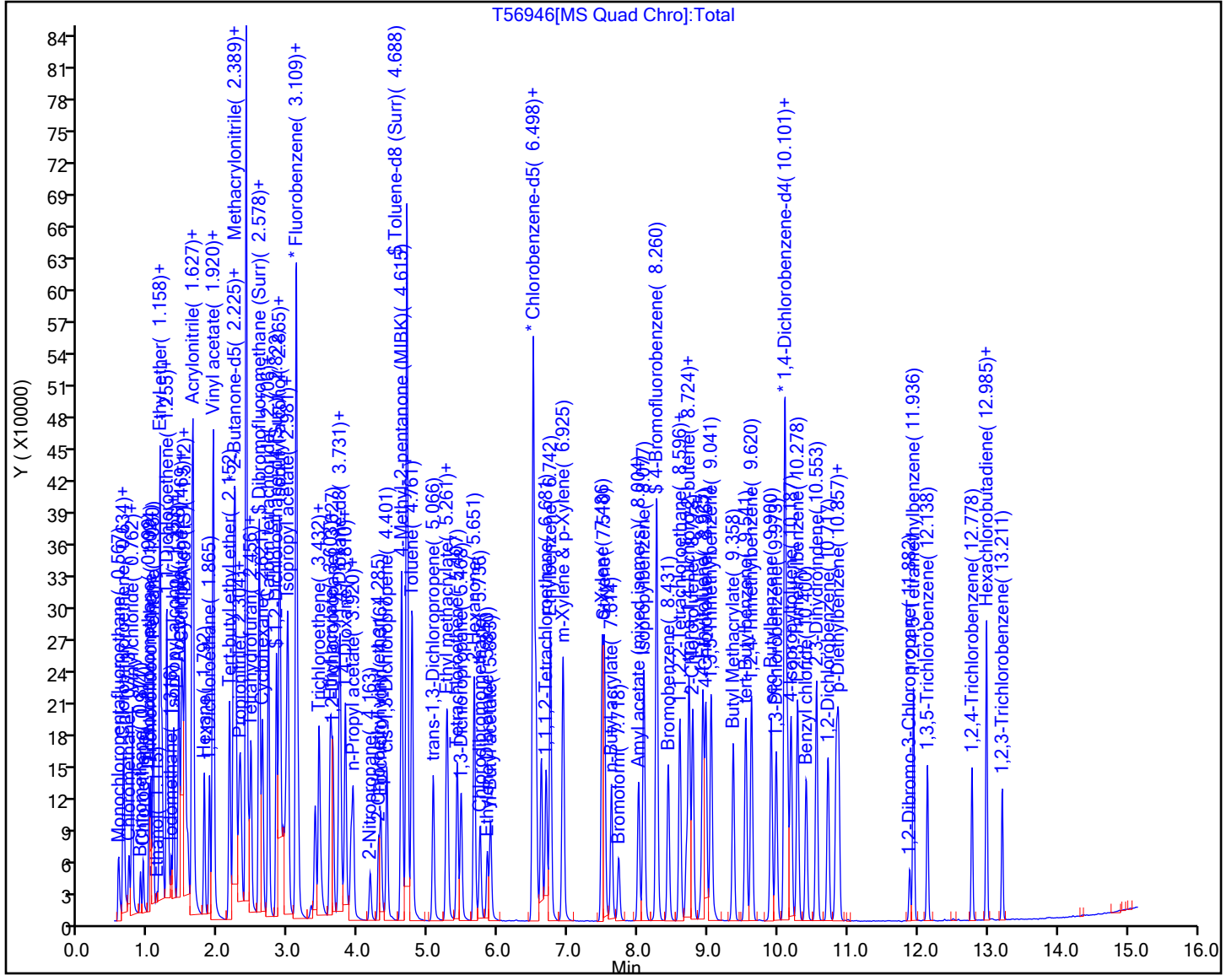
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)





## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56946.D

Injection Date: 22-Oct-2021 09:14:54

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

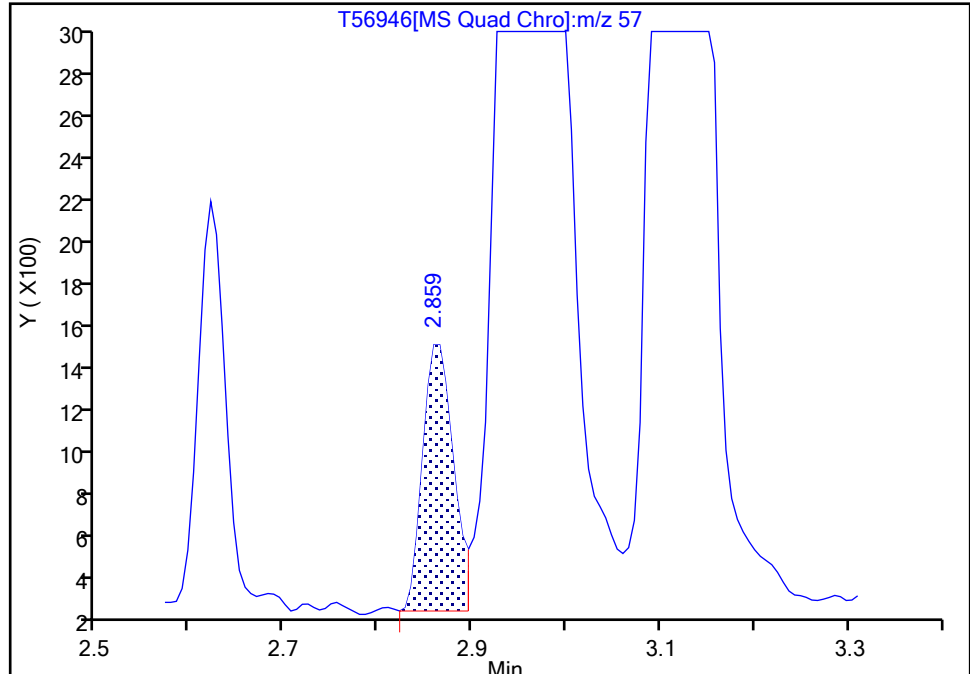
Detector: MS Quad

**62 Isooctane, CAS: 540-84-1**

Signal: 1

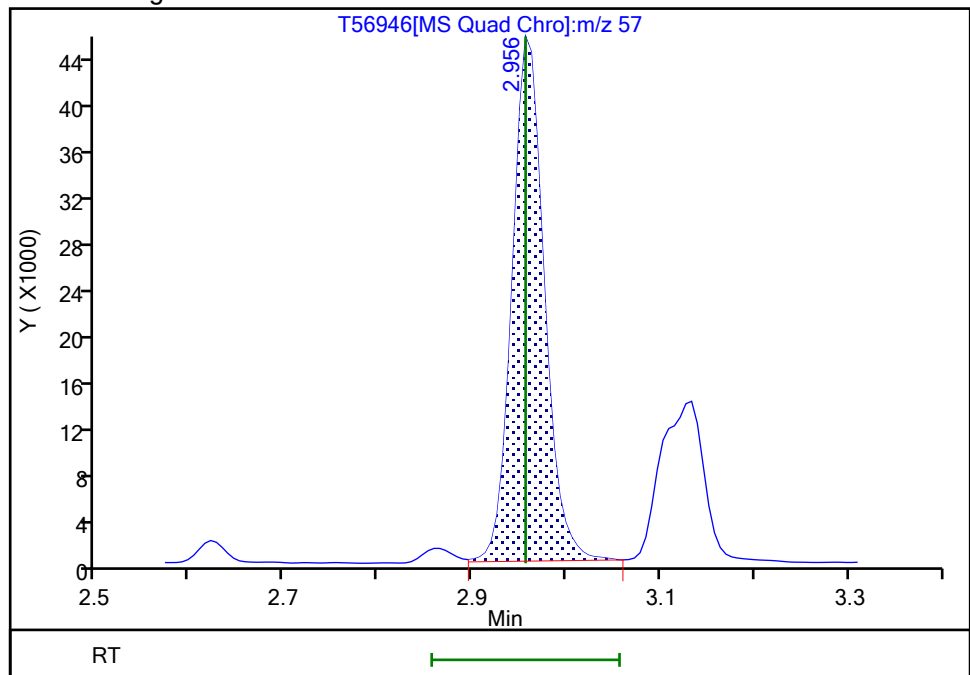
RT: 2.86  
Area: 2904  
Amount: 0.617491  
Amount Units: ug/l

## Processing Integration Results



RT: 2.96  
Area: 107481  
Amount: 19.084699  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:03:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56947.D  
 Lims ID: STD50  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 22-Oct-2021 09:36:00 ALS Bottle#: 0 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD50  
 Misc. Info.: 460-0136419-007  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:37 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 10:00:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.585	0.585	0.000	65	5801	50.0	56.6	
3 Chlorotrifluoroethene	116	0.627	0.621	0.006	65	48744	50.0	50.6	
2 1,1-Difluoroethane	65	0.633	0.628	0.005	98	68373	50.0	48.8	
4 Dichlorodifluoromethane	85	0.639	0.640	-0.001	72	139742	50.0	45.8	
5 Chlorodifluoromethane	67	0.646	0.646	0.000	77	27260	50.0	47.8	
6 Chloromethane	50	0.713	0.713	0.000	88	149714	50.0	45.1	
7 Vinyl chloride	62	0.749	0.749	0.000	98	161953	50.0	48.1	
8 Butadiene	54	0.767	0.762	0.005	94	145882	50.0	48.4	
9 Bromomethane	94	0.877	0.877	0.000	98	29855	50.0	27.6	
10 Chloroethane	64	0.914	0.914	0.000	97	59404	50.0	36.4	
11 Dichlorofluoromethane	67	0.999	0.999	0.000	91	224761	50.0	49.0	
12 Trichlorofluoromethane	101	1.024	1.024	0.000	88	169893	50.0	45.8	
13 Pentane	72	1.060	1.060	0.000	94	34965	100.0	89.8	
14 Ethanol	46	1.121	1.115	0.006	95	28849	2000.0	1809.7	M
15 Ethyl ether	59	1.152	1.152	0.000	57	108473	50.0	47.4	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.158	1.158	0.000	78	118602	50.0	47.2	
17 2-Methyl-1,3-butadiene	53	1.158	1.158	0.000	81	116154	50.0	48.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.182	1.182	0.000	89	210438	50.0	50.2	
19 Acrolein	56	1.206	1.207	-0.001	95	51105	101.4	95.5	
20 1,1-Dichloroethene	96	1.249	1.249	0.000	90	127327	50.0	49.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.255	1.255	0.000	68	120788	50.0	48.5	
22 Acetone	43	1.280	1.280	0.000	88	201364	250.0	221.4	
23 Iodomethane	142	1.322	1.323	-0.001	99	132940	50.0	57.7	
24 Carbon disulfide	76	1.353	1.353	0.000	99	431449	50.0	49.0	
25 Isopropyl alcohol	45	1.359	1.353	0.006	37	86705	500.0	411.1	
26 Acetonitrile	40	1.420	1.414	0.006	82	96162	500.0	489.3	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	94	98563	50.0	52.9	
28 Methyl acetate	43	1.438	1.438	0.000	98	201580	100.0	103.5	
29 Cyclopentene	67	1.469	1.463	0.006	97	335899	50.0	49.0	
30 Methylene Chloride	84	1.487	1.487	0.000	85	145831	50.0	47.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.512	0.005	98	51497	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.560	1.554	0.006	99	154011	500.0	442.3	
33 Acrylonitrile	53	1.615	1.615	0.000	92	545470	500.0	500.1	
34 trans-1,2-Dichloroethene	96	1.633	1.627	0.006	77	148370	50.0	49.5	
35 Methyl tert-butyl ether	73	1.639	1.633	0.006	96	405443	50.0	49.7	
36 Hexane	57	1.792	1.792	0.000	91	145877	50.0	47.4	
37 1,1-Dichloroethane	63	1.865	1.865	0.000	95	265894	50.0	50.1	
38 Vinyl acetate	86	1.908	1.908	0.000	99	60080	100.0	94.5	
39 2-Chloro-1,3-butadiene	88	1.926	1.920	0.006	70	138982	50.0	49.6	
40 Isopropyl ether	45	1.926	1.920	0.006	84	411282	50.0	48.9	
41 Tert-butyl ethyl ether	59	2.151	2.152	-0.001	89	418473	50.0	49.1	
* 42 2-Butanone-d5	46	2.212	2.207	0.006	92	343666	250.0	250.0	
44 2,2-Dichloropropane	97	2.231	2.231	0.000	79	52325	50.0	47.3	
43 cis-1,2-Dichloroethene	96	2.231	2.231	0.000	88	162294	50.0	49.7	
45 2-Butanone (MEK)	43	2.249	2.249	0.000	99	300097	250.0	257.0	
46 Propionitrile	54	2.286	2.286	0.000	98	219151	500.0	536.7	a
47 Ethyl acetate	70	2.304	2.304	0.000	99	34406	100.0	96.1	
48 Methyl acrylate	55	2.322	2.322	0.000	94	150879	50.0	47.1	
50 Methacrylonitrile	67	2.395	2.389	0.006	89	632351	500.0	506.0	
49 Chlorobromomethane	128	2.395	2.396	-0.001	44	64415	50.0	48.7	
51 Tetrahydrofuran	72	2.432	2.432	0.000	76	40798	100.0	91.9	
52 Chloroform	83	2.462	2.456	0.006	100	258926	50.0	49.4	
\$ 53 Dibromofluoromethane (Surr)	113	2.572	2.572	0.000	94	140302	50.0	50.3	
54 1,1,1-Trichloroethane	97	2.584	2.584	0.000	93	228827	50.0	49.6	
55 Cyclohexane	84	2.621	2.621	0.000	89	180956	50.0	46.3	
56 Carbon tetrachloride	117	2.706	2.706	0.000	82	192170	50.0	49.7	
57 1,1-Dichloropropene	75	2.712	2.713	-0.001	96	211671	50.0	49.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.822	2.822	0.000	91	162248	50.0	49.9	
59 Isobutyl alcohol	43	2.865	2.859	0.006	43	142387	1250.0	1382.3	
60 Benzene	78	2.871	2.865	0.006	96	597094	50.0	50.0	
61 1,2-Dichloroethane	62	2.883	2.883	0.000	74	184679	50.0	47.5	
62 Isooctane	57	2.962	2.956	0.006	88	256828	50.0	47.8	
63 Isopropyl acetate	61	2.980	2.981	-0.001	93	57590	50.0	49.8	
64 Tert-amyl methyl ether	73	2.993	2.987	0.006	86	418179	50.0	49.7	
* 65 Fluorobenzene	96	3.109	3.109	0.000	98	550246	50.0	50.0	
66 n-Heptane	43	3.133	3.133	0.000	88	110807	50.0	48.2	
67 Trichloroethene	95	3.432	3.432	0.000	94	160615	50.0	48.9	
68 n-Butanol	56	3.456	3.456	0.000	85	100637	1250.0	1100.1	
69 Ethyl acrylate	55	3.590	3.590	0.000	97	327462	50.0	50.6	
70 Methylcyclohexane	83	3.602	3.603	-0.001	84	179450	50.0	48.3	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	90	150134	50.0	49.5	
72 Dibromomethane	93	3.743	3.737	0.006	66	94000	50.0	49.3	
* 73 1,4-Dioxane-d8	96	3.749	3.743	0.006	83	38438	1000.0	1000.0	
74 1,4-Dioxane	88	3.797	3.798	-0.001	36	42727	1000.0	1003.4	
75 Methyl methacrylate	100	3.810	3.810	0.000	86	84175	100.0	102.6	
76 n-Propyl acetate	43	3.895	3.889	0.006	97	195873	50.0	49.9	
77 Dichlorobromomethane	83	3.919	3.920	-0.001	96	197160	50.0	49.7	
78 2-Nitropropane	41	4.163	4.163	0.000	93	70989	100.0	91.2	
79 2-Chloroethyl vinyl ether	106	4.285	4.285	0.000	96	26901	50.1	52.5	
80 Epichlorohydrin	57	4.316	4.316	0.000	98	285070	1000.0	1093.4	
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	86	247908	50.0	50.3	
82 4-Methyl-2-pentanone (MIBK)	43	4.614	4.615	-0.001	94	644627	250.0	244.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	99	532201	50.0	50.8	
84 Toluene	91	4.767	4.761	0.006	93	627049	50.0	50.1	
85 trans-1,3-Dichloropropene	75	5.065	5.066	-0.001	93	225790	50.0	49.5	
86 Ethyl methacrylate	69	5.254	5.255	-0.001	86	194837	50.0	52.0	
87 1,1,2-Trichloroethane	83	5.273	5.273	0.000	92	110895	50.0	49.1	
88 Tetrachloroethene	166	5.413	5.413	0.000	89	133603	50.0	51.0	
89 1,3-Dichloropropane	76	5.468	5.468	0.000	91	226069	50.0	49.2	
90 2-Hexanone	43	5.651	5.651	0.000	95	469502	250.0	244.1	
91 Chlorodibromomethane	129	5.736	5.736	0.000	96	141146	50.0	49.7	
92 Ethylene Dibromide	107	5.840	5.840	0.000	99	136593	50.0	48.4	
93 n-Butyl acetate	43	5.889	5.883	0.005	98	211313	50.0	49.8	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	388882	50.0	50.0	
95 Chlorobenzene	112	6.535	6.535	0.000	92	366051	50.0	49.0	
96 1,1,1,2-Tetrachloroethane	131	6.681	6.681	0.000	92	132938	50.0	50.0	
97 Ethylbenzene	106	6.742	6.742	0.000	99	198443	50.0	50.4	
98 m-Xylene & p-Xylene	106	6.925	6.925	0.000	97	242390	50.0	49.6	
99 o-Xylene	106	7.486	7.486	0.000	92	229354	50.0	49.5	
100 Styrene	104	7.516	7.517	-0.001	92	396481	50.0	49.8	
101 n-Butyl acrylate	73	7.620	7.614	0.006	98	113518	50.0	49.8	
102 Bromoform	173	7.724	7.718	0.006	93	90955	50.0	51.0	
103 Amyl acetate (mixed isomers)	43	8.004	8.004	0.000	91	245270	50.0	51.9	
104 Isopropylbenzene	105	8.083	8.077	0.006	96	561034	50.0	49.1	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	82	136440	50.0	49.7	
106 Bromobenzene	156	8.431	8.431	0.000	96	134466	50.0	50.1	
107 1,1,2,2-Tetrachloroethane	83	8.595	8.596	-0.001	90	180914	50.0	49.1	
108 1,2,3-Trichloropropane	110	8.595	8.596	-0.001	86	50482	50.0	47.7	
109 trans-1,4-Dichloro-2-butene	53	8.687	8.687	0.000	92	49206	50.0	47.8	
110 N-Propylbenzene	91	8.729	8.730	-0.001	98	700795	50.0	50.9	
111 2-Chlorotoluene	91	8.778	8.778	0.000	95	401132	50.0	48.7	
112 4-Ethyltoluene	105	8.925	8.925	0.000	98	519533	50.0	49.7	
113 4-Chlorotoluene	91	8.967	8.967	0.000	99	482876	50.0	50.8	
114 1,3,5-Trimethylbenzene	105	9.046	9.041	0.005	91	424403	50.0	48.9	
115 Butyl Methacrylate	87	9.363	9.358	0.005	88	184618	50.0	51.1	
116 tert-Butylbenzene	119	9.540	9.541	-0.001	89	338427	50.0	48.9	
117 1,2,4-Trimethylbenzene	105	9.620	9.620	0.000	98	433615	50.0	49.3	
118 sec-Butylbenzene	105	9.900	9.900	0.000	99	491547	50.0	49.0	
119 1,3-Dichlorobenzene	146	9.973	9.973	0.000	93	224516	50.0	50.3	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	96	175787	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.138	10.132	0.006	92	231130	50.0	49.7	
122 4-Isopropyltoluene	119	10.186	10.187	-0.001	96	402332	50.0	50.3	
123 1,2,3-Trimethylbenzene	105	10.284	10.278	0.006	99	435891	50.0	49.2	
124 Benzyl chloride	91	10.406	10.400	0.006	98	346189	50.0	49.4	
125 2,3-Dihydroindene	117	10.552	10.553	-0.001	90	421684	50.0	50.3	
126 1,2-Dichlorobenzene	146	10.717	10.717	0.000	93	215071	50.0	50.3	
127 p-Diethylbenzene	119	10.833	10.833	0.000	89	202965	50.0	50.1	
128 n-Butylbenzene	92	10.863	10.863	0.000	97	211512	50.0	50.9	
129 1,2-Dibromo-3-Chloropropane	157	11.887	11.888	-0.001	97	36428	50.0	49.9	
130 1,2,4,5-Tetramethylbenzene	119	11.942	11.936	0.006	96	347601	50.0	50.8	
131 1,3,5-Trichlorobenzene	180	12.137	12.138	-0.001	95	117250	50.0	50.6	
132 1,2,4-Trichlorobenzene	180	12.777	12.778	-0.001	93	108205	50.0	51.6	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	51	38499	50.0	48.7	
134 Naphthalene	128	12.985	12.985	0.000	99	358256	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.210	13.211	-0.001	95	86684	50.0	51.5	
S 136 1,2-Dichloroethene, Total	100				0		100.0	99.2	
S 137 Xylenes, Total	100				0		100.0	99.1	
S 140 Total BTEX	1				0		250.0	249.6	
S 139 1,3-Dichloropropene, Total	1				0		100.0	99.7	
S 138 Total 1,2-dichloroethene	1				0			99.2	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

8260MIX1COMB_00145	Amount Added: 50.00	Units: uL	
ACROLEIN W_00132	Amount Added: 10.00	Units: uL	
GASES Li_00444	Amount Added: 50.00	Units: uL	
524freon_00044	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56947.D

Injection Date: 22-Oct-2021 09:36:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 7

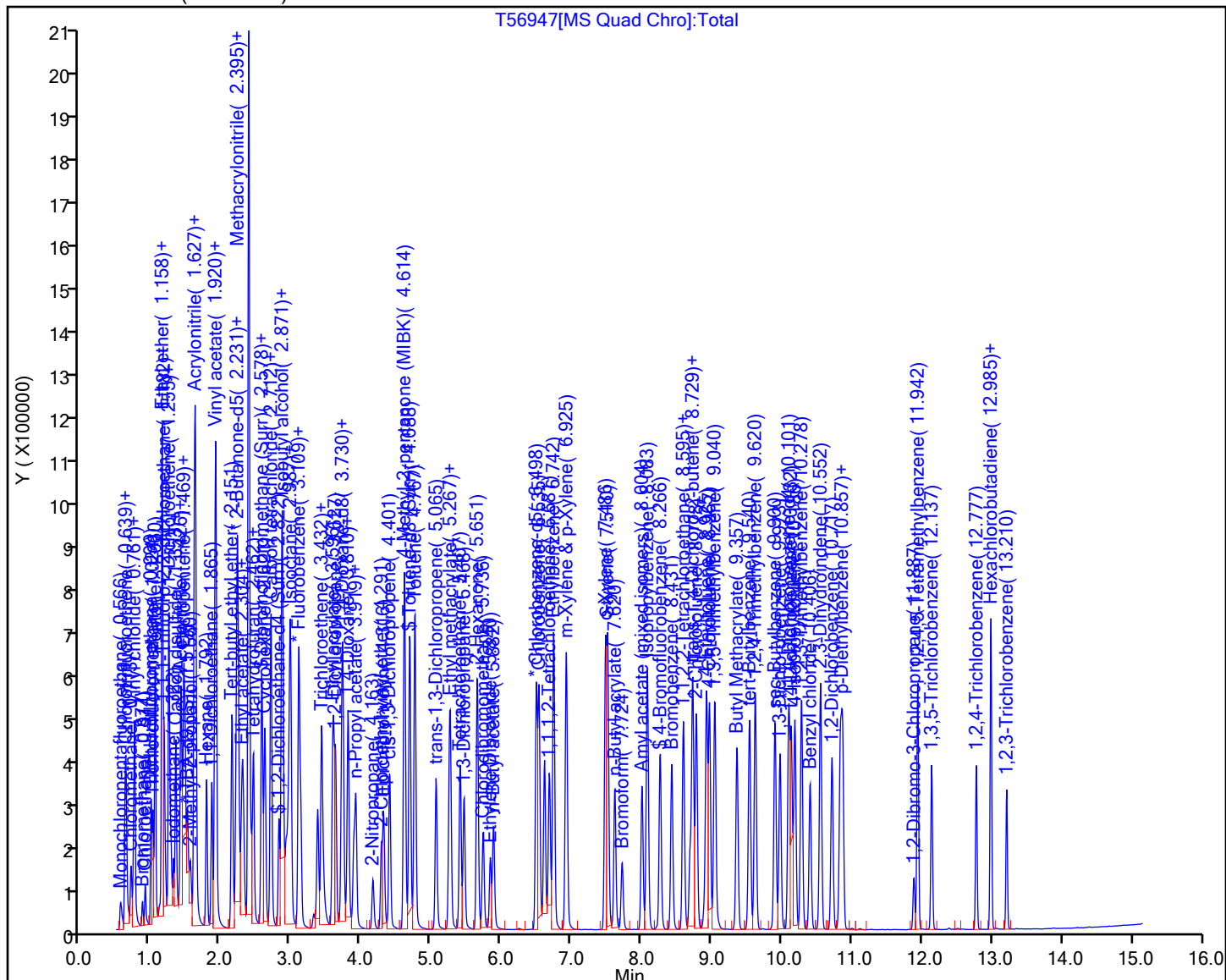
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W 15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56947.D

Injection Date: 22-Oct-2021 09:36:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

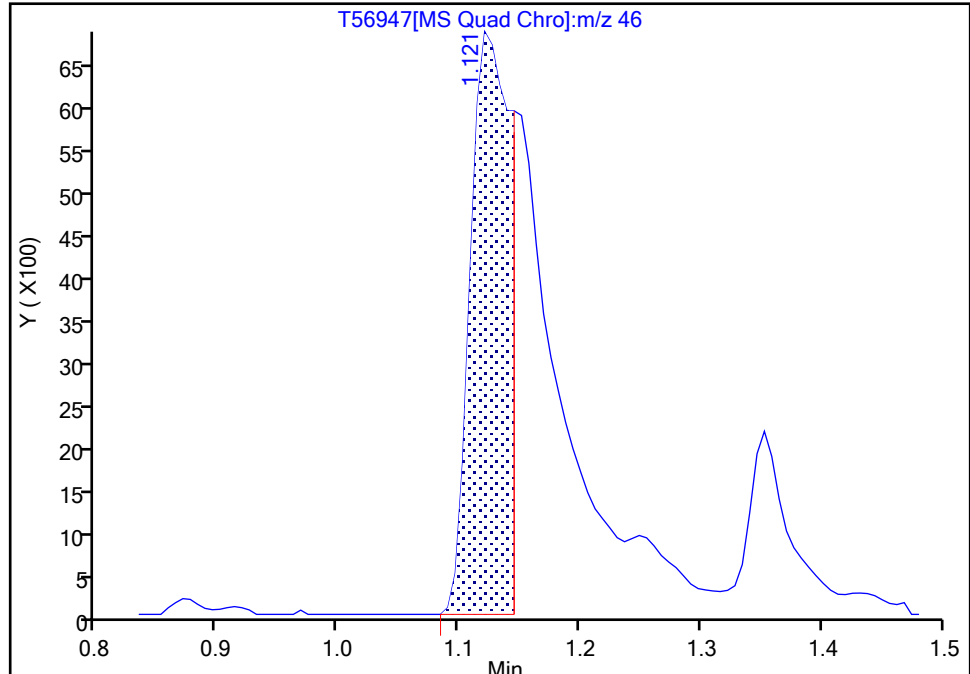
Detector: MS Quad

**14 Ethanol, CAS: 64-17-5**

Signal: 2

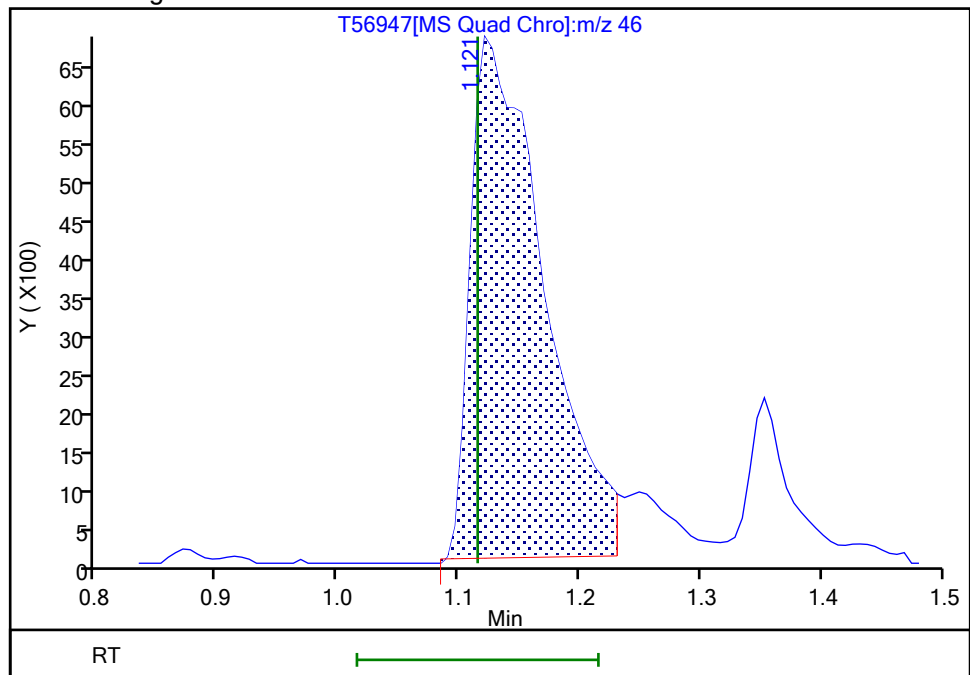
RT: 1.12  
Area: 16183  
Amount: 1086.7875  
Amount Units: ug/l

## Processing Integration Results



RT: 1.12  
Area: 28849  
Amount: 1809.6981  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:00:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56947.D

Injection Date: 22-Oct-2021 09:36:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

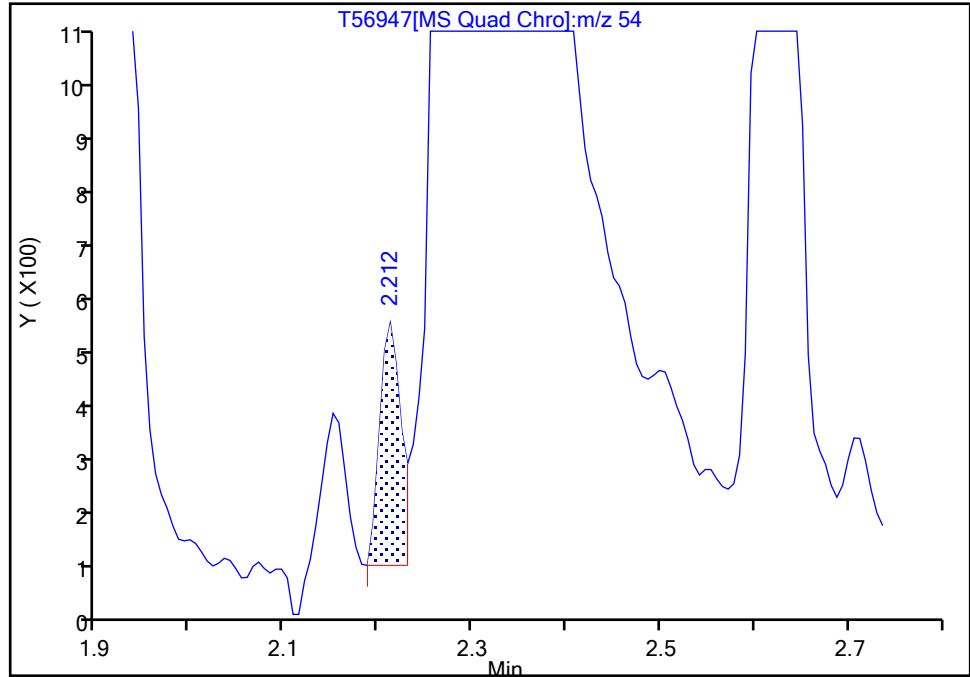
Detector: MS Quad

**46 Propionitrile, CAS: 107-12-0**

Signal: 1

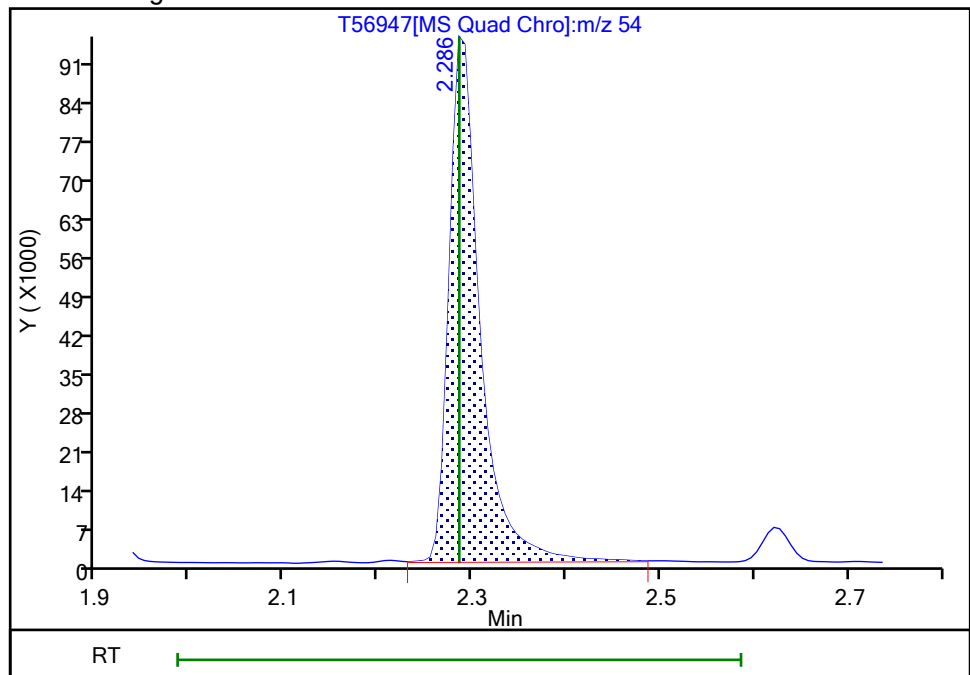
RT: 2.21  
Area: 716  
Amount: 2.121093  
Amount Units: ug/l

## Processing Integration Results



RT: 2.29  
Area: 219151  
Amount: 536.6993  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:00:25

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56948.D  
 Lims ID: STD200  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 22-Oct-2021 09:57:10 ALS Bottle#: 0 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD200  
 Misc. Info.: 460-0136419-008  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:44 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 10:19:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.584	0.585	-0.001	91	17864	200.0	179.2	
3 Chlorotrifluoroethene	116	0.627	0.621	0.006	61	184894	200.0	197.6	
2 1,1-Difluoroethane	65	0.633	0.628	0.005	91	268700	200.0	200.6	
4 Dichlorodifluoromethane	85	0.639	0.640	-0.001	88	722356	200.0	243.6	
5 Chlorodifluoromethane	67	0.645	0.646	-0.001	77	109332	200.0	197.3	
6 Chloromethane	50	0.712	0.713	-0.001	88	730890	200.0	226.6	
7 Vinyl chloride	62	0.749	0.749	0.000	83	699891	200.0	213.7	
8 Butadiene	54	0.767	0.762	0.005	96	629570	200.0	214.7	
9 Bromomethane	94	0.877	0.877	0.000	98	182508	200.0	211.7	
10 Chloroethane	64	0.914	0.914	0.000	97	290428	200.0	193.3	
11 Dichlorofluoromethane	67	0.999	0.999	0.000	91	930810	200.0	208.8	
12 Trichlorofluoromethane	101	1.023	1.024	-0.001	87	768115	200.0	212.9	
13 Pentane	72	1.060	1.060	0.000	96	142976	400.0	377.8	
14 Ethanol	46	1.121	1.115	0.006	95	117824	8000.0	7458.2	
15 Ethyl ether	59	1.151	1.152	-0.001	63	413044	200.0	185.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.157	1.158	-0.001	77	444912	200.0	182.2	
17 2-Methyl-1,3-butadiene	53	1.157	1.158	-0.001	82	446273	200.0	192.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.182	0.006	87	808466	200.0	198.6	
19 Acrolein	56	1.206	1.207	-0.001	82	103766	202.8	195.6	
20 1,1-Dichloroethene	96	1.255	1.249	0.006	90	491578	200.0	194.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.255	1.255	0.000	71	481499	200.0	199.0	
22 Acetone	43	1.279	1.280	-0.001	88	785114	1000.0	937.5	
23 Iodomethane	142	1.322	1.323	-0.001	99	536400	200.0	239.6	
24 Carbon disulfide	76	1.352	1.353	-0.001	99	1653102	200.0	193.0	
25 Isopropyl alcohol	45	1.359	1.353	0.006	35	382468	2000.0	2051.7	
26 Acetonitrile	40	1.413	1.414	-0.001	89	351108	2000.0	1940.0	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	93	317713	200.0	175.4	
28 Methyl acetate	43	1.438	1.438	0.000	98	720410	400.0	380.4	
29 Cyclopentene	67	1.468	1.463	0.005	97	1314833	200.0	197.3	
30 Methylene Chloride	84	1.487	1.487	0.000	86	565167	200.0	188.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.512	0.005	96	51034	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.560	1.554	0.006	99	581777	2000.0	1685.9	
33 Acrylonitrile	53	1.615	1.615	0.000	96	2021079	2000.0	1906.6	
34 trans-1,2-Dichloroethene	96	1.633	1.627	0.006	80	556323	200.0	191.0	
35 Methyl tert-butyl ether	73	1.639	1.633	0.006	96	1482774	200.0	187.2	
36 Hexane	57	1.791	1.792	-0.001	90	577578	200.0	193.2	
37 1,1-Dichloroethane	63	1.865	1.865	0.000	95	1014410	200.0	196.5	
38 Vinyl acetate	86	1.907	1.908	-0.001	100	230653	400.0	393.8	
39 2-Chloro-1,3-butadiene	88	1.926	1.920	0.006	72	538797	200.0	197.9	
40 Isopropyl ether	45	1.926	1.920	0.006	81	1537127	200.0	188.2	
41 Tert-butyl ethyl ether	59	2.157	2.152	0.005	89	1713019	200.0	206.8	
* 42 2-Butanone-d5	46	2.212	2.207	0.006	72	316506	250.0	250.0	
44 2,2-Dichloropropane	97	2.230	2.231	-0.001	78	198586	200.0	184.8	
43 cis-1,2-Dichloroethene	96	2.236	2.231	0.005	89	612901	200.0	193.1	
45 2-Butanone (MEK)	43	2.255	2.249	0.006	98	1130363	1000.0	1051.2	
46 Propionitrile	54	2.291	2.286	0.005	98	821908	2000.0	2031.1	a
47 Ethyl acetate	70	2.310	2.304	0.006	99	133505	400.0	404.7	
48 Methyl acrylate	55	2.328	2.322	0.006	96	656759	200.0	210.9	
50 Methacrylonitrile	67	2.401	2.389	0.012	89	2310397	2000.0	1901.9	
49 Chlorobromomethane	128	2.401	2.396	0.005	44	237303	200.0	184.5	
51 Tetrahydrofuran	72	2.432	2.432	0.000	78	152742	400.0	373.4	
52 Chloroform	83	2.462	2.456	0.006	94	981325	200.0	192.6	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.572	0.006	41	136049	50.0	50.2	
54 1,1,1-Trichloroethane	97	2.584	2.584	0.000	93	879932	200.0	196.2	
55 Cyclohexane	84	2.627	2.621	0.006	89	727610	200.0	191.6	
56 Carbon tetrachloride	117	2.712	2.706	0.006	77	731164	200.0	194.5	
57 1,1-Dichloropropene	75	2.712	2.713	-0.001	96	811100	200.0	195.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.822	0.006	91	158008	50.0	50.0	
59 Isobutyl alcohol	43	2.864	2.859	0.005	45	575873	5000.0	5641.4	
60 Benzene	78	2.870	2.865	0.005	96	2234172	200.0	181.8	
61 1,2-Dichloroethane	62	2.889	2.883	0.006	90	698753	200.0	184.9	
62 Isooctane	57	2.962	2.956	0.006	93	1022920	200.0	195.7	a
63 Isopropyl acetate	61	2.986	2.981	0.005	92	219129	200.0	195.0	
64 Tert-amyl methyl ether	73	2.992	2.987	0.005	83	1583860	200.0	193.9	
* 65 Fluorobenzene	96	3.108	3.109	-0.001	97	534814	50.0	50.0	
66 n-Heptane	43	3.133	3.133	0.000	90	439450	200.0	196.6	
67 Trichloroethene	95	3.431	3.432	-0.001	94	626137	200.0	196.2	
68 n-Butanol	56	3.456	3.456	0.000	87	423529	5000.0	5091.0	
69 Ethyl acrylate	55	3.596	3.590	0.006	96	1280816	200.0	203.7	
70 Methylcyclohexane	83	3.602	3.603	-0.001	80	715524	200.0	198.2	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	90	582070	200.0	197.6	
72 Dibromomethane	93	3.742	3.737	0.005	57	359064	200.0	193.8	
* 73 1,4-Dioxane-d8	96	3.748	3.743	0.005	76	39152	1000.0	1000.0	
74 1,4-Dioxane	88	3.797	3.798	-0.001	38	160955	4000.0	3711.0	
75 Methyl methacrylate	100	3.815	3.810	0.005	85	328446	400.0	411.7	
76 n-Propyl acetate	43	3.895	3.889	0.006	97	742752	200.0	194.6	
77 Dichlorobromomethane	83	3.925	3.920	0.005	96	775450	200.0	201.2	
78 2-Nitropropane	41	4.169	4.163	0.006	97	285778	400.0	377.8	
79 2-Chloroethyl vinyl ether	106	4.291	4.285	0.006	94	107701	200.5	216.3	
80 Epichlorohydrin	57	4.321	4.316	0.005	98	1113827	4000.0	4638.9	
81 cis-1,3-Dichloropropene	75	4.407	4.401	0.006	86	970741	200.0	191.0	
82 4-Methyl-2-pentanone (MIBK)	43	4.620	4.615	0.005	95	2495340	1000.0	1026.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	4.693	4.688	0.005	99	524486	50.0	48.6	
84 Toluene	91	4.766	4.761	0.005	94	2408235	200.0	186.7	
85 trans-1,3-Dichloropropene	75	5.071	5.066	0.005	93	899148	200.0	191.3	
86 Ethyl methacrylate	69	5.260	5.255	0.005	85	756651	200.0	196.1	
87 1,1,2-Trichloroethane	83	5.272	5.273	-0.001	91	429740	200.0	184.8	
88 Tetrachloroethene	166	5.413	5.413	0.000	89	527619	200.0	195.4	
89 1,3-Dichloropropane	76	5.468	5.468	0.000	91	879930	200.0	185.7	
90 2-Hexanone	43	5.657	5.651	0.006	94	1783687	1000.0	1007.0	
91 Chlorodibromomethane	129	5.742	5.736	0.006	96	558305	200.0	190.7	
92 Ethylene Dibromide	107	5.846	5.840	0.006	98	541010	200.0	186.2	
93 n-Butyl acetate	43	5.888	5.883	0.005	99	827293	200.0	189.2	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	400588	50.0	50.0	
95 Chlorobenzene	112	6.541	6.535	0.006	92	1471265	200.0	191.1	
96 1,1,1,2-Tetrachloroethane	131	6.687	6.681	0.006	92	529593	200.0	193.4	
97 Ethylbenzene	106	6.748	6.742	0.006	98	786252	200.0	193.8	
98 m-Xylene & p-Xylene	106	6.931	6.925	0.006	97	954822	200.0	189.8	
99 o-Xylene	106	7.492	7.486	0.006	92	909841	200.0	190.6	
100 Styrene	104	7.522	7.517	0.005	93	1570347	200.0	191.5	
101 n-Butyl acrylate	73	7.620	7.614	0.006	98	439859	200.0	187.4	
102 Bromoform	173	7.723	7.718	0.005	93	375411	200.0	204.2	
103 Amyl acetate (mixed isomers)	43	8.010	8.004	0.006	91	934971	200.0	185.4	
104 Isopropylbenzene	105	8.083	8.077	0.006	96	2206361	200.0	187.3	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	82	141598	50.0	50.0	
106 Bromobenzene	156	8.437	8.431	0.006	96	542009	200.0	189.2	
107 1,1,2,2-Tetrachloroethane	83	8.601	8.596	0.005	91	723808	200.0	183.8	
108 1,2,3-Trichloropropane	110	8.601	8.596	0.005	84	199809	200.0	177.0	
109 trans-1,4-Dichloro-2-butene	53	8.693	8.687	0.006	92	208651	200.0	189.9	
110 N-Propylbenzene	91	8.735	8.730	0.005	98	2808506	200.0	191.2	
111 2-Chlorotoluene	91	8.784	8.778	0.006	95	1574057	200.0	179.1	
112 4-Ethyltoluene	105	8.930	8.925	0.005	98	2091843	200.0	187.5	
113 4-Chlorotoluene	91	8.973	8.967	0.006	99	1913890	200.0	188.5	
114 1,3,5-Trimethylbenzene	105	9.046	9.041	0.005	91	1699104	200.0	183.3	
115 Butyl Methacrylate	87	9.363	9.358	0.005	88	760634	200.0	197.1	
116 tert-Butylbenzene	119	9.546	9.541	0.005	89	1357626	200.0	183.8	
117 1,2,4-Trimethylbenzene	105	9.625	9.620	0.005	98	1736947	200.0	185.1	
118 sec-Butylbenzene	105	9.906	9.900	0.006	99	1991257	200.0	185.9	
119 1,3-Dichlorobenzene	146	9.979	9.973	0.006	93	918767	200.0	192.7	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	97	187676	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.137	10.132	0.005	92	950635	200.0	191.3	
122 4-Isopropyltoluene	119	10.192	10.187	0.005	96	1617589	200.0	189.6	
123 1,2,3-Trimethylbenzene	105	10.284	10.278	0.006	99	1793189	200.0	189.7	
124 Benzyl chloride	91	10.406	10.400	0.006	98	1426056	200.0	190.5	
125 2,3-Dihydroindene	117	10.558	10.553	0.005	90	1705713	200.0	190.5	
126 1,2-Dichlorobenzene	146	10.723	10.717	0.006	93	883431	200.0	193.3	
127 p-Diethylbenzene	119	10.839	10.833	0.006	89	829185	200.0	191.7	a
128 n-Butylbenzene	92	10.869	10.863	0.006	97	851828	200.0	192.0	
129 1,2-Dibromo-3-Chloropropane	157	11.887	11.888	-0.001	98	147440	200.0	189.3	
130 1,2,4,5-Tetramethylbenzene	119	11.942	11.936	0.006	96	1402139	200.0	192.1	
131 1,3,5-Trichlorobenzene	180	12.143	12.138	0.005	93	476963	200.0	192.8	
132 1,2,4-Trichlorobenzene	180	12.777	12.778	-0.001	93	421439	200.0	188.2	
133 Hexachlorobutadiene	225	12.984	12.985	-0.001	51	150828	200.0	178.6	
134 Naphthalene	128	12.984	12.985	-0.001	99	1325742	200.0	176.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.210	13.211	-0.001	94	321235	200.0	178.8	
S 136 1,2-Dichloroethene, Total	100				0		400.0	384.1	
S 137 Xylenes, Total	100				0		400.0	380.4	
S 140 Total BTEX	1				0		1000.0	942.6	
S 139 1,3-Dichloropropene, Total	1				0		400.0	382.3	
S 138 Total 1,2-dichloroethene	1				0			384.1	

**QC Flag Legend**

Processing Flags

Review Flags

a - User Assigned ID

**Reagents:**

ACROLEIN W_00132	Amount Added: 20.00	Units: uL	
GAS Hi_00399	Amount Added: 20.00	Units: uL	
Ethanol mix_00057	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00116	Amount Added: 20.00	Units: uL	
MIX I Hi_00143	Amount Added: 20.00	Units: uL	
8FreonHi_00037	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56948.D

Injection Date: 22-Oct-2021 09:57:10

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

8

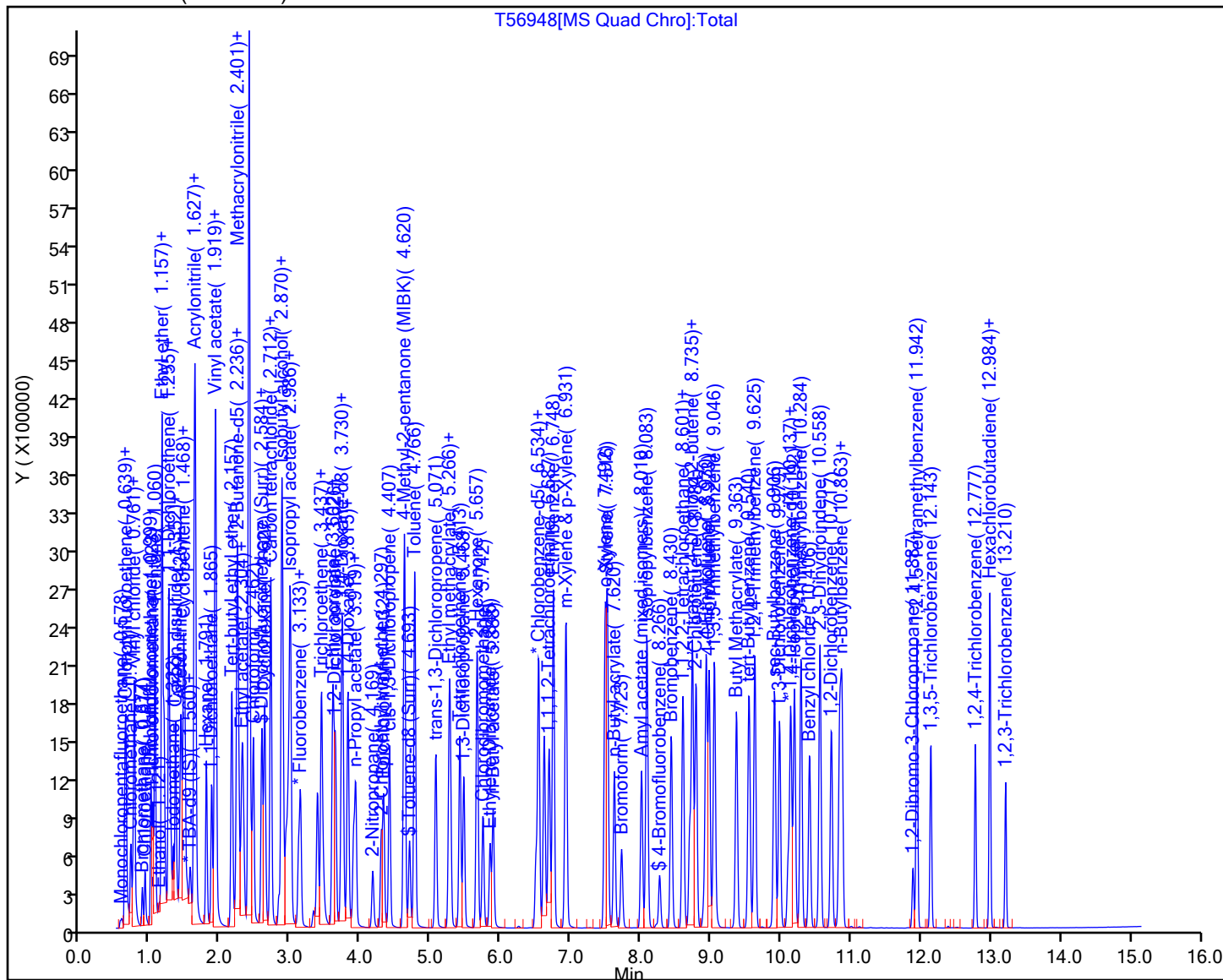
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56948.D

Injection Date: 22-Oct-2021 09:57:10

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

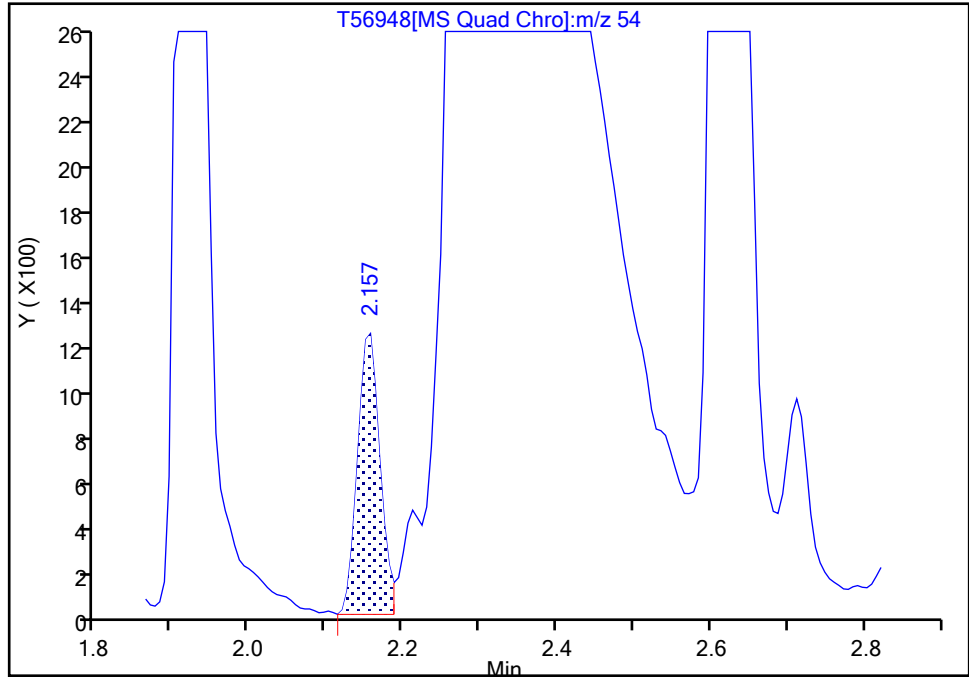
Detector: MS Quad

**46 Propionitrile, CAS: 107-12-0**

Signal: 1

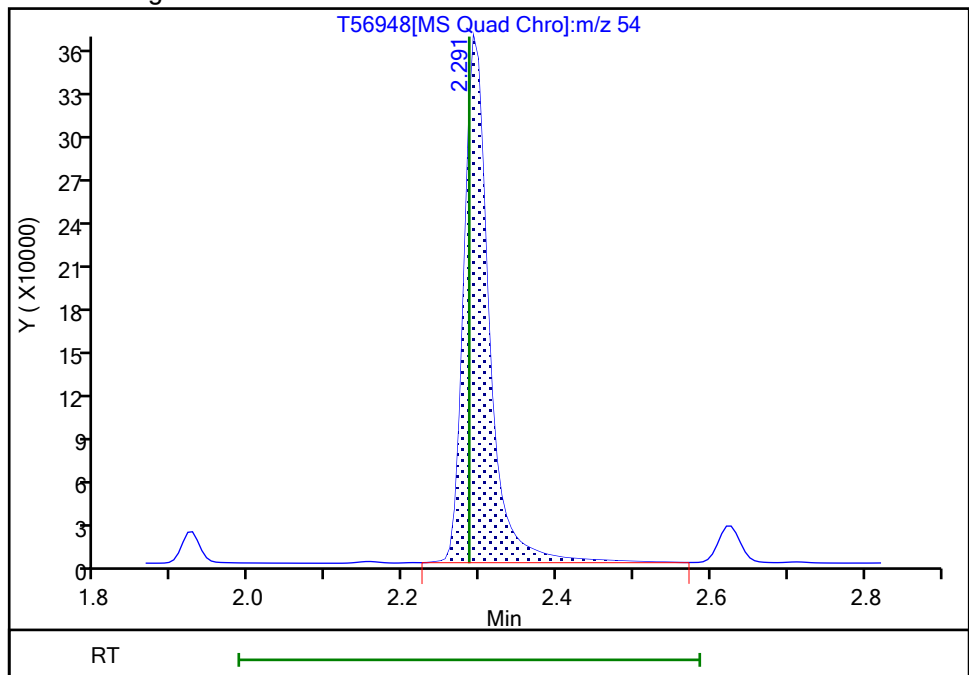
RT: 2.16  
Area: 2419  
Amount: 7.232016  
Amount Units: ug/l

## Processing Integration Results



RT: 2.29  
Area: 821908  
Amount: 2031.1084  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:23:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56948.D

Injection Date: 22-Oct-2021 09:57:10

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

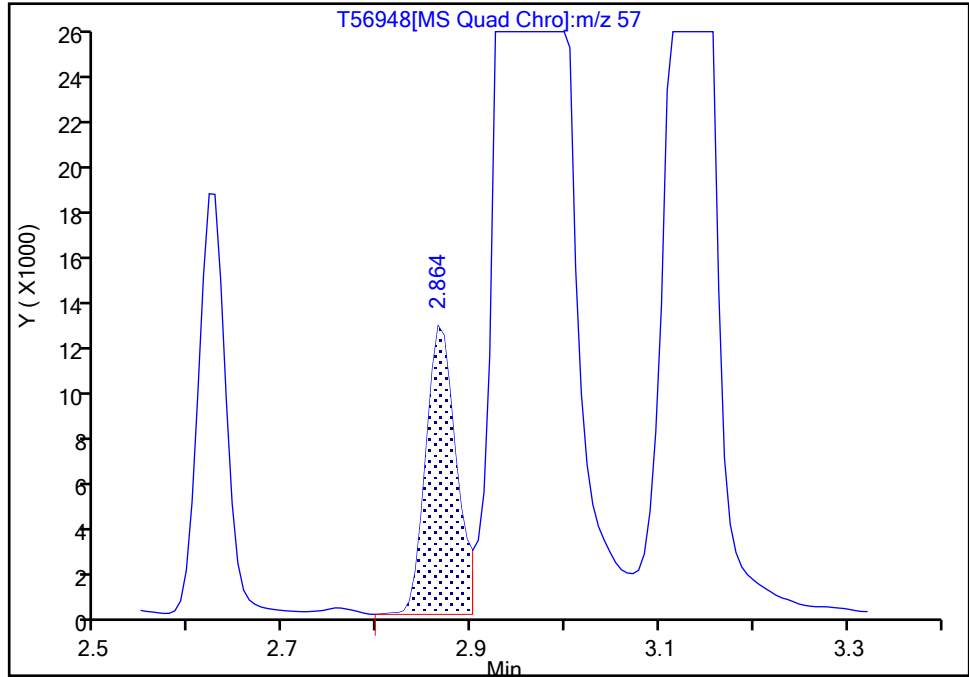
Detector: MS Quad

**62 Isooctane, CAS: 540-84-1**

Signal: 1

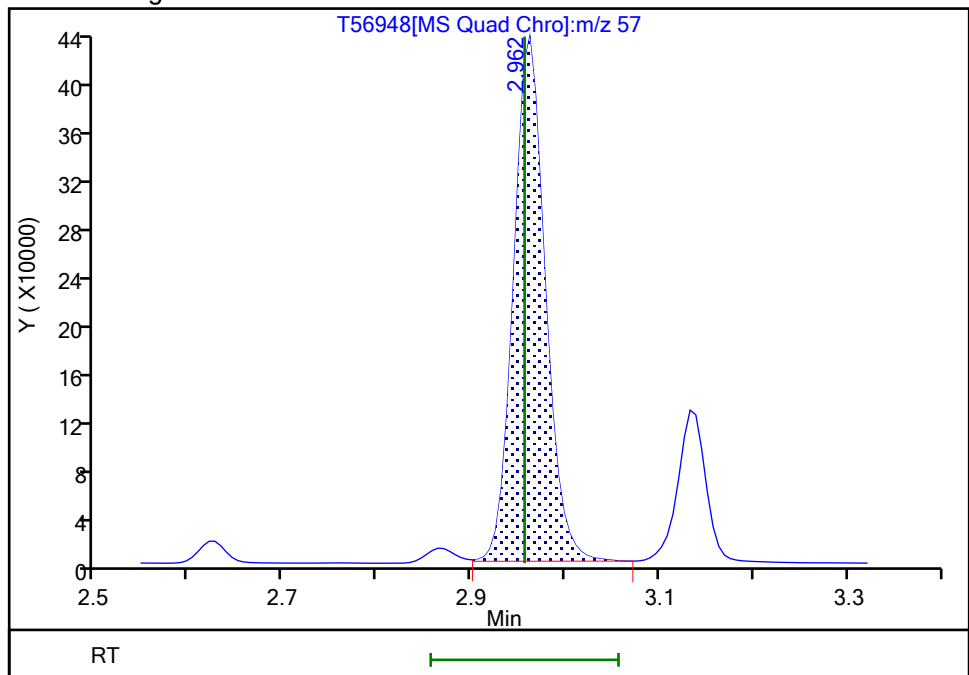
RT: 2.86  
Area: 28326  
Amount: 6.488176  
Amount Units: ug/l

## Processing Integration Results



RT: 2.96  
Area: 1022920  
Amount: 195.6816  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:22:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56948.D

Injection Date: 22-Oct-2021 09:57:10

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

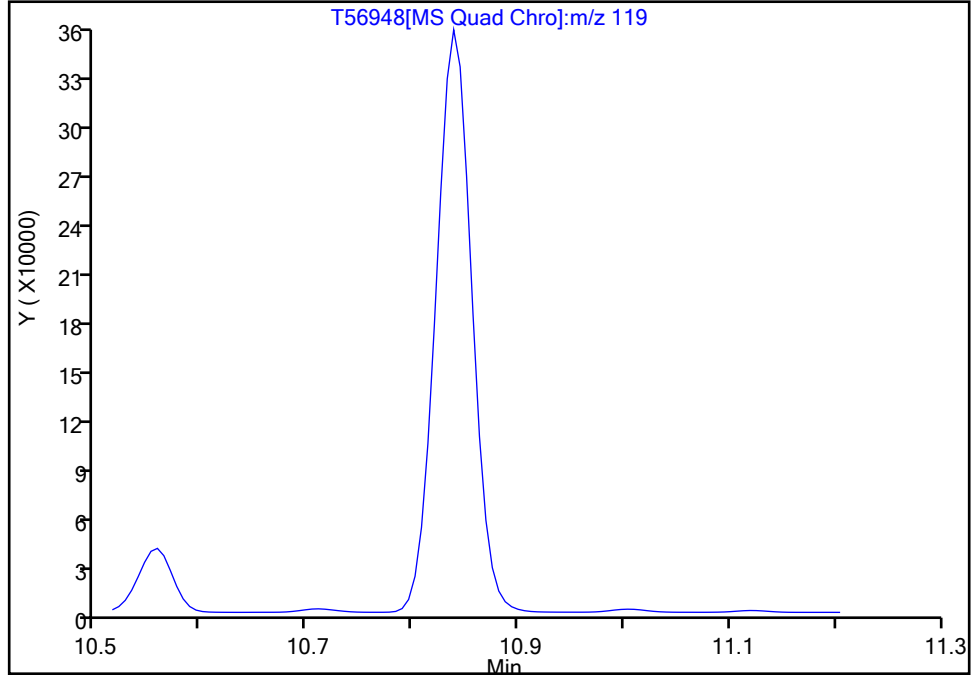
**127 p-Diethylbenzene, CAS: 105-05-5**

Signal: 1

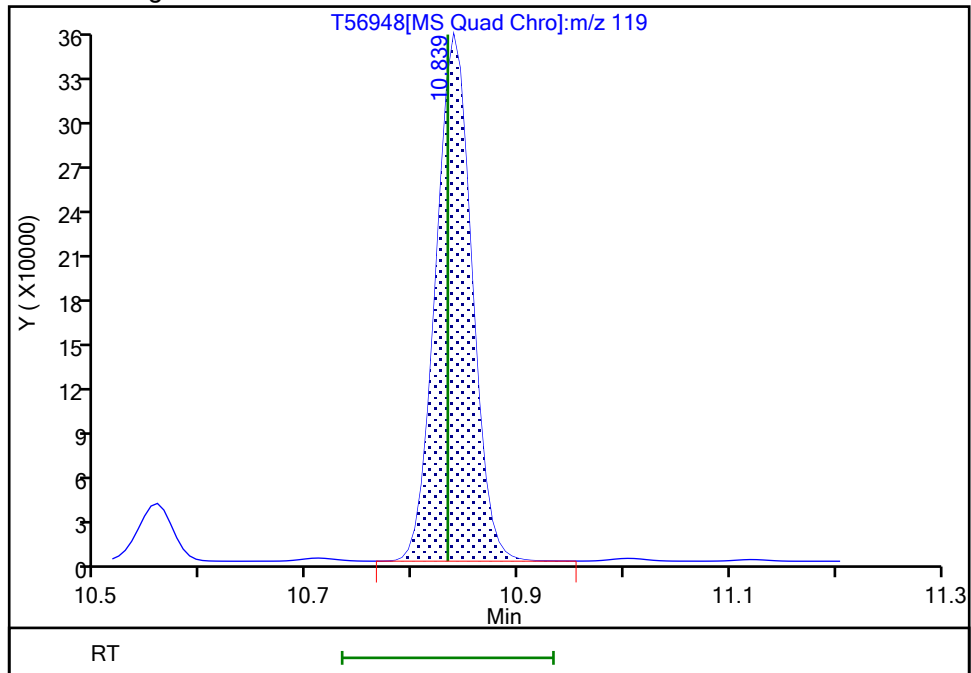
Not Detected

Expected RT: 10.83

## Processing Integration Results



## Manual Integration Results



RT: 10.84

Area: 829185

Amount: 191.7169

Amount Units: ug/l

Reviewer: desais, 22-Oct-2021 10:22:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Lims ID: STD500  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 22-Oct-2021 10:18:19 ALS Bottle#: 0 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD500  
 Misc. Info.: 460-0136419-009  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:24:52 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 10:38:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.585	0.585	0.000	90	46508	500.0	472.3	
3 Chlorotrifluoroethene	116	0.628	0.621	0.007	59	432023	500.0	467.3	
2 1,1-Difluoroethane	65	0.628	0.628	0.000	96	639518	500.0	499.9	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	86	1688937	500.0	576.5	
5 Chlorodifluoromethane	67	0.646	0.646	0.000	77	260952	500.0	476.7	
6 Chloromethane	50	0.713	0.713	0.000	88	1895466	500.0	594.9	
7 Vinyl chloride	62	0.749	0.749	0.000	99	1657264	500.0	512.3	
8 Butadiene	54	0.768	0.762	0.006	95	1440061	500.0	497.2	
9 Bromomethane	94	0.877	0.877	0.000	98	290219	500.0	496.1	
10 Chloroethane	64	0.914	0.914	0.000	96	361276	500.0	269.1	
11 Dichlorofluoromethane	67	0.999	0.999	0.000	91	1834665	500.0	416.6	
12 Trichlorofluoromethane	101	1.024	1.024	0.000	88	1582283	500.0	444.0	
13 Pentane	72	1.054	1.060	-0.006	94	280875	1000.0	751.3	
14 Ethanol	46	1.152	1.115	0.037	41	267334	20000	13694	
15 Ethyl ether	59	1.158	1.152	0.006	49	854272	500.0	388.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.158	1.158	0.000	75	946342	500.0	392.3	
17 2-Methyl-1,3-butadiene	53	1.158	1.158	0.000	85	936847	500.0	409.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.188	1.182	0.006	85	1816978	500.0	451.8	
19 Acrolein	56	1.213	1.207	0.006	65	196762	405.6	300.2	
20 1,1-Dichloroethene	96	1.249	1.249	0.000	90	1114118	500.0	446.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.255	1.255	0.000	73	1062156	500.0	444.3	
22 Acetone	43	1.286	1.280	0.006	90	1827724	2500.0	2442.2	
23 Iodomethane	142	1.323	1.323	0.000	99	1039172	500.0	469.8	
24 Carbon disulfide	76	1.353	1.353	0.000	98	3822133	500.0	451.7	
25 Isopropyl alcohol	45	1.377	1.353	0.024	72	899635	5000.0	4985.5	
26 Acetonitrile	40	1.426	1.414	0.012	82	768871	5000.0	4753.8	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	94	766460	500.0	428.3	
28 Methyl acetate	43	1.444	1.438	0.006	97	1744451	1000.0	932.5	
29 Cyclopentene	67	1.469	1.463	0.006	97	2884218	500.0	438.1	
30 Methylene Chloride	84	1.487	1.487	0.000	85	1318283	500.0	444.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.536	1.512	0.024	90	63066	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.579	1.554	0.025	99	1436272	5000.0	3368.0	
33 Acrylonitrile	53	1.627	1.615	0.012	94	4381337	5000.0	4183.7	
34 trans-1,2-Dichloroethene	96	1.633	1.627	0.006	58	1216875	500.0	422.9	
35 Methyl tert-butyl ether	73	1.646	1.633	0.013	96	3323484	500.0	424.6	
36 Hexane	57	1.792	1.792	0.000	90	1310894	500.0	443.9	
37 1,1-Dichloroethane	63	1.871	1.865	0.006	95	2357264	500.0	462.3	
38 Vinyl acetate	86	1.914	1.908	0.006	99	553426	1000.0	1057.3	
39 2-Chloro-1,3-butadiene	88	1.926	1.920	0.006	65	1191776	500.0	443.1	
40 Isopropyl ether	45	1.932	1.920	0.012	84	3500439	500.0	433.8	
41 Tert-butyl ethyl ether	59	2.158	2.152	0.006	89	3816844	500.0	466.3	
* 42 2-Butanone-d5	46	2.225	2.207	0.019	37	282852	250.0	250.0	
44 2,2-Dichloropropane	97	2.237	2.231	0.006	78	454379	500.0	428.1	
43 cis-1,2-Dichloroethene	96	2.237	2.231	0.006	87	1424764	500.0	454.4	
45 2-Butanone (MEK)	43	2.261	2.249	0.012	99	2781022	2500.0	2893.8	
46 Propionitrile	54	2.310	2.286	0.024	81	1953055	5000.0	3905.6	a
47 Ethyl acetate	70	2.316	2.304	0.012	99	309026	1000.0	1048.3	
48 Methyl acrylate	55	2.335	2.322	0.013	94	1502381	500.0	488.4	
50 Methacrylonitrile	67	2.420	2.389	0.031	88	4921860	5000.0	4101.4	
49 Chlorobromomethane	128	2.402	2.396	0.006	55	565911	500.0	445.4	
51 Tetrahydrofuran	72	2.444	2.432	0.012	71	352031	1000.0	963.0	
52 Chloroform	83	2.475	2.456	0.019	94	2238673	500.0	444.7	
\$ 53 Dibromofluoromethane (Surr)	113	2.584	2.572	0.012	30	124247	50.0	46.4	
54 1,1,1-Trichloroethane	97	2.591	2.584	0.007	91	2036928	500.0	459.8	
55 Cyclohexane	84	2.627	2.621	0.006	89	1666929	500.0	444.3	
56 Carbon tetrachloride	117	2.713	2.706	0.007	80	1650632	500.0	444.5	
57 1,1-Dichloropropene	75	2.719	2.713	0.006	97	1852840	500.0	451.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.834	2.822	0.012	91	138087	50.0	44.2	
59 Isobutyl alcohol	43	2.883	2.859	0.024	45	1349326	12500	10697	
60 Benzene	78	2.871	2.865	0.006	97	5106419	500.0	407.3	
61 1,2-Dichloroethane	62	2.895	2.883	0.012	89	1490594	500.0	399.2	
62 Isooctane	57	2.962	2.956	0.006	95	2369912	500.0	458.9	
63 Isopropyl acetate	61	2.993	2.981	0.012	92	503659	500.0	453.8	
64 Tert-amyl methyl ether	73	2.999	2.987	0.012	82	3686952	500.0	456.8	
* 65 Fluorobenzene	96	3.115	3.109	0.006	95	528341	50.0	50.0	
66 n-Heptane	43	3.139	3.133	0.006	90	1010571	500.0	457.6	
67 Trichloroethene	95	3.438	3.432	0.006	95	1478107	500.0	468.9	
68 n-Butanol	56	3.481	3.456	0.025	83	1069756	12500	12480	
69 Ethyl acrylate	55	3.603	3.590	0.013	96	2896168	500.0	466.2	
70 Methylcyclohexane	83	3.609	3.603	0.006	79	1639677	500.0	459.8	
71 1,2-Dichloropropane	63	3.639	3.633	0.006	91	1372943	500.0	471.8	
72 Dibromomethane	93	3.749	3.737	0.012	49	711795	500.0	389.0	
* 73 1,4-Dioxane-d8	96	3.755	3.743	0.012	68	40777	1000.0	1000.0	
74 1,4-Dioxane	88	3.822	3.798	0.024	31	378547	10000	8379.9	
75 Methyl methacrylate	100	3.822	3.810	0.012	85	770487	1000.0	977.7	
76 n-Propyl acetate	43	3.901	3.889	0.012	97	1843488	500.0	489.0	
77 Dichlorobromomethane	83	3.932	3.920	0.012	96	1827220	500.0	479.9	
78 2-Nitropropane	41	4.176	4.163	0.013	97	690922	1000.0	924.5	
79 2-Chloroethyl vinyl ether	106	4.298	4.285	0.013	95	260584	501.2	529.8	
80 Epichlorohydrin	57	4.340	4.316	0.024	98	2611824	10000	12172	
81 cis-1,3-Dichloropropene	75	4.413	4.401	0.012	86	2306445	500.0	445.0	
82 4-Methyl-2-pentanone (MIBK)	43	4.633	4.615	0.018	95	5798951	2500.0	2668.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	4.700	4.688	0.012	99	520920	50.0	47.3	
84 Toluene	91	4.779	4.761	0.018	94	5539277	500.0	421.0	
85 trans-1,3-Dichloropropene	75	5.078	5.066	0.012	93	2173111	500.0	453.3	
86 Ethyl methacrylate	69	5.267	5.255	0.012	85	1822316	500.0	463.2	
87 1,1,2-Trichloroethane	83	5.285	5.273	0.012	92	1030406	500.0	434.5	
88 Tetrachloroethene	166	5.419	5.413	0.006	88	1235933	500.0	448.7	
89 1,3-Dichloropropane	76	5.474	5.468	0.006	91	2115243	500.0	437.8	
90 2-Hexanone	43	5.675	5.651	0.024	93	4261327	2500.0	2692.1	
91 Chlorodibromomethane	129	5.755	5.736	0.019	96	1369451	500.0	458.6	
92 Ethylene Dibromide	107	5.852	5.840	0.012	98	1327519	500.0	447.9	
93 n-Butyl acetate	43	5.895	5.883	0.012	98	1994869	500.0	447.3	
* 94 Chlorobenzene-d5	117	6.505	6.498	0.006	86	408579	50.0	50.0	
95 Chlorobenzene	112	6.547	6.535	0.012	92	3569261	500.0	454.6	
96 1,1,1,2-Tetrachloroethane	131	6.693	6.681	0.012	93	1290340	500.0	462.0	
97 Ethylbenzene	106	6.761	6.742	0.019	98	1893214	500.0	457.5	
98 m-Xylene & p-Xylene	106	6.937	6.925	0.012	97	2309700	500.0	450.2	
99 o-Xylene	106	7.498	7.486	0.012	92	2220103	500.0	455.9	
100 Styrene	104	7.529	7.517	0.012	92	3754020	500.0	448.9	
101 n-Butyl acrylate	73	7.626	7.614	0.012	98	1062255	500.0	443.7	
102 Bromoform	173	7.730	7.718	0.012	92	939114	500.0	500.8	
103 Amyl acetate (mixed isomers)	43	8.016	8.004	0.012	91	2296883	500.0	458.9	
104 Isopropylbenzene	105	8.096	8.077	0.019	97	5336768	500.0	444.2	
\$ 105 4-Bromofluorobenzene	174	8.272	8.266	0.006	83	148024	50.0	51.3	
106 Bromobenzene	156	8.443	8.431	0.012	96	1349628	500.0	474.7	
107 1,1,2,2-Tetrachloroethane	83	8.608	8.596	0.012	91	1792083	500.0	458.6	
108 1,2,3-Trichloropropane	110	8.608	8.596	0.012	84	491816	500.0	439.0	
109 trans-1,4-Dichloro-2-butene	53	8.705	8.687	0.018	91	533390	500.0	489.0	
110 N-Propylbenzene	91	8.748	8.730	0.018	98	6916841	500.0	474.5	
111 2-Chlorotoluene	91	8.797	8.778	0.019	96	3676162	500.0	421.5	
112 4-Ethyltoluene	105	8.943	8.925	0.018	97	4994916	500.0	451.2	
113 4-Chlorotoluene	91	8.986	8.967	0.019	98	4602365	500.0	456.8	
114 1,3,5-Trimethylbenzene	105	9.059	9.041	0.018	92	4074005	500.0	442.9	
115 Butyl Methacrylate	87	9.376	9.358	0.018	88	1862213	500.0	486.3	
116 tert-Butylbenzene	119	9.553	9.541	0.012	88	3329980	500.0	454.2	
117 1,2,4-Trimethylbenzene	105	9.638	9.620	0.018	98	4179353	500.0	448.8	
118 sec-Butylbenzene	105	9.919	9.900	0.018	98	4837384	500.0	455.0	
119 1,3-Dichlorobenzene	146	9.992	9.973	0.019	93	2226052	500.0	470.6	
* 120 1,4-Dichlorobenzene-d4	152	10.108	10.101	0.007	95	186253	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.150	10.132	0.018	92	2277308	500.0	461.9	
122 4-Isopropyltoluene	119	10.205	10.187	0.018	96	3935708	500.0	464.7	
123 1,2,3-Trimethylbenzene	105	10.296	10.278	0.018	99	4205989	500.0	448.2	
124 Benzyl chloride	91	10.418	10.400	0.018	98	3327238	500.0	447.8	
125 2,3-Dihydroindene	117	10.571	10.553	0.018	89	4004178	500.0	450.6	
126 1,2-Dichlorobenzene	146	10.729	10.717	0.012	93	2111197	500.0	465.6	
127 p-Diethylbenzene	119	10.845	10.833	0.012	89	1986248	500.0	462.8	a
128 n-Butylbenzene	92	10.876	10.863	0.013	97	2025961	500.0	460.1	
129 1,2-Dibromo-3-Chloropropane	157	11.888	11.888	0.000	98	364056	500.0	471.0	
130 1,2,4,5-Tetramethylbenzene	119	11.943	11.936	0.007	96	3312720	500.0	457.2	
131 1,3,5-Trichlorobenzene	180	12.144	12.138	0.006	93	1118893	500.0	455.8	
132 1,2,4-Trichlorobenzene	180	12.778	12.778	0.000	91	978275	500.0	440.2	
133 Hexachlorobutadiene	225	12.991	12.985	0.006	52	351435	500.0	419.3	
134 Naphthalene	128	12.985	12.985	0.000	99	2933363	500.0	392.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.211	13.211	0.000	93	723785	500.0	406.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	877.4	
S 137 Xylenes, Total	100				0		1000.0	906.1	
S 140 Total BTEX	1				0		2500.0	2191.9	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	898.3	
S 138 Total 1,2-dichloroethene	1				0			877.4	

**QC Flag Legend**

Processing Flags

Review Flags

a - User Assigned ID

**Reagents:**

ACROLEIN W_00132	Amount Added: 40.00	Units: uL	
GAS Hi_00399	Amount Added: 50.00	Units: uL	
Ethanol mix_00057	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00116	Amount Added: 50.00	Units: uL	
MIX I Hi_00143	Amount Added: 50.00	Units: uL	
8FreonHi_00037	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D

Injection Date: 22-Oct-2021 10:18:19

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 9

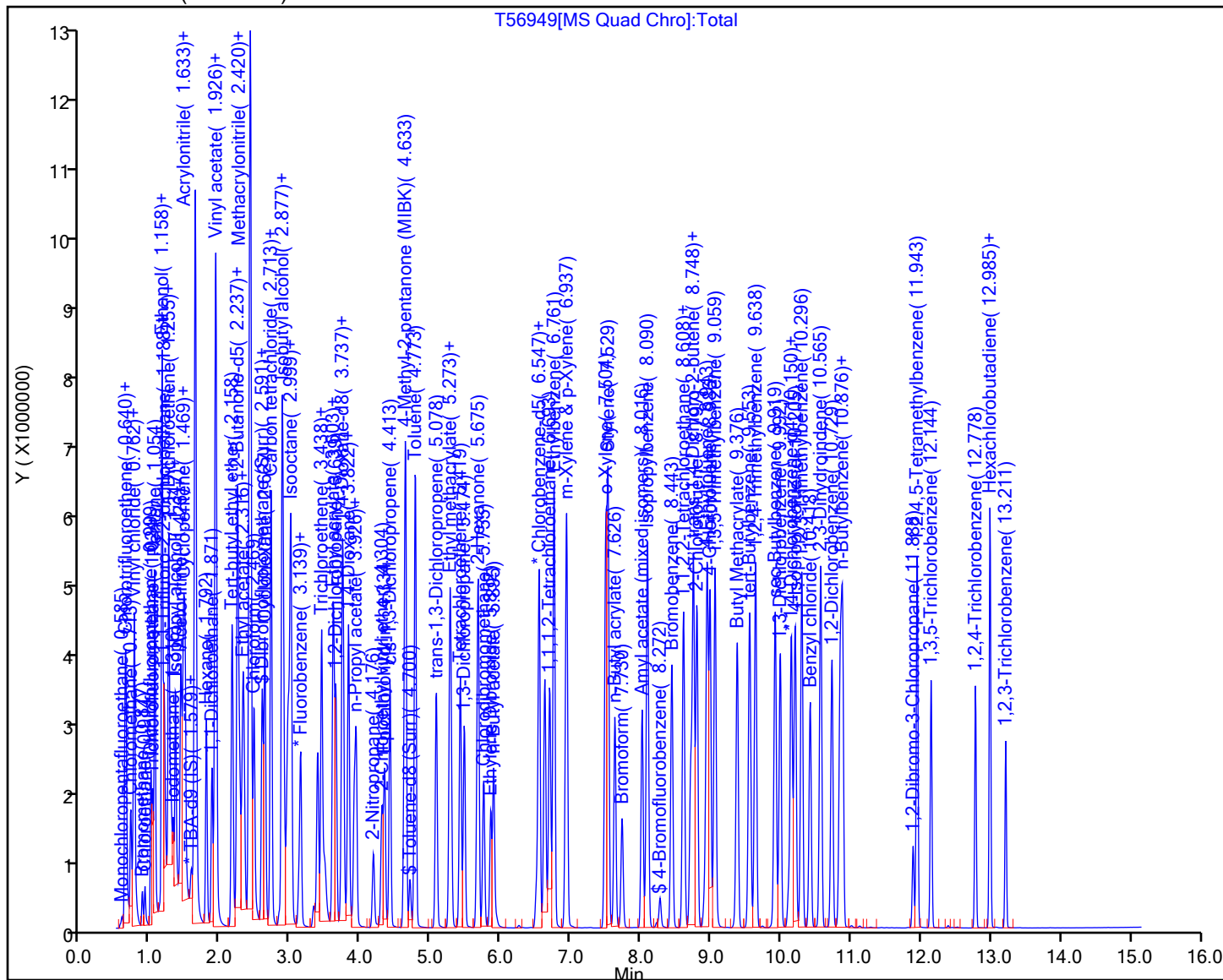
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D

Injection Date: 22-Oct-2021 10:18:19

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

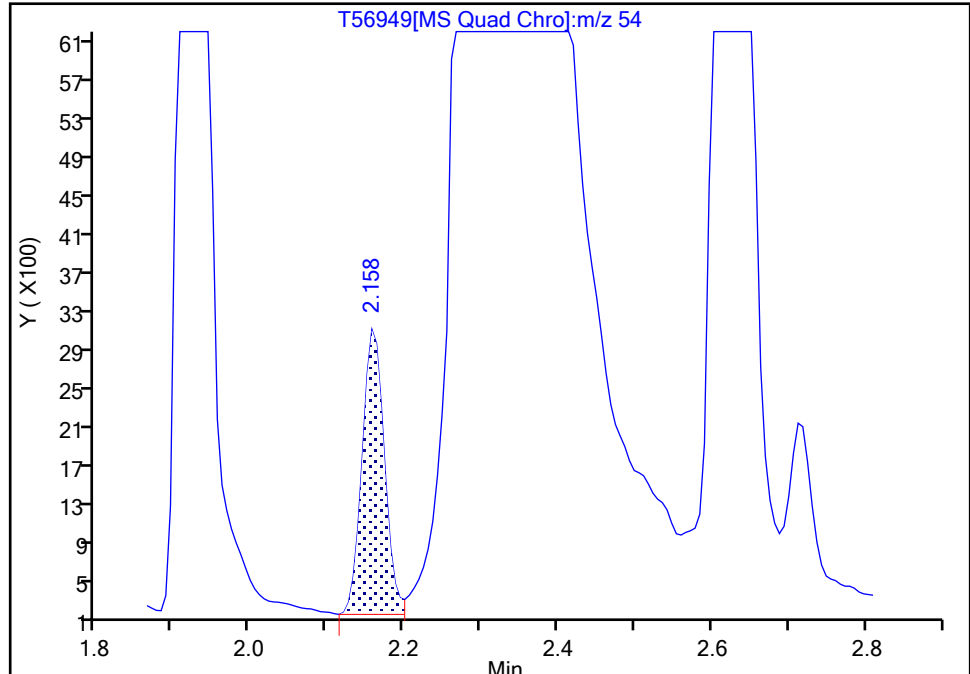
Detector: MS Quad

**46 Propionitrile, CAS: 107-12-0**

Signal: 1

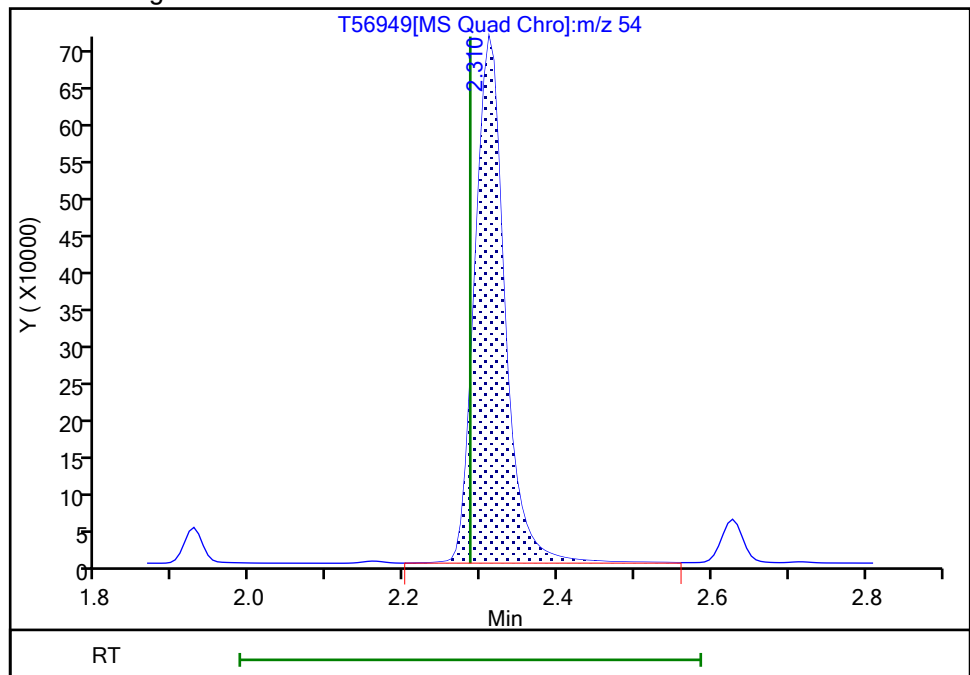
RT: 2.16  
Area: 5891  
Amount: 13.255152  
Amount Units: ug/l

## Processing Integration Results



RT: 2.31  
Area: 1953055  
Amount: 3905.6084  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 10:37:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D

Injection Date: 22-Oct-2021 10:18:19

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

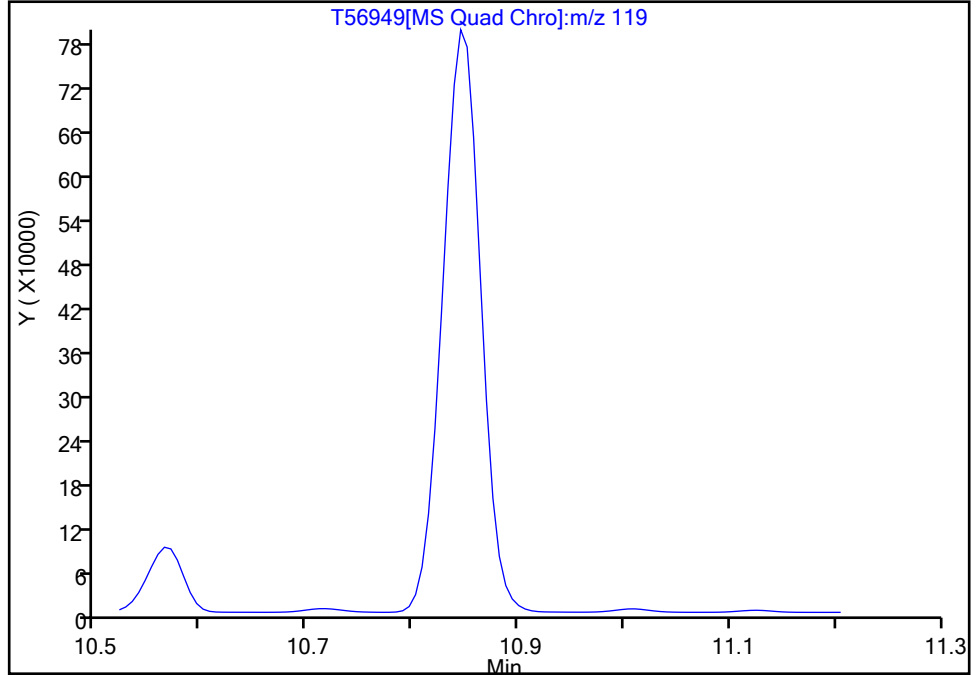
**127 p-Diethylbenzene, CAS: 105-05-5**

Signal: 1

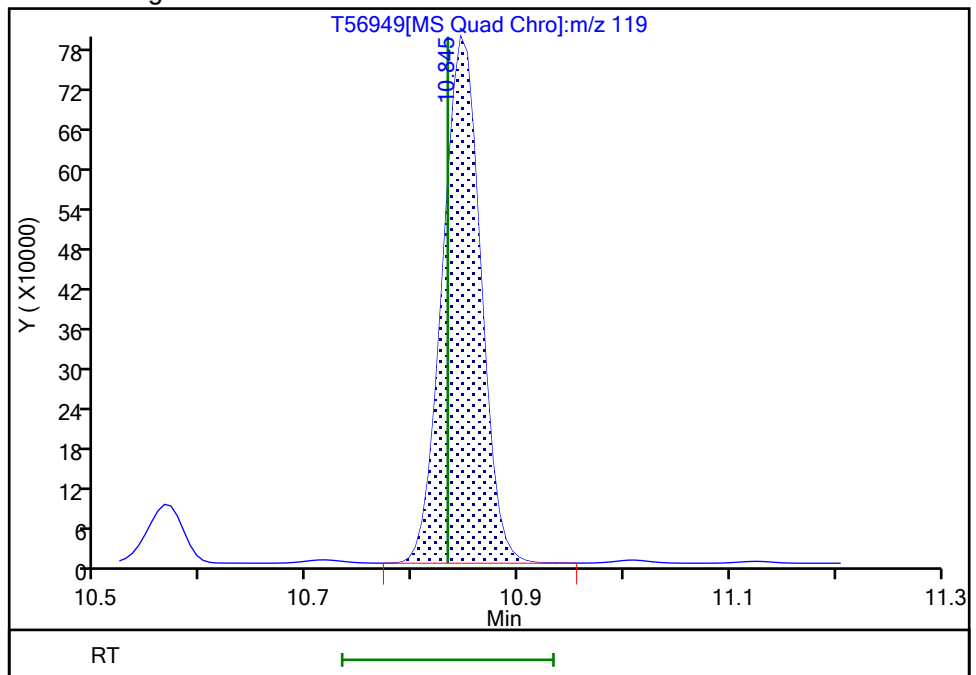
Not Detected

Expected RT: 10.83

## Processing Integration Results



## Manual Integration Results



RT: 10.85

Area: 1986248

Amount: 462.7516

Amount Units: ug/l

Reviewer: desais, 22-Oct-2021 10:38:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

# Calibration

/ Chlorotrifluoroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

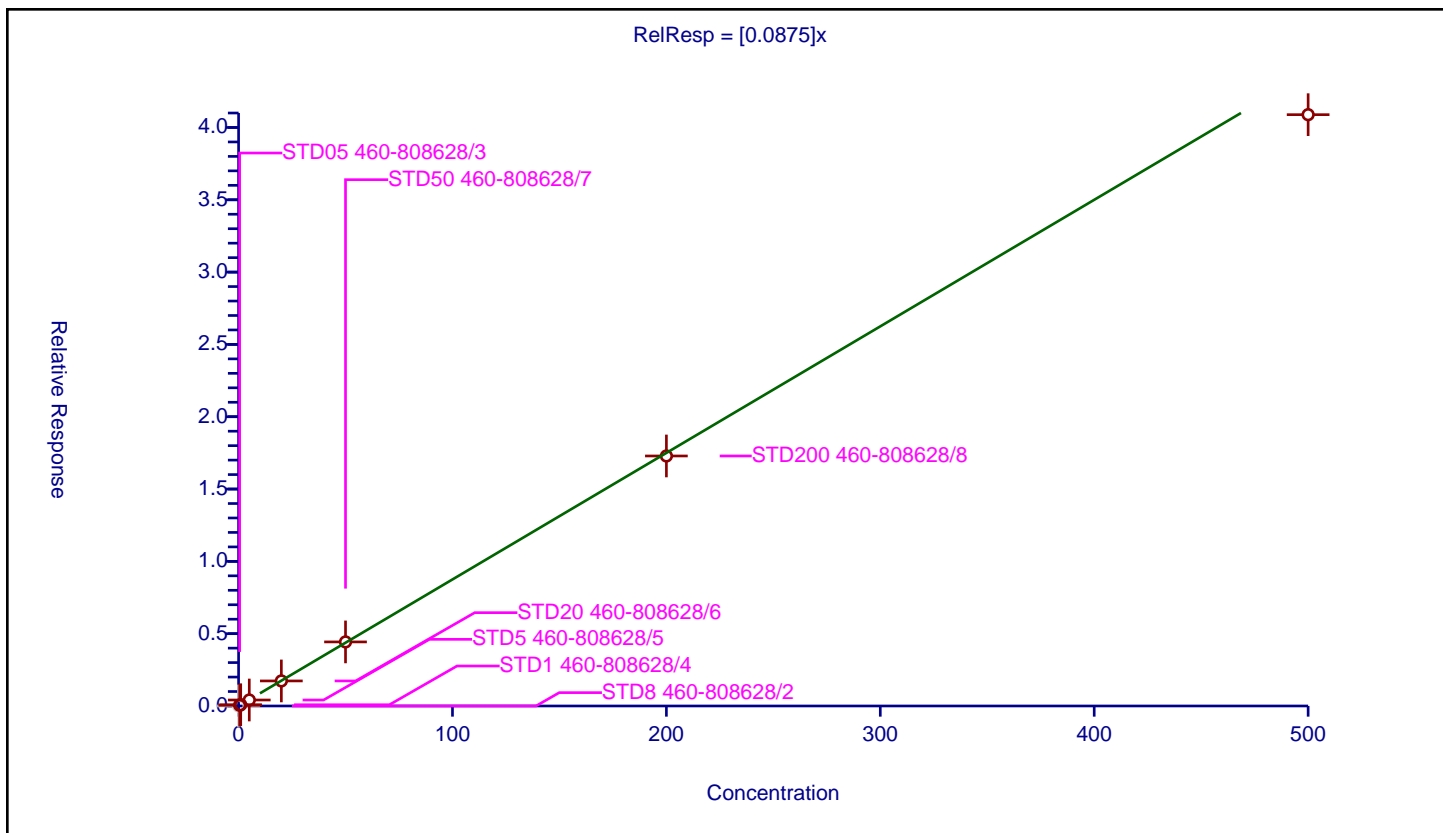
## Curve Coefficients

Intercept: 0  
 Slope: 0.0875

## Error Coefficients

Standard Error: 193000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.050726	50.0	585497.0	0.101452	Y
3	STD1 460-808628/4	1.0	0.084931	50.0	582823.0	0.084931	Y
4	STD5 460-808628/5	5.0	0.41344	50.0	587873.0	0.082688	Y
5	STD20 460-808628/6	20.0	1.732187	50.0	576179.0	0.086609	Y
6	STD50 460-808628/7	50.0	4.429292	50.0	550246.0	0.088586	Y
7	STD200 460-808628/8	200.0	17.285823	50.0	534814.0	0.086429	Y
8	STD500 460-808628/9	500.0	40.884864	50.0	528341.0	0.08177	Y





# Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

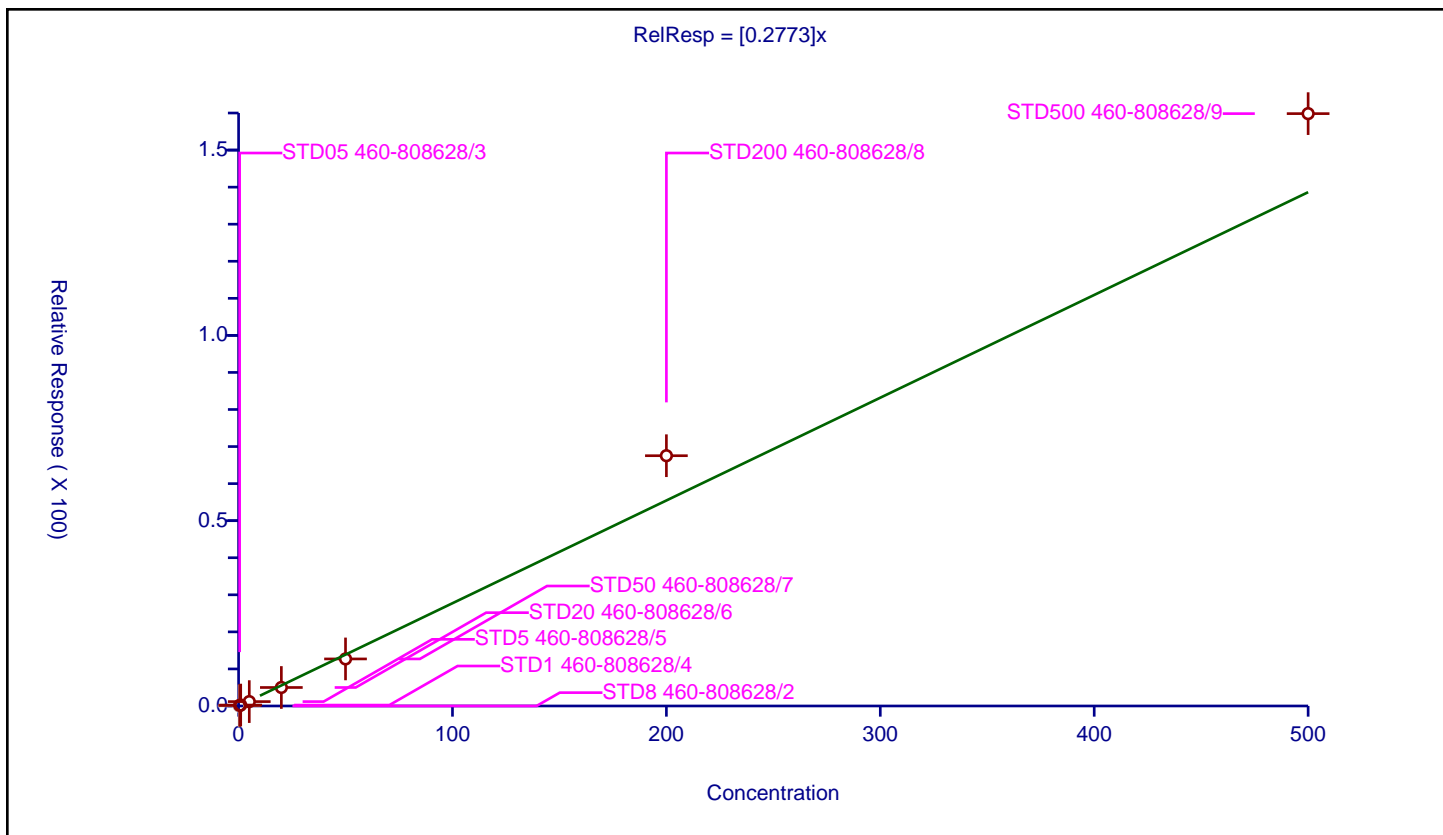
## Curve Coefficients

Intercept: 0  
 Slope: 0.2773

## Error Coefficients

Standard Error: 752000  
 Relative Standard Error: 14.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.0	50.0	590254.0	0.0	N
2	STD05 460-808628/3	0.5	0.147225	50.0	585497.0	0.294451	Y
3	STD1 460-808628/4	1.0	0.248189	50.0	582823.0	0.248189	Y
4	STD5 460-808628/5	5.0	1.187161	50.0	587873.0	0.237432	Y
5	STD20 460-808628/6	20.0	4.990116	50.0	576179.0	0.249506	Y
6	STD50 460-808628/7	50.0	12.698139	50.0	550246.0	0.253963	Y
7	STD200 460-808628/8	200.0	67.533385	50.0	534814.0	0.337667	Y
8	STD500 460-808628/9	500.0	159.83399	50.0	528341.0	0.319668	Y



# Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

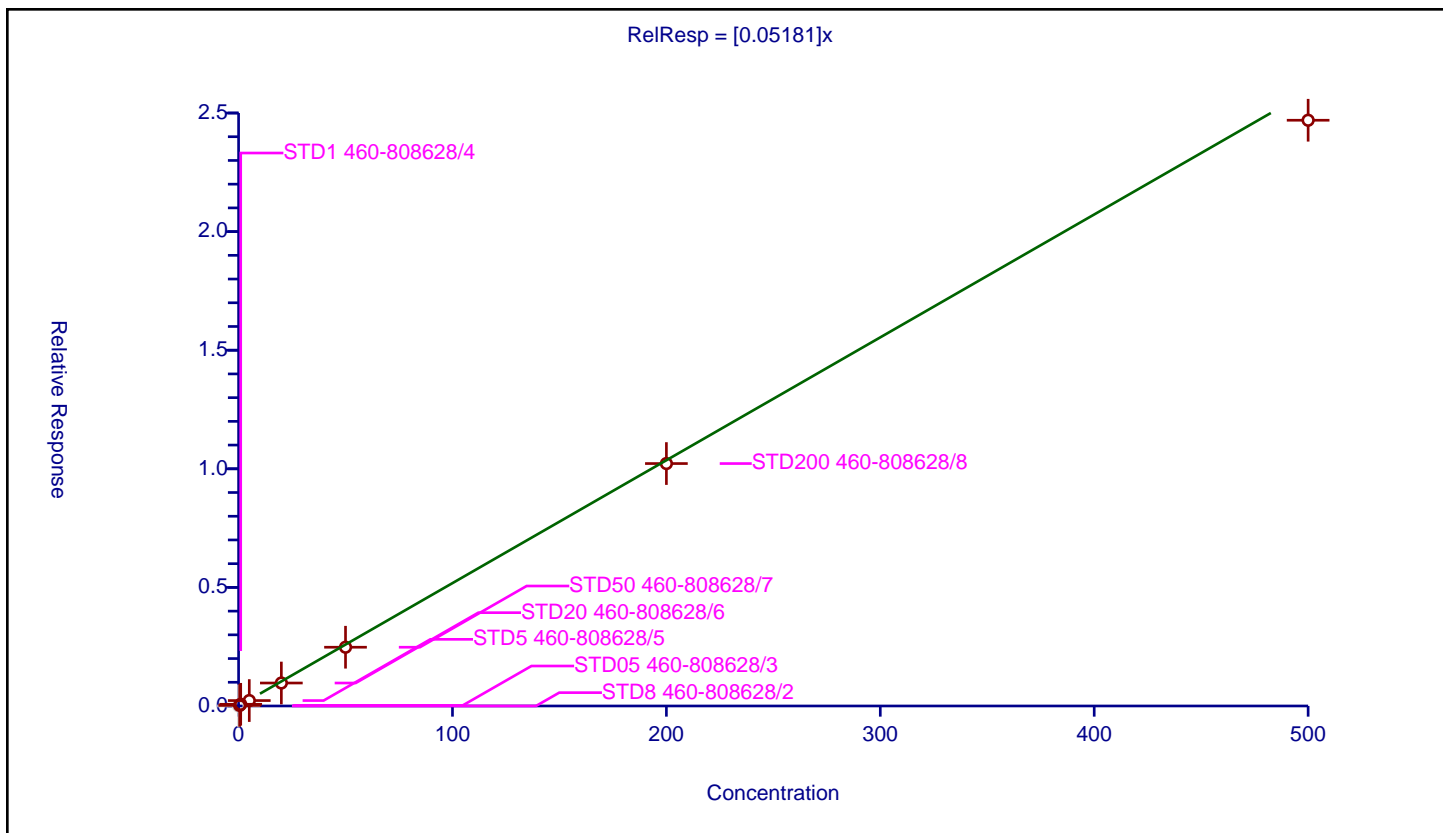
## Curve Coefficients

Intercept: 0  
 Slope: 0.05181

## Error Coefficients

Standard Error: 116000  
 Relative Standard Error: 16.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.023655	50.0	585497.0	0.04731	Y
3	STD1 460-808628/4	1.0	0.071034	50.0	582823.0	0.071034	Y
4	STD5 460-808628/5	5.0	0.229216	50.0	587873.0	0.045843	Y
5	STD20 460-808628/6	20.0	0.968362	50.0	576179.0	0.048418	Y
6	STD50 460-808628/7	50.0	2.477074	50.0	550246.0	0.049541	Y
7	STD200 460-808628/8	200.0	10.221498	50.0	534814.0	0.051107	Y
8	STD500 460-808628/9	500.0	24.695415	50.0	528341.0	0.049391	Y



# Calibration

/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

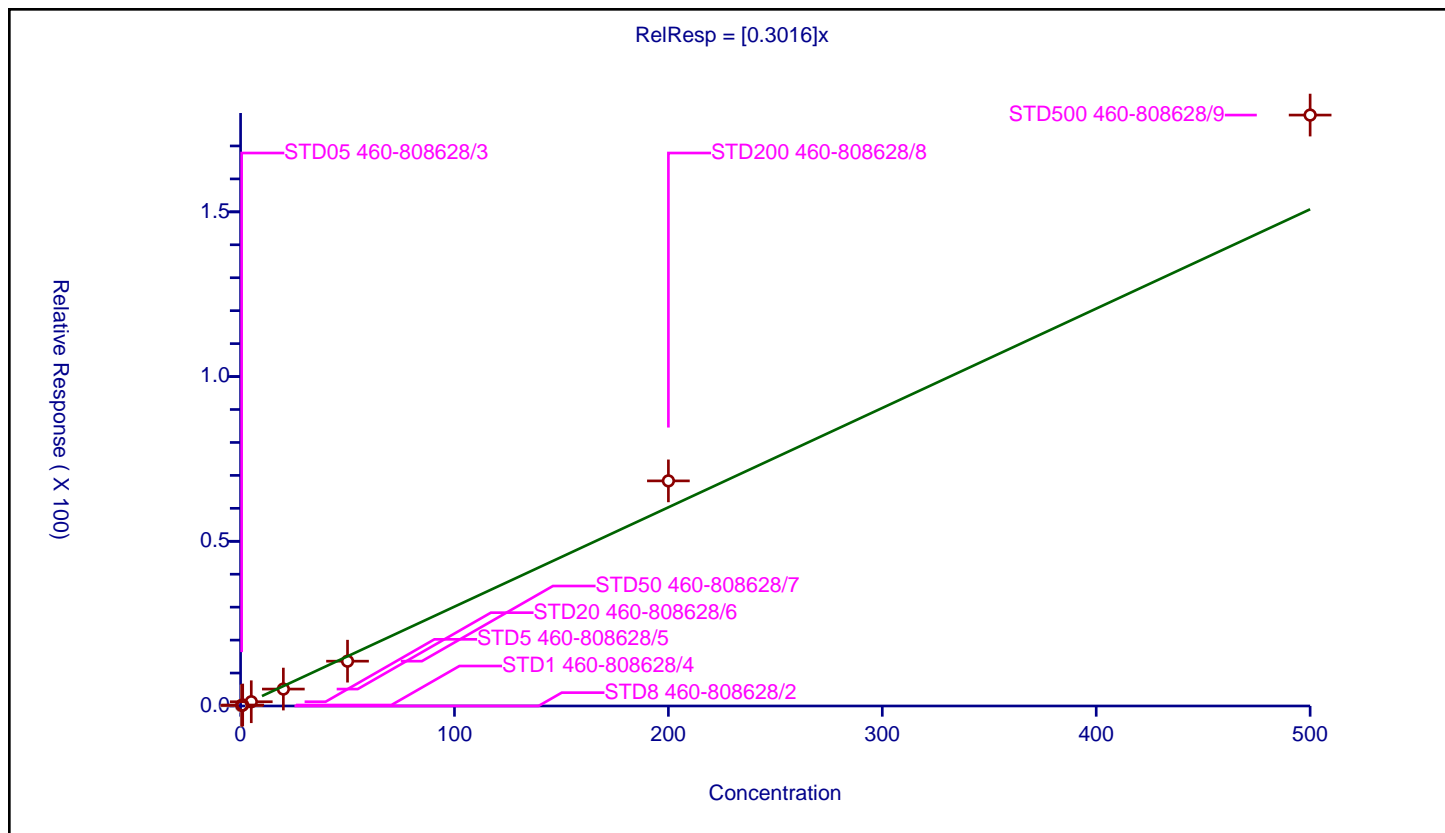
## Curve Coefficients

Intercept: 0  
 Slope: 0.3016

## Error Coefficients

Standard Error: 832000  
 Relative Standard Error: 13.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.0	50.0	590254.0	0.0	N
2	STD05 460-808628/3	0.5	0.162682	50.0	585497.0	0.325365	Y
3	STD1 460-808628/4	1.0	0.297432	50.0	582823.0	0.297432	Y
4	STD5 460-808628/5	5.0	1.293051	50.0	587873.0	0.25861	Y
5	STD20 460-808628/6	20.0	5.139115	50.0	576179.0	0.256956	Y
6	STD50 460-808628/7	50.0	13.604279	50.0	550246.0	0.272086	Y
7	STD200 460-808628/8	200.0	68.331233	50.0	534814.0	0.341656	Y
8	STD500 460-808628/9	500.0	179.379037	50.0	528341.0	0.358758	Y



# Calibration

/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

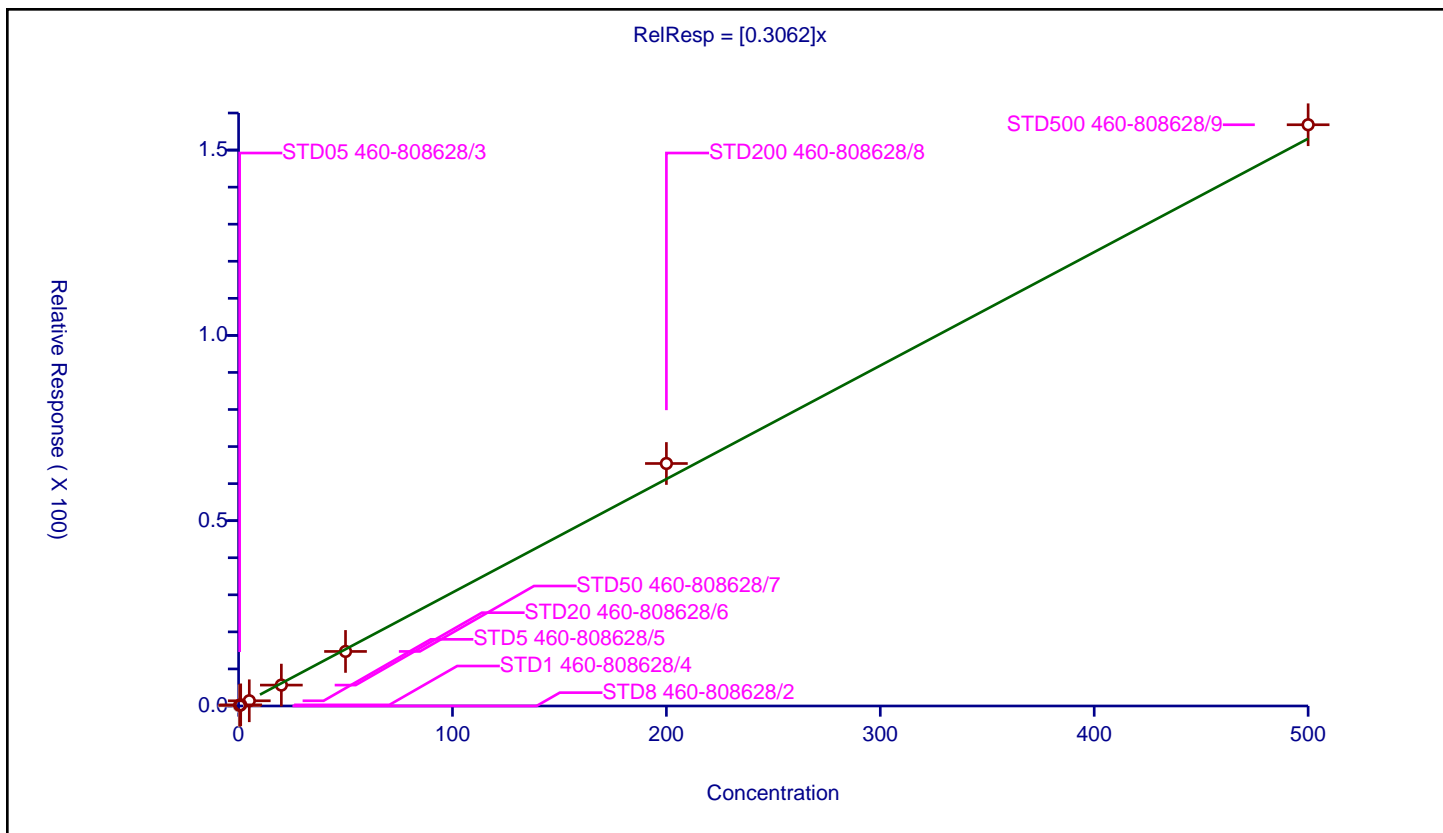
## Curve Coefficients

Intercept: 0  
 Slope: 0.3062

## Error Coefficients

Standard Error: 738000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.0	50.0	590254.0	0.0	N
2	STD05 460-808628/3	0.5	0.170795	50.0	585497.0	0.34159	Y
3	STD1 460-808628/4	1.0	0.302751	50.0	582823.0	0.302751	Y
4	STD5 460-808628/5	5.0	1.409743	50.0	587873.0	0.281949	Y
5	STD20 460-808628/6	20.0	5.634273	50.0	576179.0	0.281714	Y
6	STD50 460-808628/7	50.0	14.716418	50.0	550246.0	0.294328	Y
7	STD200 460-808628/8	200.0	65.433123	50.0	534814.0	0.327166	Y
8	STD500 460-808628/9	500.0	156.836588	50.0	528341.0	0.313673	Y



# Calibration

/ Butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

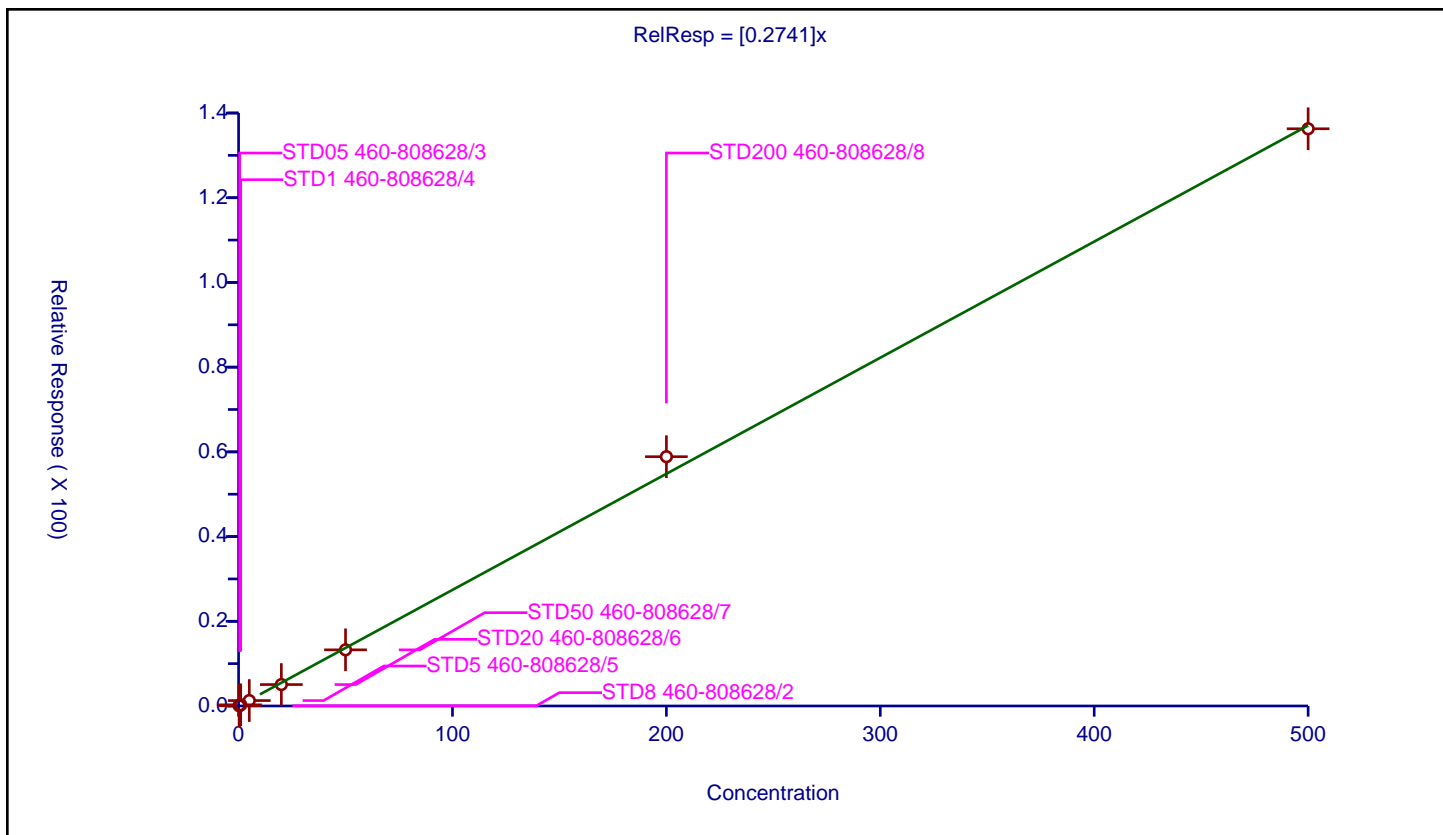
## Curve Coefficients

Intercept: 0  
 Slope: 0.2741

## Error Coefficients

Standard Error: 597000  
 Relative Standard Error: 7.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.065141	50.0	590254.0	0.260566	Y
2	STD05 460-808628/3	0.5	0.1579	50.0	585497.0	0.3158	Y
3	STD1 460-808628/4	1.0	0.275384	50.0	582823.0	0.275384	Y
4	STD5 460-808628/5	5.0	1.280549	50.0	587873.0	0.25611	Y
5	STD20 460-808628/6	20.0	5.058324	50.0	576179.0	0.252916	Y
6	STD50 460-808628/7	50.0	13.256071	50.0	550246.0	0.265121	Y
7	STD200 460-808628/8	200.0	58.858781	50.0	534814.0	0.294294	Y
8	STD500 460-808628/9	500.0	136.281398	50.0	528341.0	0.272563	Y



# Calibration

/ Bromomethane

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

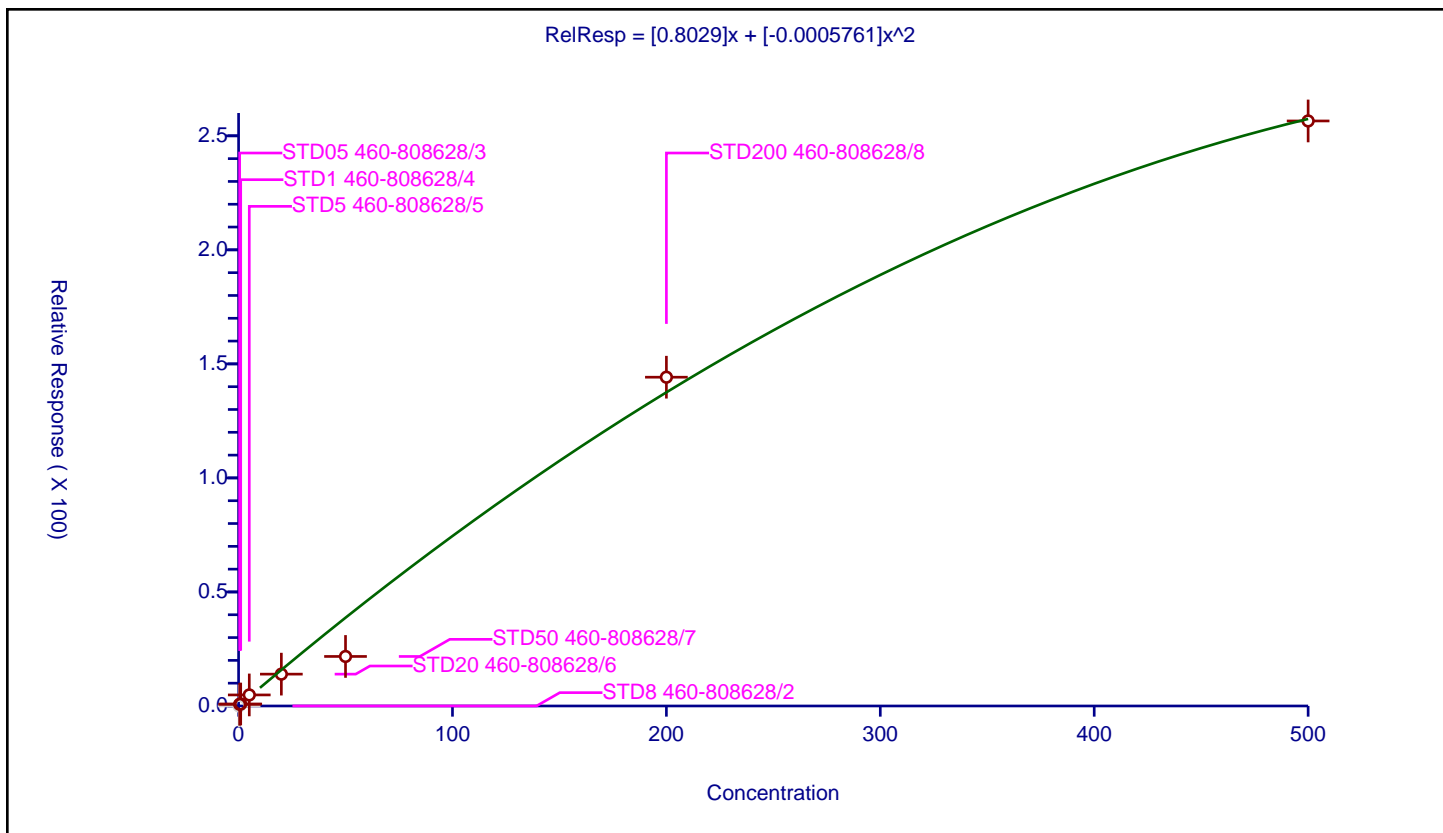
## Curve Coefficients

Intercept: 0  
 Slope: 0.8029  
 Second Order: -0.0005761

## Error Coefficients

Standard Error: 154000  
 Relative Standard Error: 45.5  
 Correlation Coefficient: 0.989  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.0	250.0	382844.0	0.0	N
2	STD05 460-808628/3	0.5	0.751734	250.0	362828.0	1.503467	Y
3	STD1 460-808628/4	1.0	0.872252	250.0	385783.0	0.872252	Y
4	STD5 460-808628/5	5.0	4.8453	250.0	357563.0	0.96906	Y
5	STD20 460-808628/6	20.0	13.963696	250.0	362601.0	0.698185	Y
6	STD50 460-808628/7	50.0	21.718034	250.0	343666.0	0.434361	Y
7	STD200 460-808628/8	200.0	144.158405	250.0	316506.0	0.720792	Y
8	STD500 460-808628/9	500.0	256.511356	250.0	282852.0	0.513023	Y



# Calibration

/ Chloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

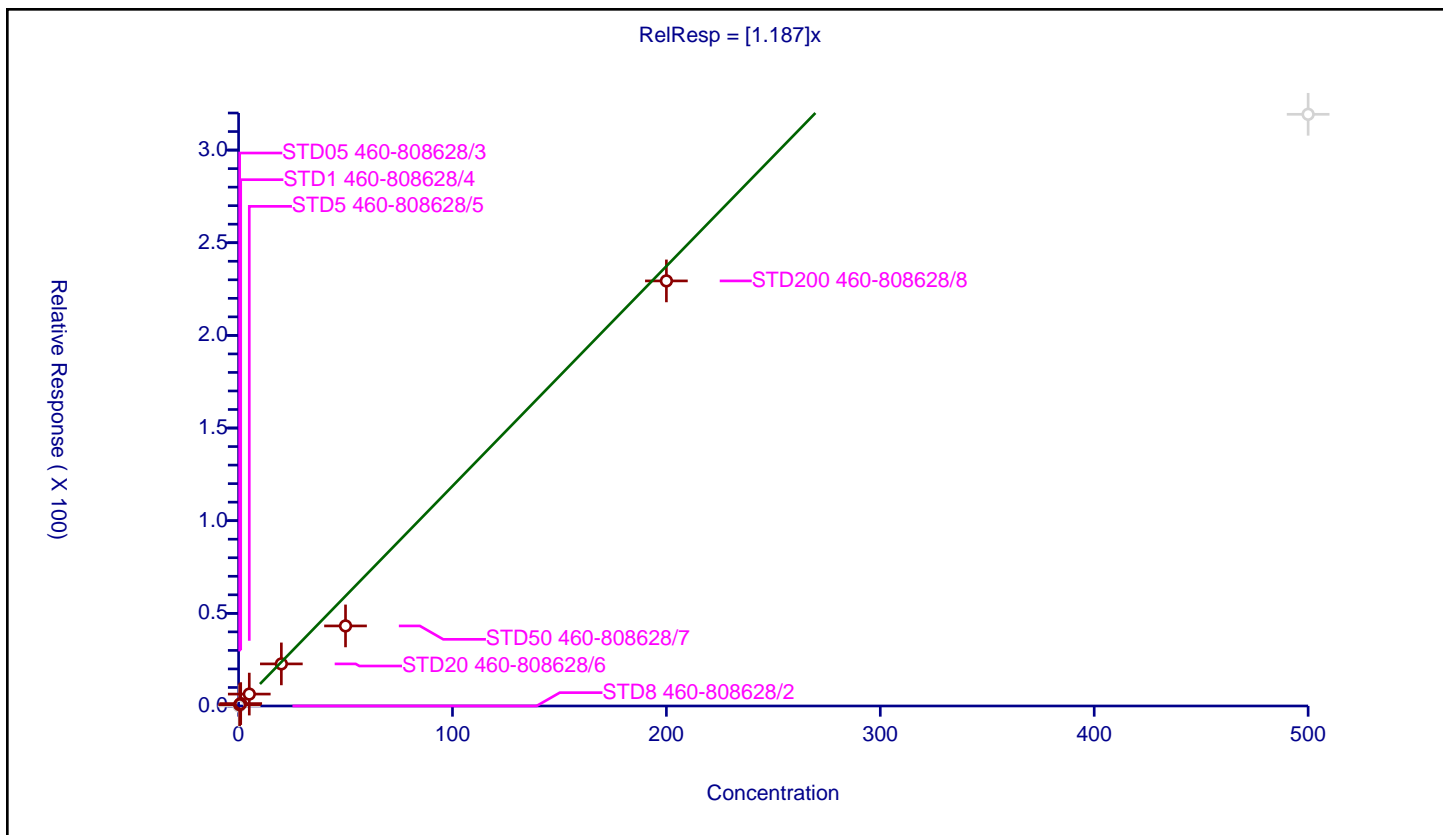
## Curve Coefficients

Intercept: 0  
 Slope: 1.187

## Error Coefficients

Standard Error: 133000  
 Relative Standard Error: 15.6  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.0	250.0	382844.0	0.0	N
2	STD05 460-808628/3	0.5	0.692477	250.0	362828.0	1.384954	Y
3	STD1 460-808628/4	1.0	1.303194	250.0	385783.0	1.303194	Y
4	STD5 460-808628/5	5.0	6.426839	250.0	357563.0	1.285368	Y
5	STD20 460-808628/6	20.0	22.711603	250.0	362601.0	1.13558	Y
6	STD50 460-808628/7	50.0	43.213469	250.0	343666.0	0.864269	Y
7	STD200 460-808628/8	200.0	229.401654	250.0	316506.0	1.147008	Y
8	STD500 460-808628/9	500.0	319.315402	250.0	282852.0	0.638631	N



# Calibration

/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

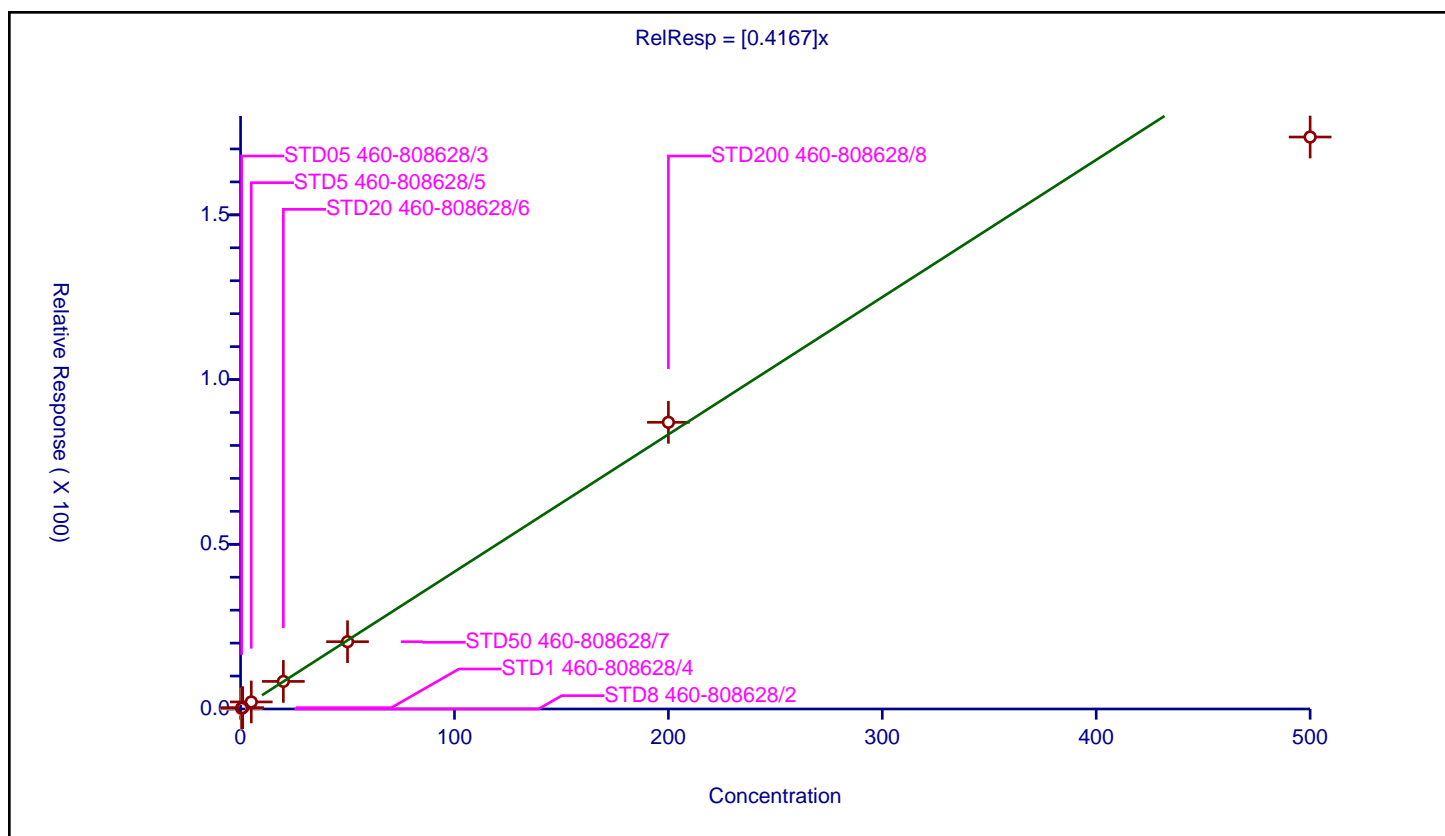
## Curve Coefficients

Intercept: 0  
 Slope: 0.4167

## Error Coefficients

Standard Error: 846000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 0.990  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.0	50.0	590254.0	0.0	N
2	STD05 460-808628/3	0.5	0.241333	50.0	585497.0	0.482667	Y
3	STD1 460-808628/4	1.0	0.397033	50.0	582823.0	0.397033	Y
4	STD5 460-808628/5	5.0	2.138557	50.0	587873.0	0.427711	Y
5	STD20 460-808628/6	20.0	8.377084	50.0	576179.0	0.418854	Y
6	STD50 460-808628/7	50.0	20.423683	50.0	550246.0	0.408474	Y
7	STD200 460-808628/8	200.0	87.021843	50.0	534814.0	0.435109	Y
8	STD500 460-808628/9	500.0	173.625083	50.0	528341.0	0.34725	Y





# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

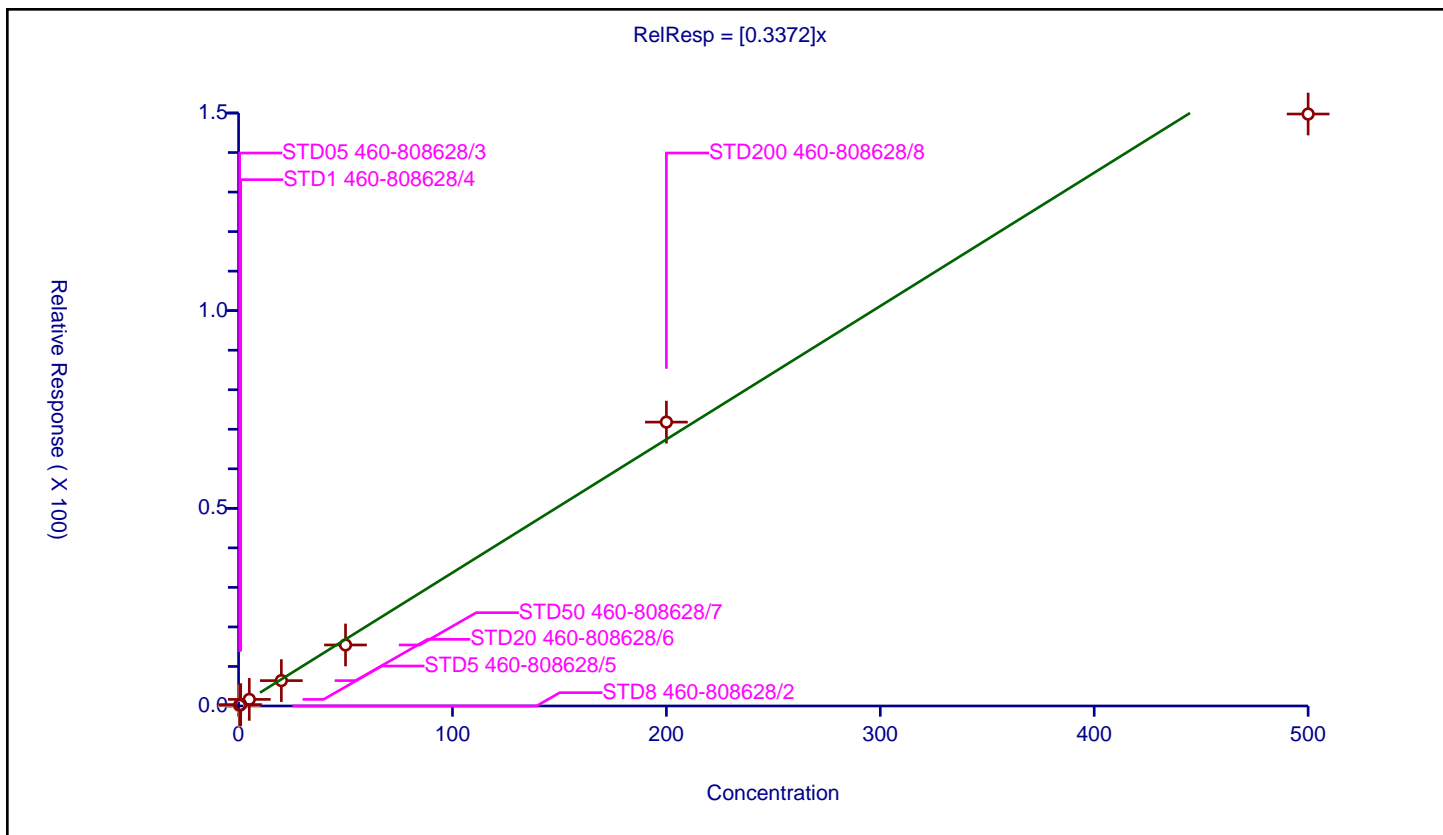
## Curve Coefficients

Intercept: 0  
 Slope: 0.3372

## Error Coefficients

Standard Error: 722000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 0.993  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.25	0.0	50.0	590254.0	0.0	N
2	STD05 460-808628/3	0.5	0.196414	50.0	585497.0	0.392829	Y
3	STD1 460-808628/4	1.0	0.345474	50.0	582823.0	0.345474	Y
4	STD5 460-808628/5	5.0	1.671109	50.0	587873.0	0.334222	Y
5	STD20 460-808628/6	20.0	6.416669	50.0	576179.0	0.320833	Y
6	STD50 460-808628/7	50.0	15.437913	50.0	550246.0	0.308758	Y
7	STD200 460-808628/8	200.0	71.811415	50.0	534814.0	0.359057	Y
8	STD500 460-808628/9	500.0	149.740698	50.0	528341.0	0.299481	Y



# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

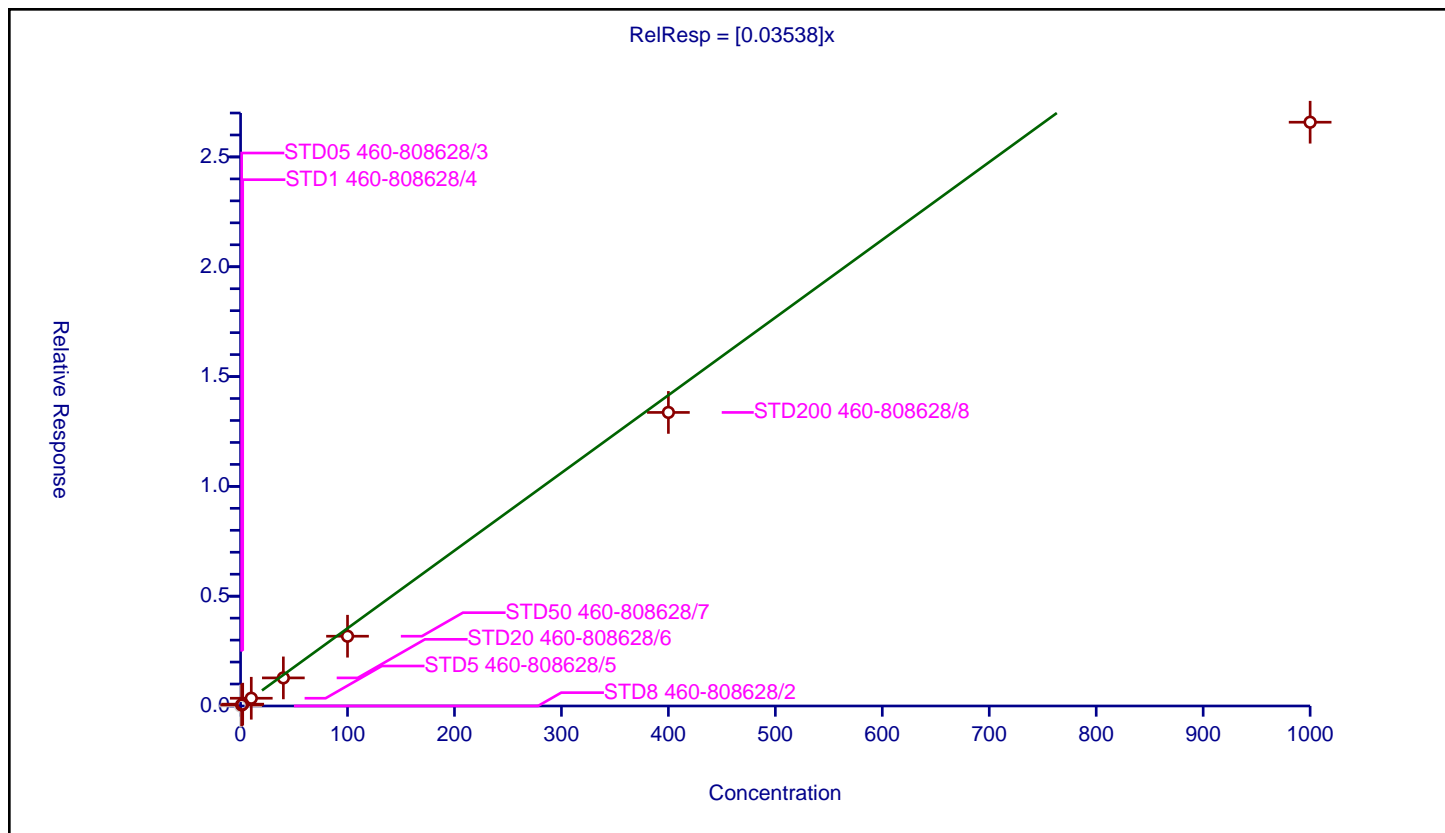
## Curve Coefficients

Intercept: 0  
 Slope: 0.03538

## Error Coefficients

Standard Error: 130000  
 Relative Standard Error: 19.2  
 Correlation Coefficient: 0.989  
 Coefficient of Determination (Adjusted): 0.943

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	1.0	0.046798	50.0	585497.0	0.046798	Y
3	STD1 460-808628/4	2.0	0.08373	50.0	582823.0	0.041865	Y
4	STD5 460-808628/5	10.0	0.352372	50.0	587873.0	0.035237	Y
5	STD20 460-808628/6	40.0	1.27929	50.0	576179.0	0.031982	Y
6	STD50 460-808628/7	100.0	3.177215	50.0	550246.0	0.031772	Y
7	STD200 460-808628/8	400.0	13.36689	50.0	534814.0	0.033417	Y
8	STD500 460-808628/9	1000.0	26.580845	50.0	528341.0	0.026581	Y



# Calibration

/ Ethanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

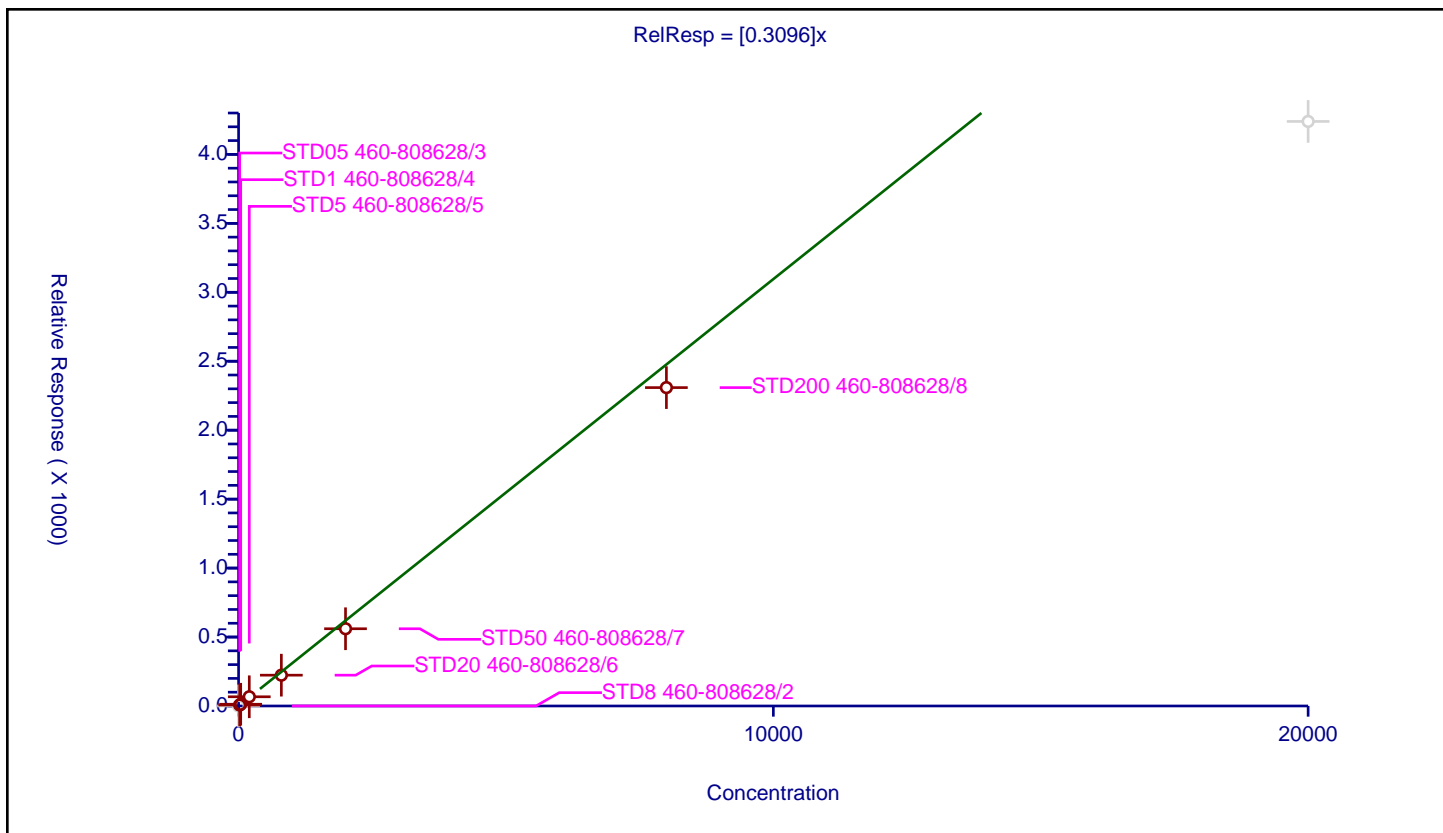
## Curve Coefficients

Intercept: 0  
 Slope: 0.3096

## Error Coefficients

Standard Error: 53400  
 Relative Standard Error: 10.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	57421.0	NaN	N
2	STD05 460-808628/3	20.0	7.141353	1000.0	52231.0	0.357068	Y
3	STD1 460-808628/4	40.0	12.717819	1000.0	56928.0	0.317945	Y
4	STD5 460-808628/5	200.0	66.880775	1000.0	53244.0	0.334404	Y
5	STD20 460-808628/6	800.0	223.390627	1000.0	56202.0	0.279238	Y
6	STD50 460-808628/7	2000.0	560.207391	1000.0	51497.0	0.280104	Y
7	STD200 460-808628/8	8000.0	2308.735353	1000.0	51034.0	0.288592	Y
8	STD500 460-808628/9	20000.0	4238.956014	1000.0	63066.0	0.211948	N



# Calibration

/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

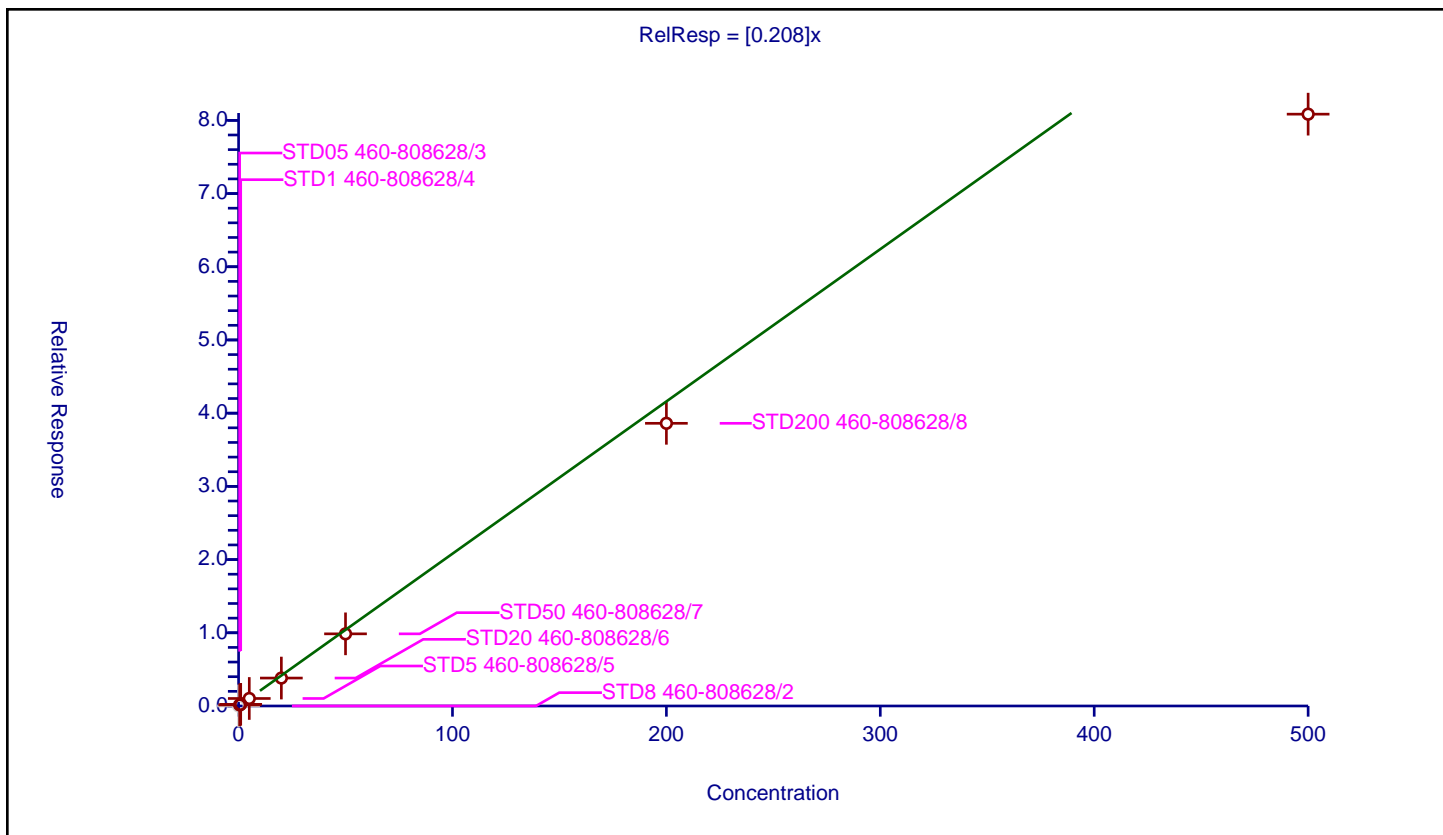
## Curve Coefficients

Intercept: 0  
 Slope: 0.208

## Error Coefficients

Standard Error: 390000  
 Relative Standard Error: 18.7  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.946

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.14287	50.0	585497.0	0.28574	Y
3	STD1 460-808628/4	1.0	0.222795	50.0	582823.0	0.222795	Y
4	STD5 460-808628/5	5.0	1.024031	50.0	587873.0	0.204806	Y
5	STD20 460-808628/6	20.0	3.816696	50.0	576179.0	0.190835	Y
6	STD50 460-808628/7	50.0	9.856773	50.0	550246.0	0.197135	Y
7	STD200 460-808628/8	200.0	38.615668	50.0	534814.0	0.193078	Y
8	STD500 460-808628/9	500.0	80.844757	50.0	528341.0	0.16169	Y



# Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

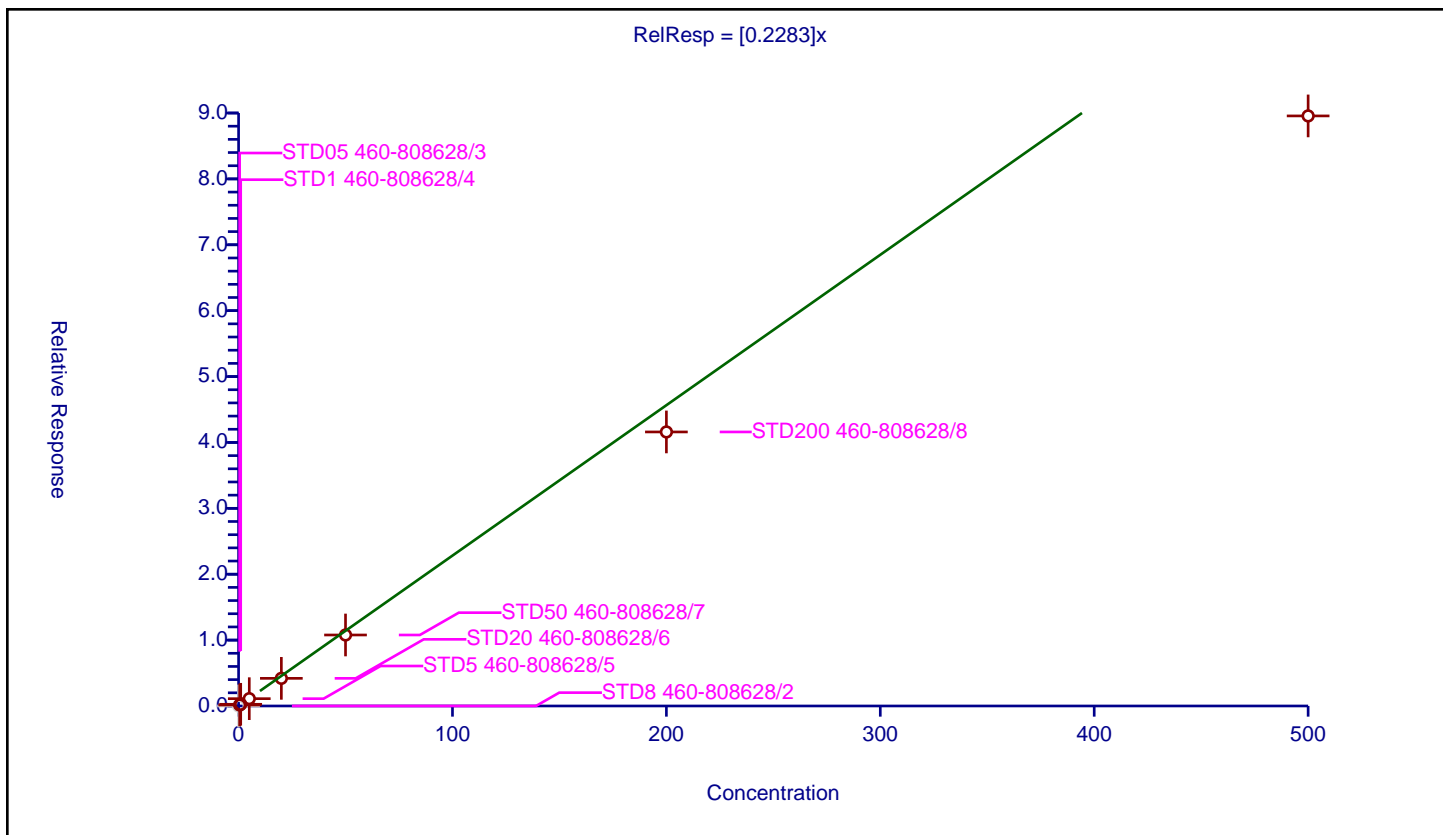
## Curve Coefficients

Intercept: 0  
 Slope: 0.2283

## Error Coefficients

Standard Error: 430000  
 Relative Standard Error: 18.2  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.153716	50.0	585497.0	0.307431	Y
3	STD1 460-808628/4	1.0	0.255652	50.0	582823.0	0.255652	Y
4	STD5 460-808628/5	5.0	1.11172	50.0	587873.0	0.222344	Y
5	STD20 460-808628/6	20.0	4.196005	50.0	576179.0	0.2098	Y
6	STD50 460-808628/7	50.0	10.77718	50.0	550246.0	0.215544	Y
7	STD200 460-808628/8	200.0	41.595022	50.0	534814.0	0.207975	Y
8	STD500 460-808628/9	500.0	89.55788	50.0	528341.0	0.179116	Y



# Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

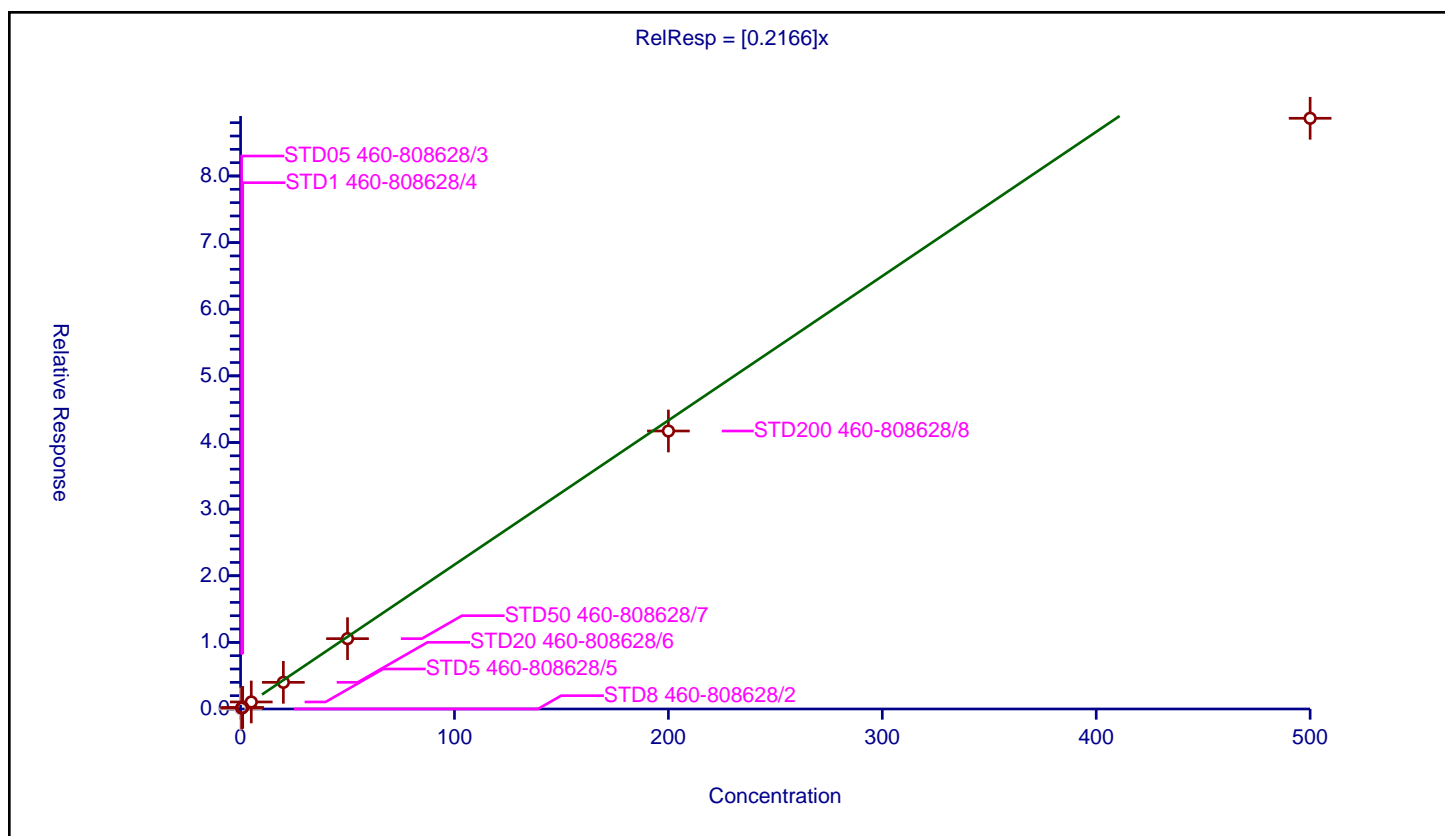
## Curve Coefficients

Intercept: 0  
 Slope: 0.2166

## Error Coefficients

Standard Error: 427000  
 Relative Standard Error: 14.1  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.137405	50.0	585497.0	0.274809	Y
3	STD1 460-808628/4	1.0	0.232918	50.0	582823.0	0.232918	Y
4	STD5 460-808628/5	5.0	1.056095	50.0	587873.0	0.211219	Y
5	STD20 460-808628/6	20.0	4.001187	50.0	576179.0	0.200059	Y
6	STD50 460-808628/7	50.0	10.554734	50.0	550246.0	0.211095	Y
7	STD200 460-808628/8	200.0	41.722262	50.0	534814.0	0.208611	Y
8	STD500 460-808628/9	500.0	88.659313	50.0	528341.0	0.177319	Y



# Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

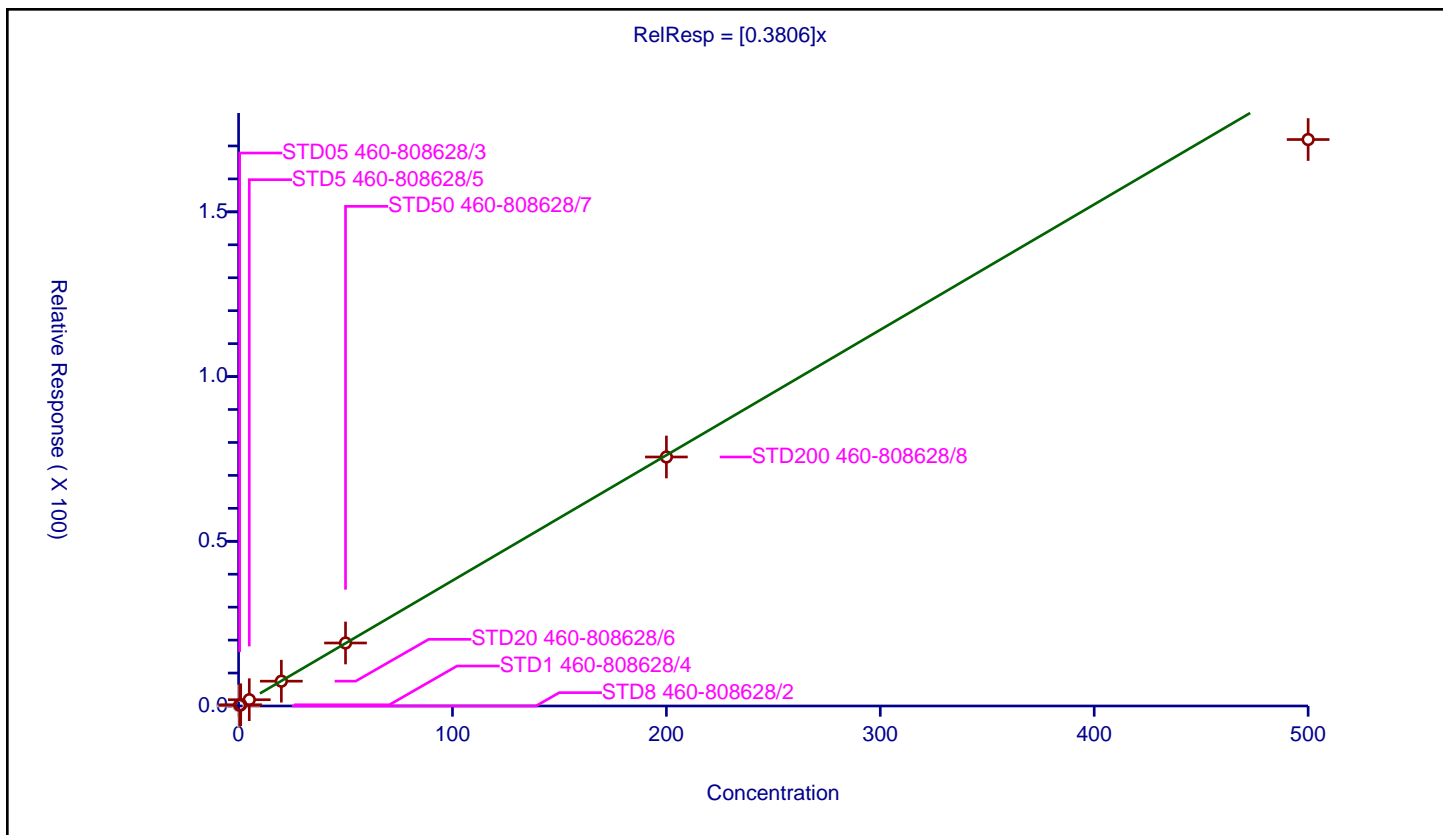
## Curve Coefficients

Intercept: 0  
 Slope: 0.3806

## Error Coefficients

Standard Error: 817000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.216483	50.0	585497.0	0.432965	Y
3	STD1 460-808628/4	1.0	0.369838	50.0	582823.0	0.369838	Y
4	STD5 460-808628/5	5.0	1.904068	50.0	587873.0	0.380814	Y
5	STD20 460-808628/6	20.0	7.529691	50.0	576179.0	0.376485	Y
6	STD50 460-808628/7	50.0	19.122174	50.0	550246.0	0.382443	Y
7	STD200 460-808628/8	200.0	75.583848	50.0	534814.0	0.377919	Y
8	STD500 460-808628/9	500.0	171.951259	50.0	528341.0	0.343903	Y



# Calibration

/ Acrolein

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

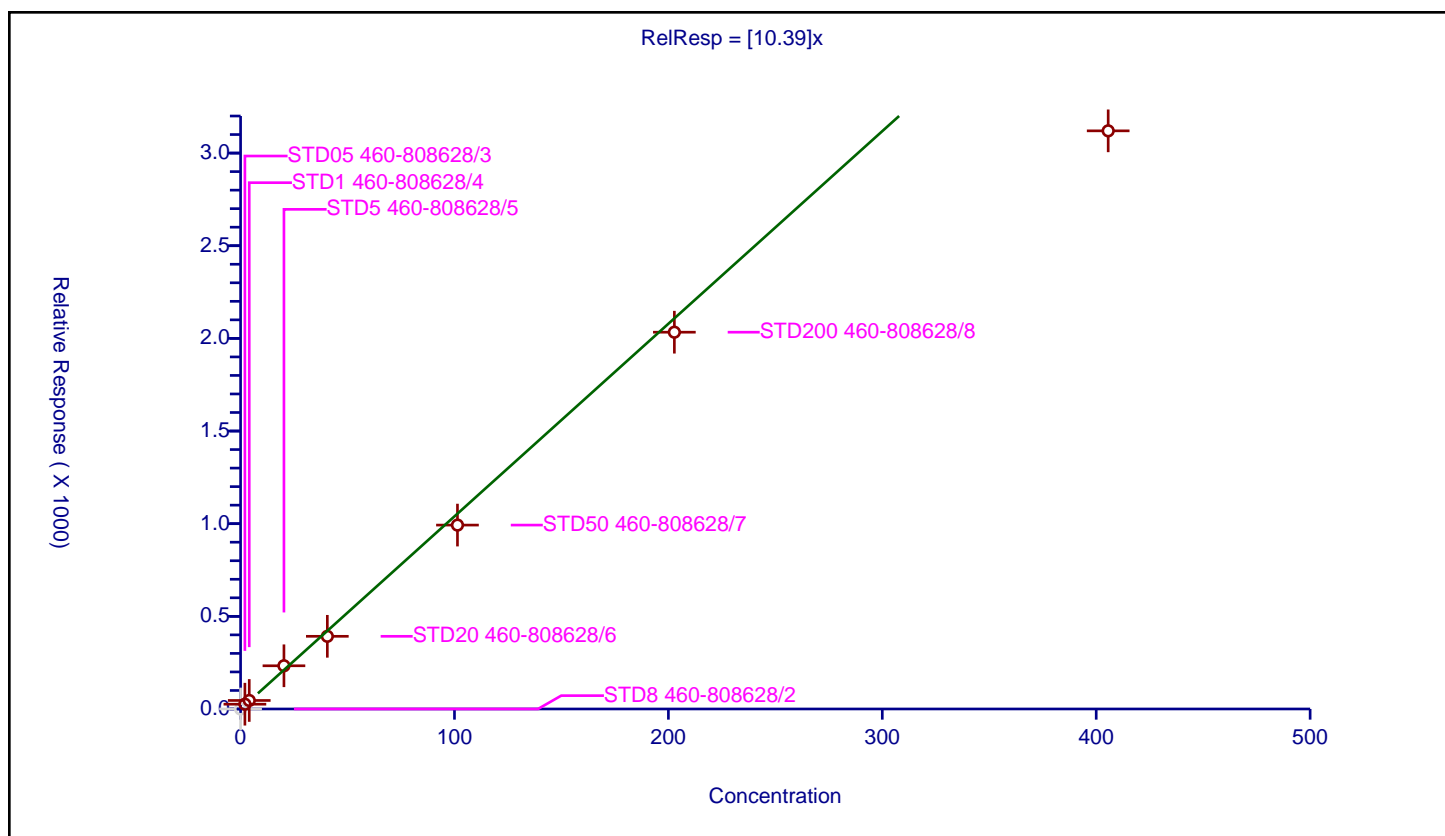
## Curve Coefficients

Intercept: 0  
 Slope: 10.39

## Error Coefficients

Standard Error: 91800  
 Relative Standard Error: 15.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	57421.0	NaN	N
2	STD05 460-808628/3	2.028	25.885011	1000.0	52231.0	12.763812	Y
3	STD1 460-808628/4	4.056	45.935216	1000.0	56928.0	11.325251	Y
4	STD5 460-808628/5	20.28	233.190594	1000.0	53244.0	11.49855	Y
5	STD20 460-808628/6	40.56	392.156863	1000.0	56202.0	9.668562	Y
6	STD50 460-808628/7	101.4	992.387906	1000.0	51497.0	9.786863	Y
7	STD200 460-808628/8	202.8	2033.271936	1000.0	51034.0	10.025996	Y
8	STD500 460-808628/9	405.6	3119.937843	1000.0	63066.0	7.692154	Y





# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

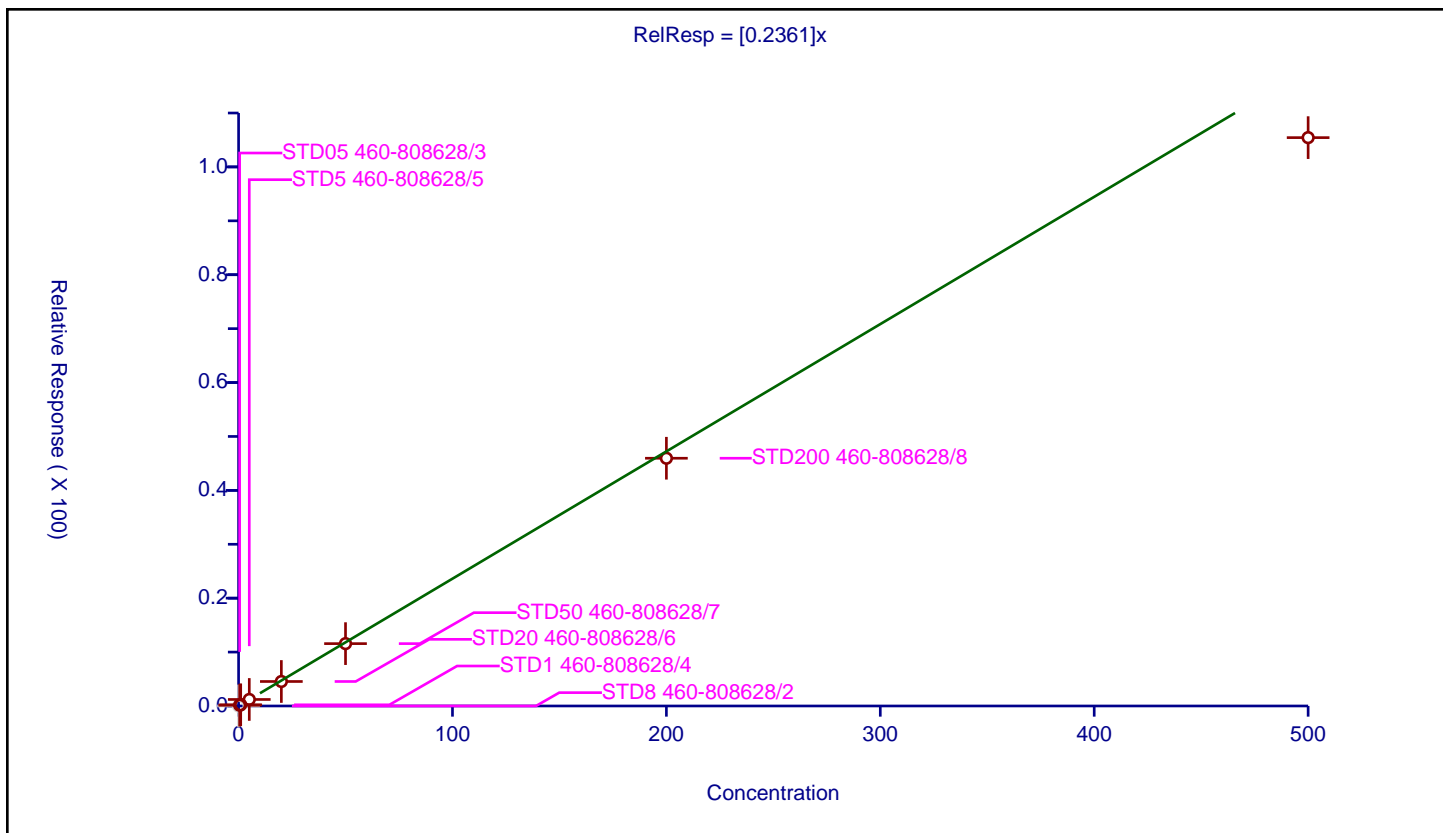
## Curve Coefficients

Intercept: 0  
 Slope: 0.2361

## Error Coefficients

Standard Error: 500000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.14603	50.0	585497.0	0.29206	Y
3	STD1 460-808628/4	1.0	0.219535	50.0	582823.0	0.219535	Y
4	STD5 460-808628/5	5.0	1.210976	50.0	587873.0	0.242195	Y
5	STD20 460-808628/6	20.0	4.541991	50.0	576179.0	0.2271	Y
6	STD50 460-808628/7	50.0	11.570007	50.0	550246.0	0.2314	Y
7	STD200 460-808628/8	200.0	45.957847	50.0	534814.0	0.229789	Y
8	STD500 460-808628/9	500.0	105.435505	50.0	528341.0	0.210871	Y



# Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

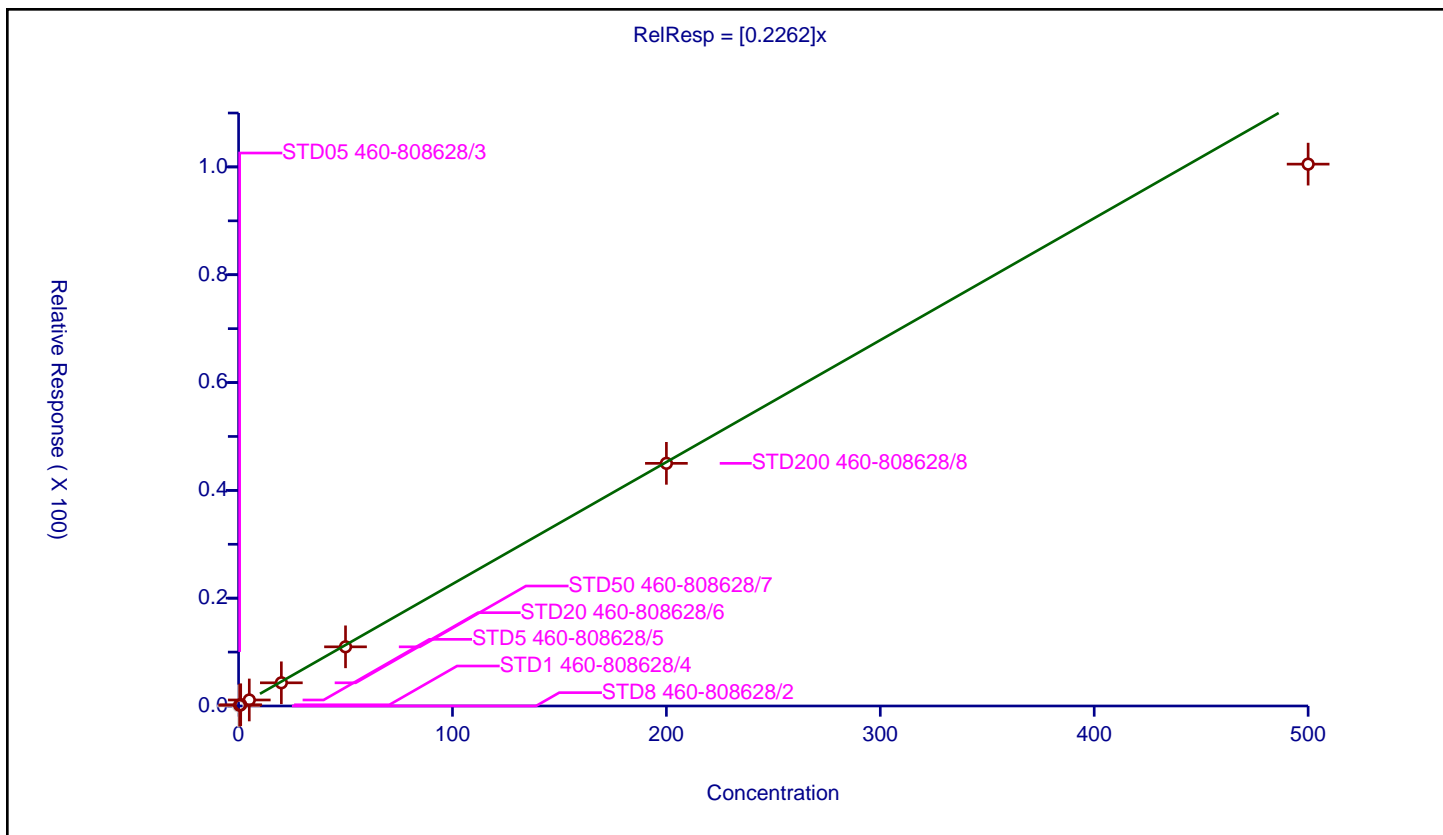
## Curve Coefficients

Intercept: 0  
 Slope: 0.2262

## Error Coefficients

Standard Error: 479000  
 Relative Standard Error: 10.4  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.138002	50.0	585497.0	0.276005	Y
3	STD1 460-808628/4	1.0	0.223824	50.0	582823.0	0.223824	Y
4	STD5 460-808628/5	5.0	1.115632	50.0	587873.0	0.223126	Y
5	STD20 460-808628/6	20.0	4.299358	50.0	576179.0	0.214968	Y
6	STD50 460-808628/7	50.0	10.975818	50.0	550246.0	0.219516	Y
7	STD200 460-808628/8	200.0	45.015557	50.0	534814.0	0.225078	Y
8	STD500 460-808628/9	500.0	100.518037	50.0	528341.0	0.201036	Y



# Calibration

/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

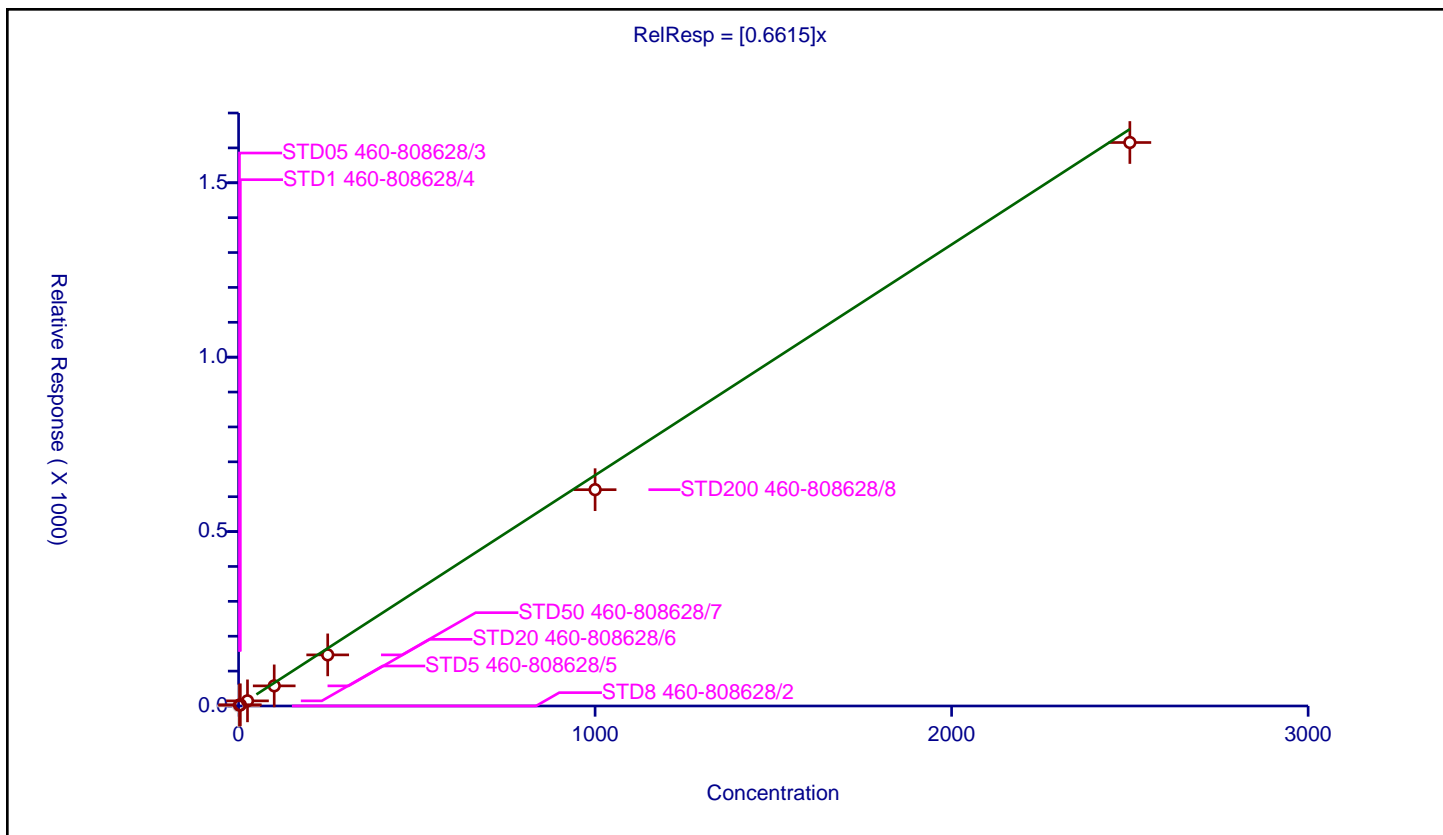
## Curve Coefficients

Intercept: 0  
 Slope: 0.6615

## Error Coefficients

Standard Error: 816000  
 Relative Standard Error: 19.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.940

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	2.5	2.371647	250.0	362828.0	0.948659	Y
3	STD1 460-808628/4	5.0	3.315335	250.0	385783.0	0.663067	Y
4	STD5 460-808628/5	25.0	14.740759	250.0	357563.0	0.58963	Y
5	STD20 460-808628/6	100.0	57.675655	250.0	362601.0	0.576757	Y
6	STD50 460-808628/7	250.0	146.48234	250.0	343666.0	0.585929	Y
7	STD200 460-808628/8	1000.0	620.141482	250.0	316506.0	0.620141	Y
8	STD500 460-808628/9	2500.0	1615.441998	250.0	282852.0	0.646177	Y



# Calibration

/ Iodomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

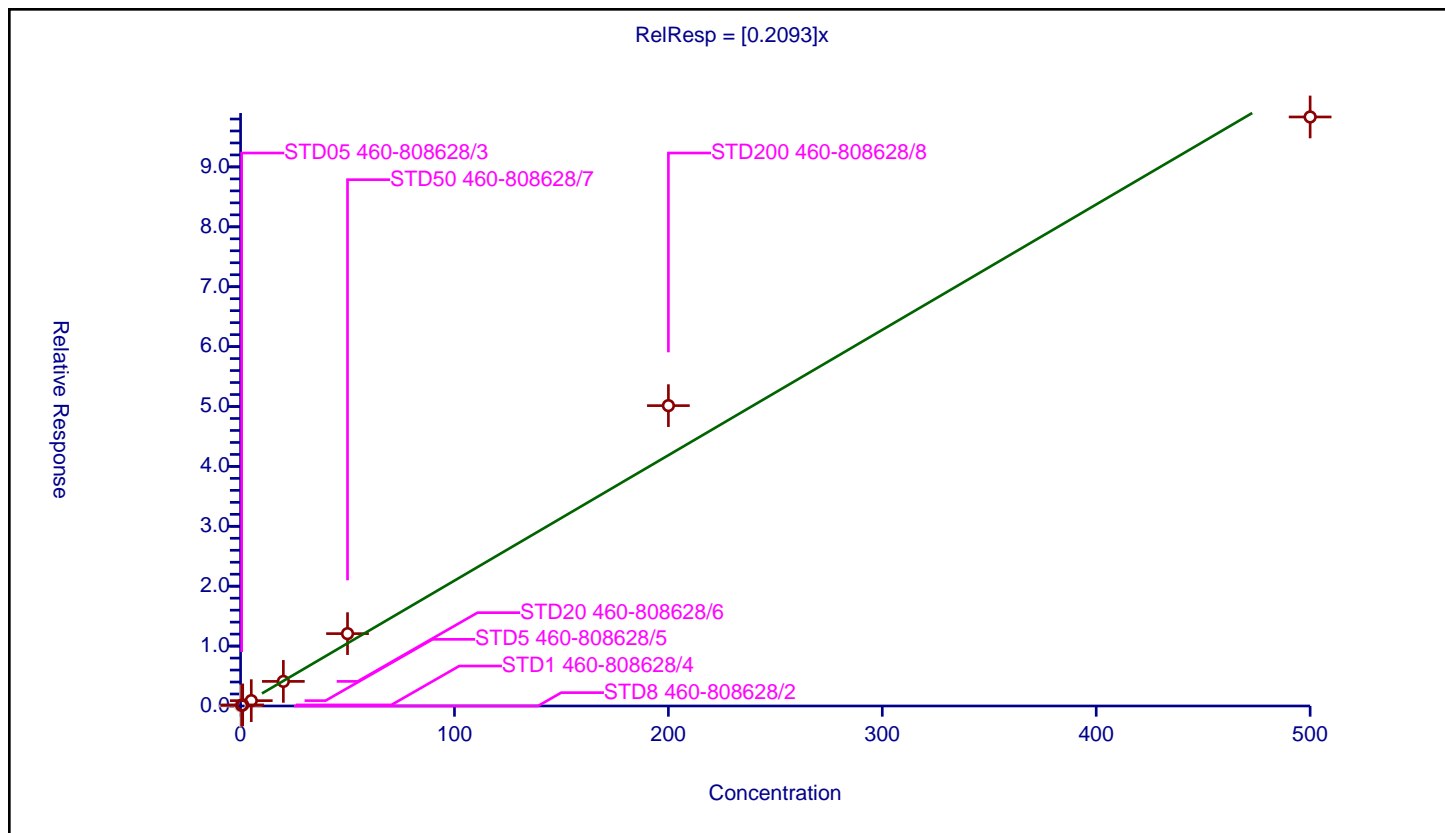
## Curve Coefficients

Intercept: 0  
 Slope: 0.2093

## Error Coefficients

Standard Error: 481000  
 Relative Standard Error: 13.6  
 Correlation Coefficient: 0.988  
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.106832	50.0	585497.0	0.213665	Y
3	STD1 460-808628/4	1.0	0.179214	50.0	582823.0	0.179214	Y
4	STD5 460-808628/5	5.0	0.890669	50.0	587873.0	0.178134	Y
5	STD20 460-808628/6	20.0	4.105235	50.0	576179.0	0.205262	Y
6	STD50 460-808628/7	50.0	12.080051	50.0	550246.0	0.241601	Y
7	STD200 460-808628/8	200.0	50.148276	50.0	534814.0	0.250741	Y
8	STD500 460-808628/9	500.0	98.342926	50.0	528341.0	0.196686	Y



## Calibration

/ Carbon disulfide

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

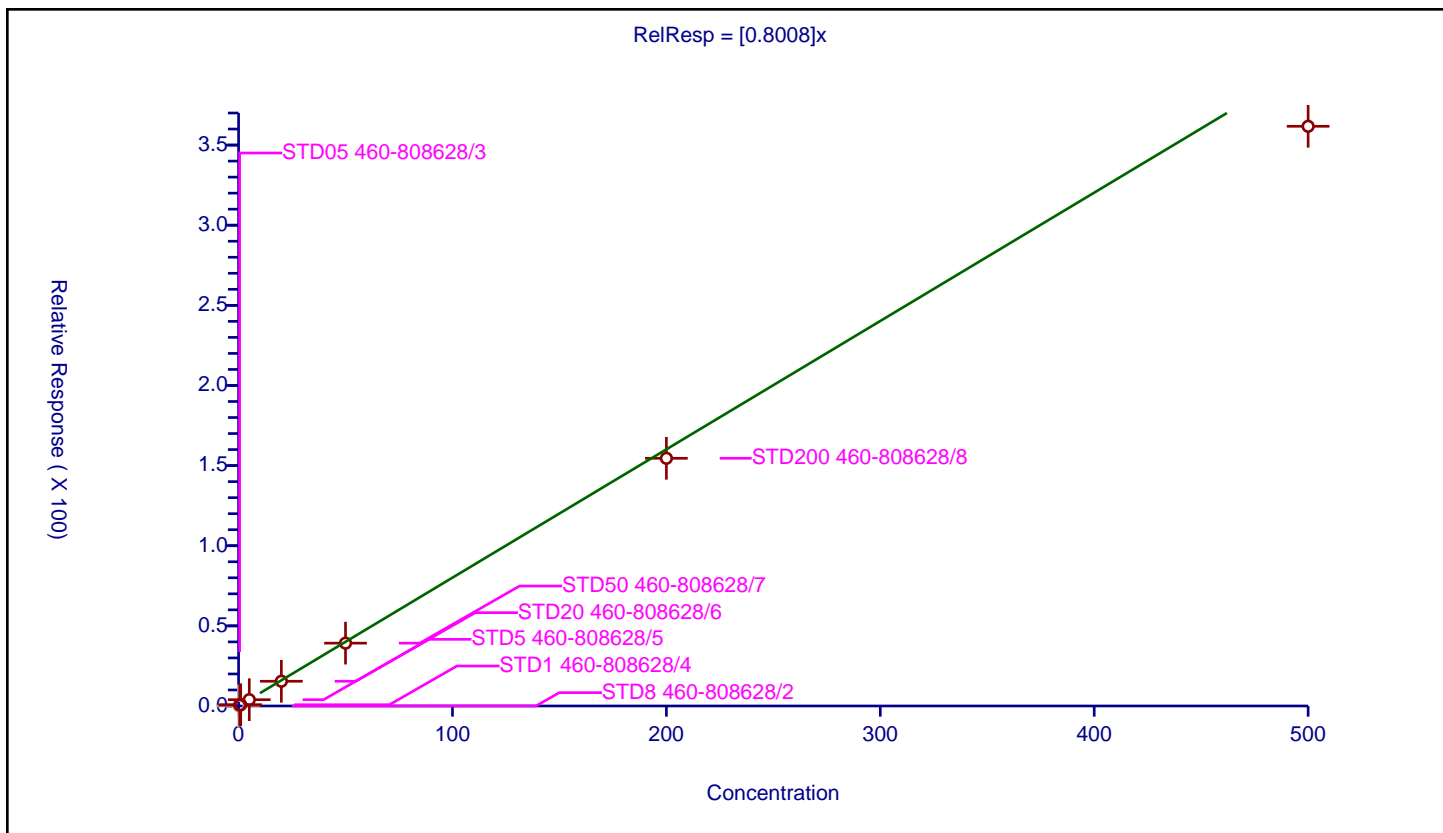
### Curve Coefficients

**Intercept:** 0  
**Slope:** 0.8008

### Error Coefficients

**Standard Error:** 1710000  
**Relative Standard Error:** 9.6  
**Correlation Coefficient:** 0.999  
**Coefficient of Determination (Adjusted):** 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.483521	50.0	585497.0	0.967042	Y
3	STD1 460-808628/4	1.0	0.797669	50.0	582823.0	0.797669	Y
4	STD5 460-808628/5	5.0	3.942433	50.0	587873.0	0.788487	Y
5	STD20 460-808628/6	20.0	15.43713	50.0	576179.0	0.771856	Y
6	STD50 460-808628/7	50.0	39.205101	50.0	550246.0	0.784102	Y
7	STD200 460-808628/8	200.0	154.549245	50.0	534814.0	0.772746	Y
8	STD500 460-808628/9	500.0	361.710808	50.0	528341.0	0.723422	Y



# Calibration

/ Isopropyl alcohol

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

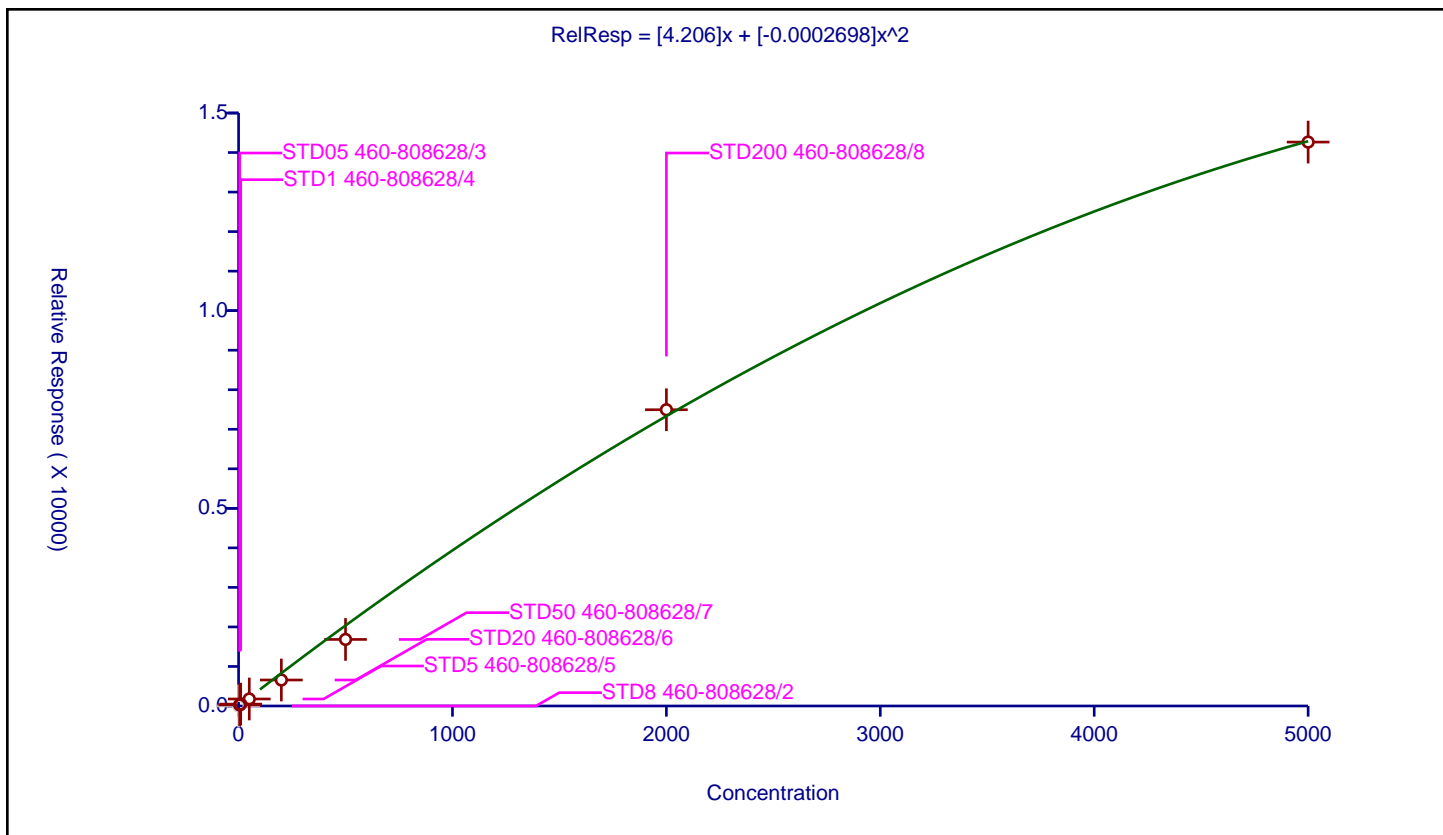
## Curve Coefficients

Intercept: 0  
 Slope: 4.206  
 Second Order: -0.0002698

## Error Coefficients

Standard Error: 432000  
 Relative Standard Error: 19.2  
 Correlation Coefficient: 0.992  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	57421.0	NaN	N
2	STD05 460-808628/3	5.0	26.344508	1000.0	52231.0	5.268902	Y
3	STD1 460-808628/4	10.0	47.814784	1000.0	56928.0	4.781478	Y
4	STD5 460-808628/5	50.0	176.977688	1000.0	53244.0	3.539554	Y
5	STD20 460-808628/6	200.0	657.645635	1000.0	56202.0	3.288228	Y
6	STD50 460-808628/7	500.0	1683.690312	1000.0	51497.0	3.367381	Y
7	STD200 460-808628/8	2000.0	7494.376298	1000.0	51034.0	3.747188	Y
8	STD500 460-808628/9	5000.0	14264.976374	1000.0	63066.0	2.852995	Y



## Calibration

/ Acetonitrile

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

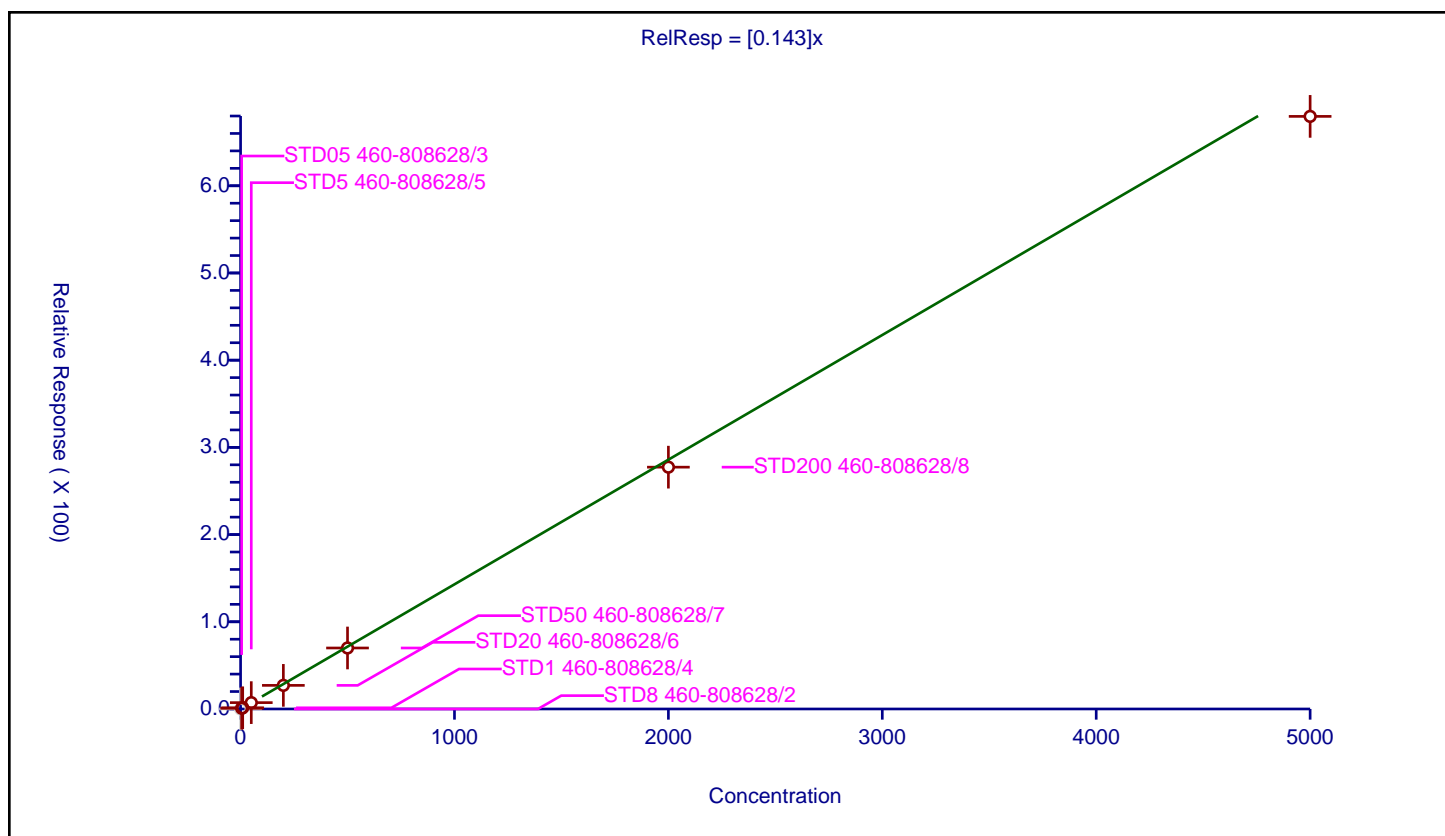
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.143

## Error Coefficients

**Standard Error:** 347000  
**Relative Standard Error:** 8.0  
**Correlation Coefficient:** 0.997  
**Coefficient of Determination (Adjusted):** 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	5.0	0.838552	250.0	362828.0	0.16771	Y
3	STD1 460-808628/4	10.0	1.369941	250.0	385783.0	0.136994	Y
4	STD5 460-808628/5	50.0	7.301511	250.0	357563.0	0.14603	Y
5	STD20 460-808628/6	200.0	27.091073	250.0	362601.0	0.135455	Y
6	STD50 460-808628/7	500.0	69.953094	250.0	343666.0	0.139906	Y
7	STD200 460-808628/8	2000.0	277.331235	250.0	316506.0	0.138666	Y
8	STD500 460-808628/9	5000.0	679.570058	250.0	282852.0	0.135914	Y



## Calibration

/ 3-Chloro-1-propene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

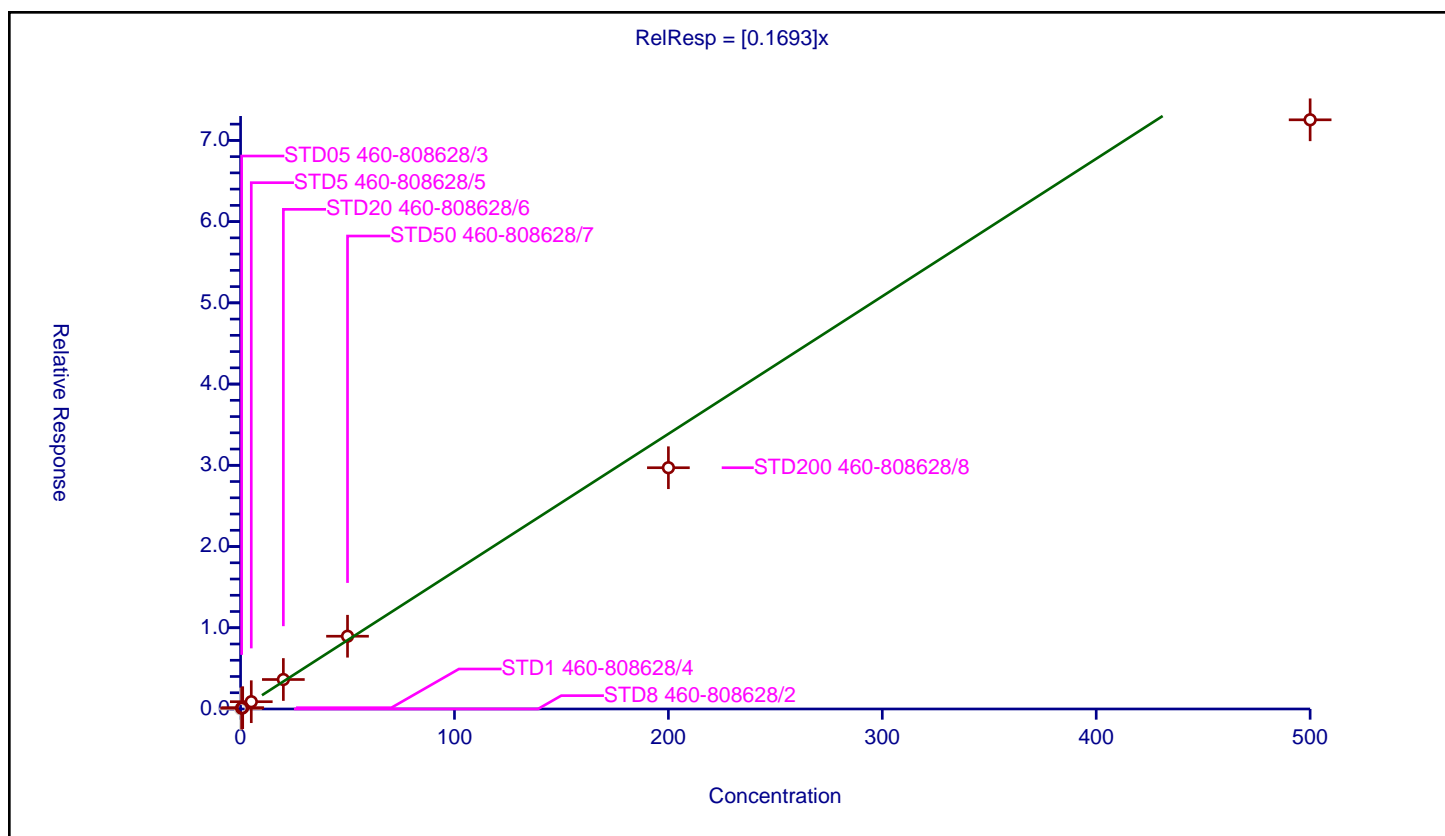
## Curve Coefficients

Intercept: 0  
Slope: 0.1693

## Error Coefficients

Standard Error: 342000  
Relative Standard Error: 11.0  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.096926	50.0	585497.0	0.193852	Y
3	STD1 460-808628/4	1.0	0.157938	50.0	582823.0	0.157938	Y
4	STD5 460-808628/5	5.0	0.897388	50.0	587873.0	0.179478	Y
5	STD20 460-808628/6	20.0	3.628994	50.0	576179.0	0.18145	Y
6	STD50 460-808628/7	50.0	8.956267	50.0	550246.0	0.179125	Y
7	STD200 460-808628/8	200.0	29.70313	50.0	534814.0	0.148516	Y
8	STD500 460-808628/9	500.0	72.534594	50.0	528341.0	0.145069	Y





# Calibration

/ Methyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

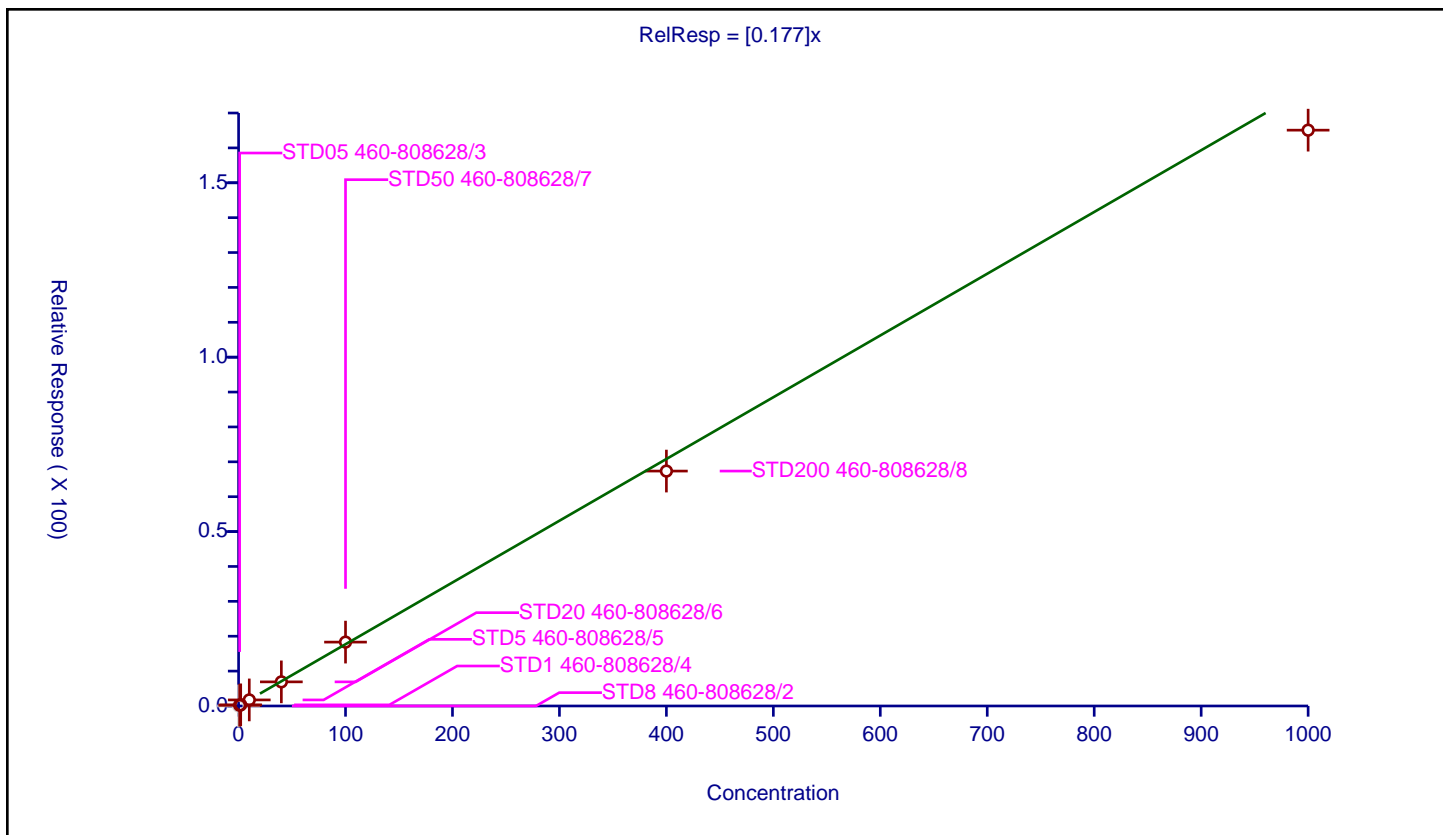
## Curve Coefficients

Intercept: 0  
 Slope: 0.177

## Error Coefficients

Standard Error: 776000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	1.0	0.211786	50.0	585497.0	0.211786	Y
3	STD1 460-808628/4	2.0	0.327801	50.0	582823.0	0.163901	Y
4	STD5 460-808628/5	10.0	1.739747	50.0	587873.0	0.173975	Y
5	STD20 460-808628/6	40.0	6.917729	50.0	576179.0	0.172943	Y
6	STD50 460-808628/7	100.0	18.317262	50.0	550246.0	0.183173	Y
7	STD200 460-808628/8	400.0	67.351453	50.0	534814.0	0.168379	Y
8	STD500 460-808628/9	1000.0	165.087604	50.0	528341.0	0.165088	Y



# Calibration

/ Cyclopentene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

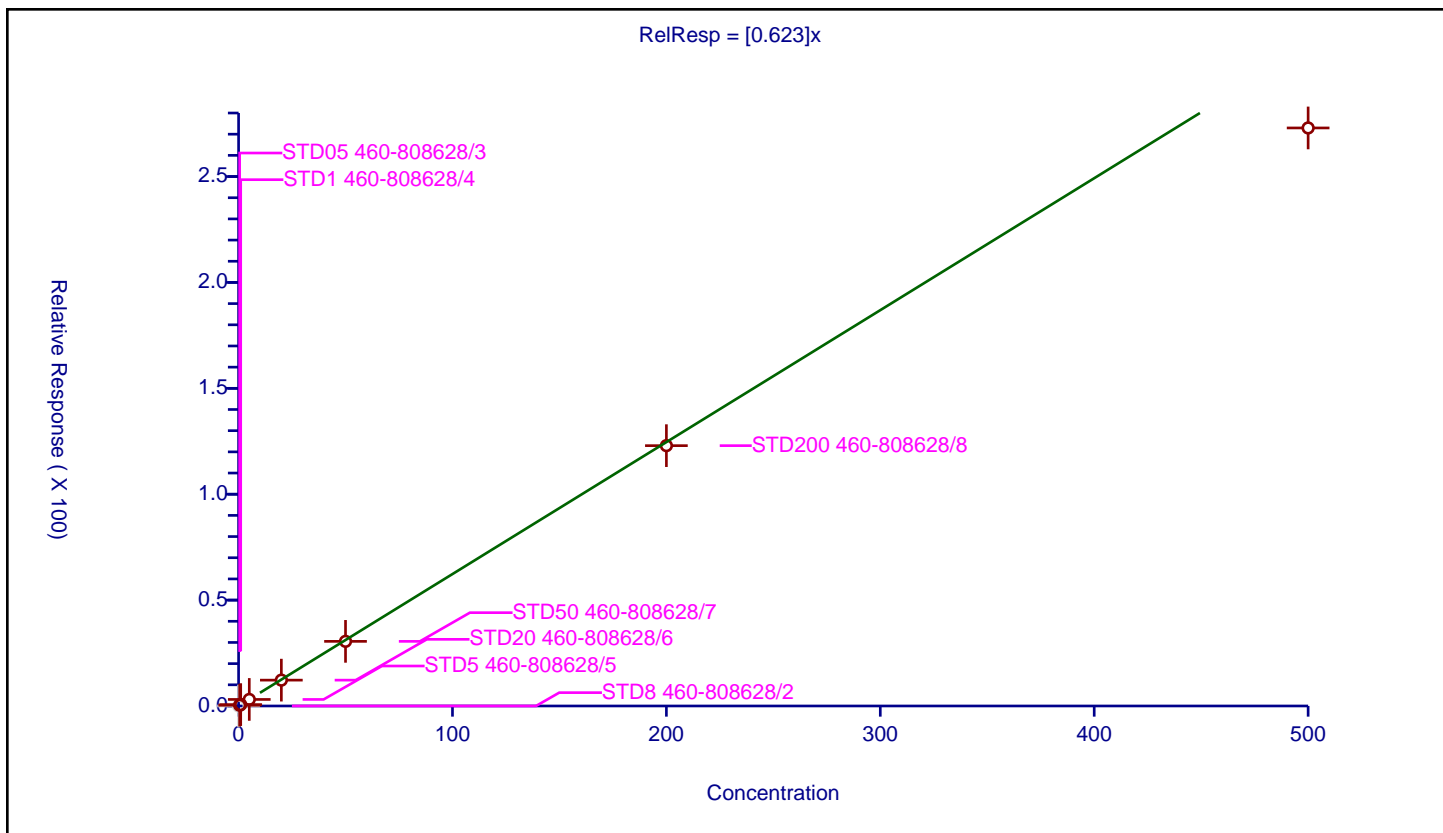
## Curve Coefficients

Intercept: 0  
 Slope: 0.623

## Error Coefficients

Standard Error: 1300000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.358328	50.0	585497.0	0.716656	Y
3	STD1 460-808628/4	1.0	0.645479	50.0	582823.0	0.645479	Y
4	STD5 460-808628/5	5.0	3.088422	50.0	587873.0	0.617684	Y
5	STD20 460-808628/6	20.0	12.20888	50.0	576179.0	0.610444	Y
6	STD50 460-808628/7	50.0	30.522621	50.0	550246.0	0.610452	Y
7	STD200 460-808628/8	200.0	122.924325	50.0	534814.0	0.614622	Y
8	STD500 460-808628/9	500.0	272.950424	50.0	528341.0	0.545901	Y



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

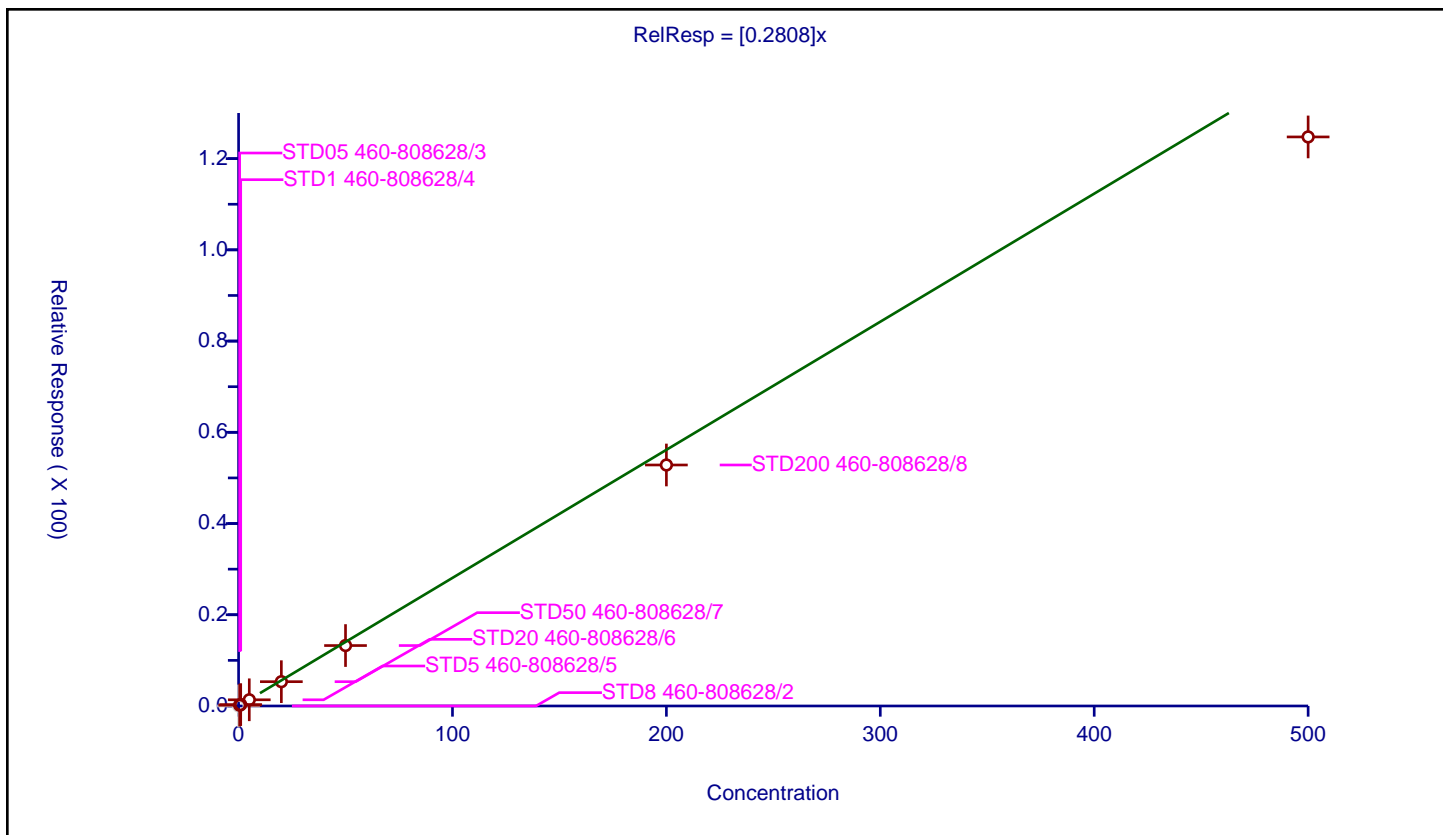
## Curve Coefficients

Intercept: 0  
 Slope: 0.2808

## Error Coefficients

Standard Error: 589000  
 Relative Standard Error: 11.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.17404	50.0	585497.0	0.34808	Y
3	STD1 460-808628/4	1.0	0.300177	50.0	582823.0	0.300177	Y
4	STD5 460-808628/5	5.0	1.361093	50.0	587873.0	0.272219	Y
5	STD20 460-808628/6	20.0	5.328552	50.0	576179.0	0.266428	Y
6	STD50 460-808628/7	50.0	13.251437	50.0	550246.0	0.265029	Y
7	STD200 460-808628/8	200.0	52.837716	50.0	534814.0	0.264189	Y
8	STD500 460-808628/9	500.0	124.756833	50.0	528341.0	0.249514	Y



# Calibration

/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

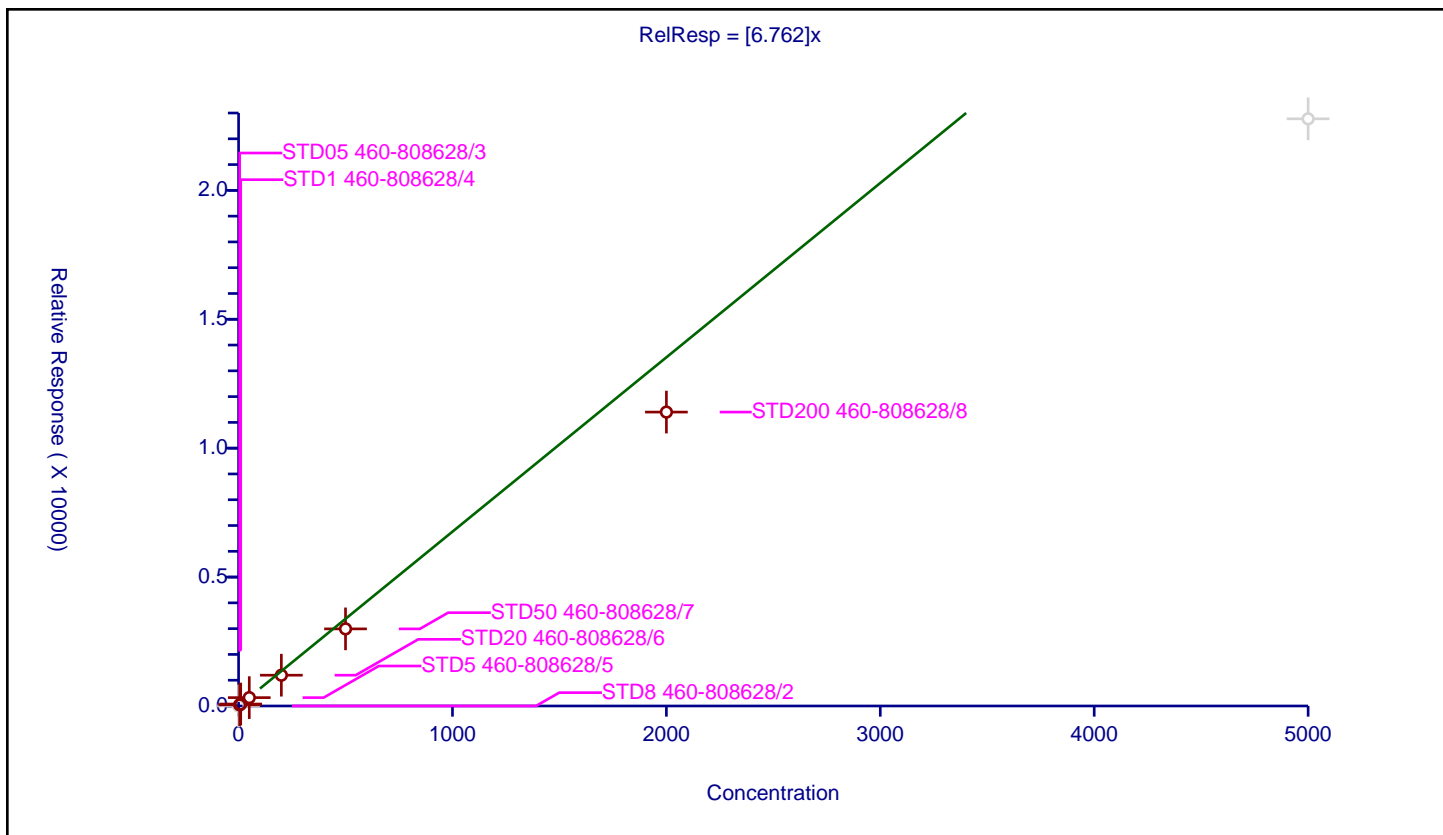
## Curve Coefficients

Intercept: 0  
 Slope: 6.762

## Error Coefficients

Standard Error: 265000  
 Relative Standard Error: 18.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.946

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	57421.0	NaN	N
2	STD05 460-808628/3	5.0	44.169172	1000.0	52231.0	8.833834	Y
3	STD1 460-808628/4	10.0	75.990725	1000.0	56928.0	7.599073	Y
4	STD5 460-808628/5	50.0	324.28067	1000.0	53244.0	6.485613	Y
5	STD20 460-808628/6	200.0	1194.263549	1000.0	56202.0	5.971318	Y
6	STD50 460-808628/7	500.0	2990.679069	1000.0	51497.0	5.981358	Y
7	STD200 460-808628/8	2000.0	11399.792295	1000.0	51034.0	5.699896	Y
8	STD500 460-808628/9	5000.0	22774.109663	1000.0	63066.0	4.554822	N



# Calibration

/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

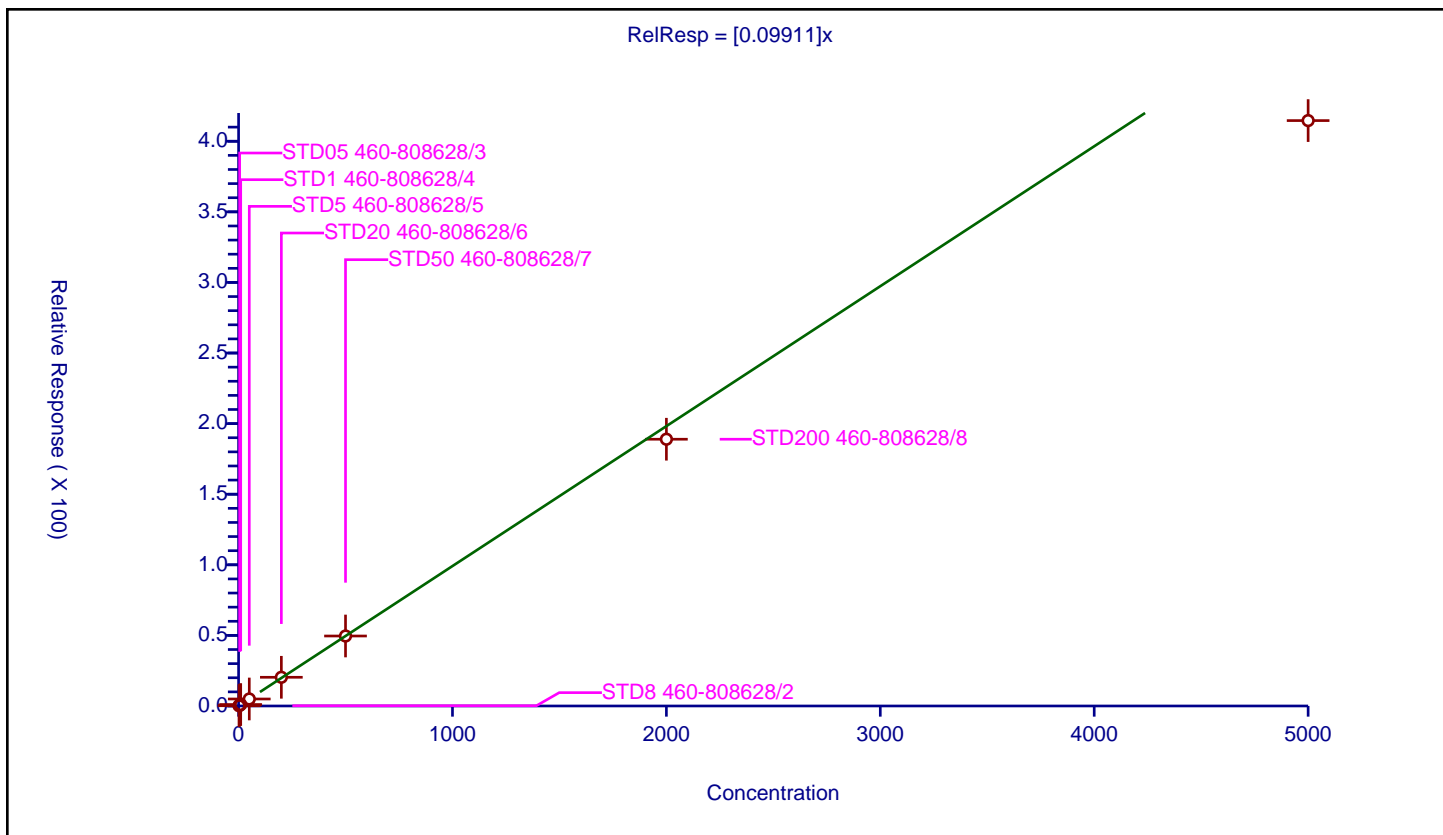
## Curve Coefficients

Intercept: 0  
 Slope: 0.09911

## Error Coefficients

Standard Error: 1840000  
 Relative Standard Error: 11.4  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	2.0	0.184243	50.0	590254.0	0.092121	Y
2	STD05 460-808628/3	5.0	0.613837	50.0	585497.0	0.122767	Y
3	STD1 460-808628/4	10.0	1.005537	50.0	582823.0	0.100554	Y
4	STD5 460-808628/5	50.0	4.958979	50.0	587873.0	0.09918	Y
5	STD20 460-808628/6	200.0	20.338471	50.0	576179.0	0.101692	Y
6	STD50 460-808628/7	500.0	49.566012	50.0	550246.0	0.099132	Y
7	STD200 460-808628/8	2000.0	188.951579	50.0	534814.0	0.094476	Y
8	STD500 460-808628/9	5000.0	414.631554	50.0	528341.0	0.082926	Y



## Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

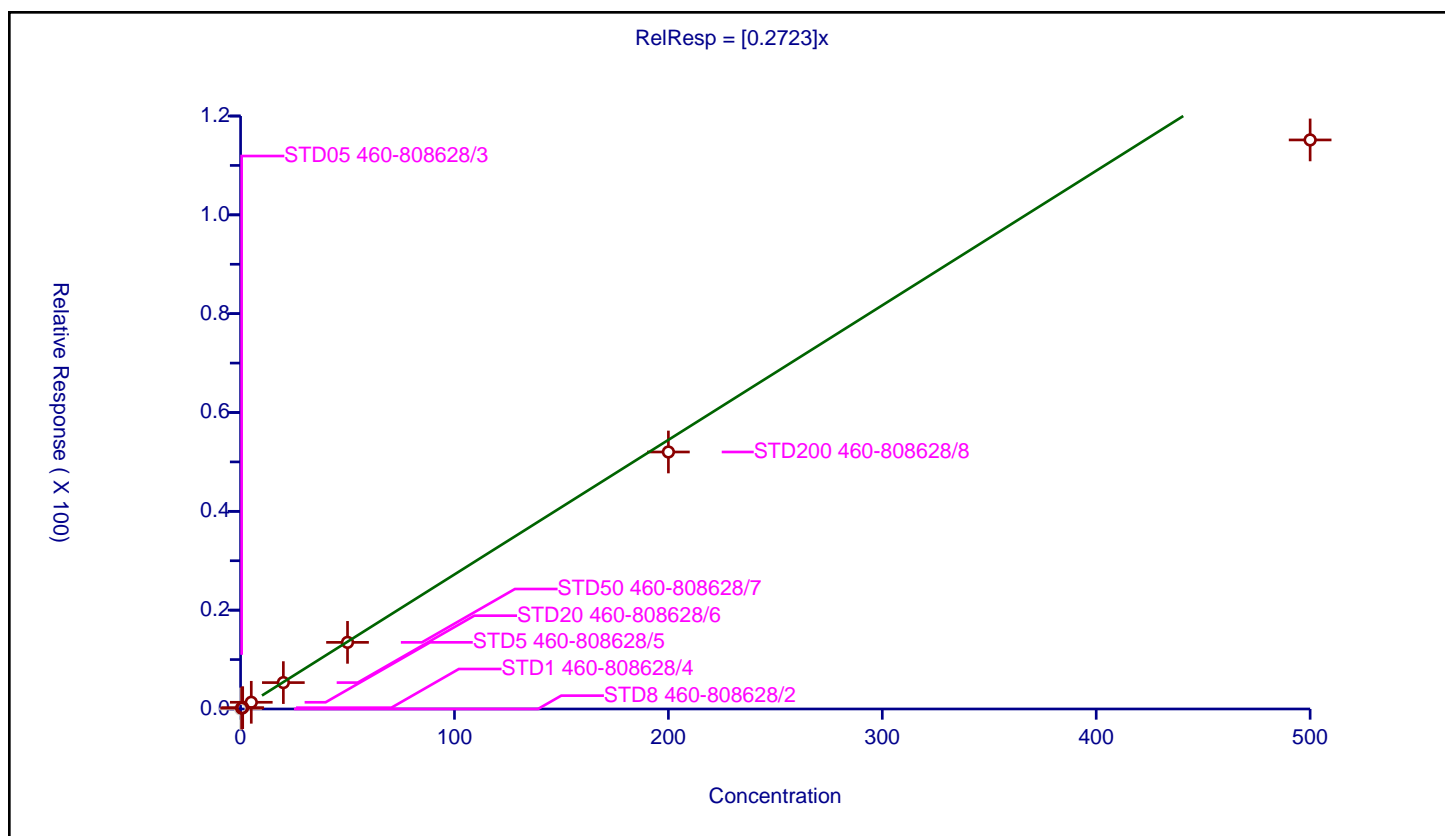
## Curve Coefficients

Intercept: 0  
Slope: 0.2723

## Error Coefficients

Standard Error: 550000  
Relative Standard Error: 12.3  
Correlation Coefficient: 0.997  
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.170624	50.0	585497.0	0.341249	Y
3	STD1 460-808628/4	1.0	0.266119	50.0	582823.0	0.266119	Y
4	STD5 460-808628/5	5.0	1.358202	50.0	587873.0	0.27164	Y
5	STD20 460-808628/6	20.0	5.341569	50.0	576179.0	0.267078	Y
6	STD50 460-808628/7	50.0	13.482152	50.0	550246.0	0.269643	Y
7	STD200 460-808628/8	200.0	52.010886	50.0	534814.0	0.260054	Y
8	STD500 460-808628/9	500.0	115.160001	50.0	528341.0	0.23032	Y



# Calibration

/ Methyl tert-butyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

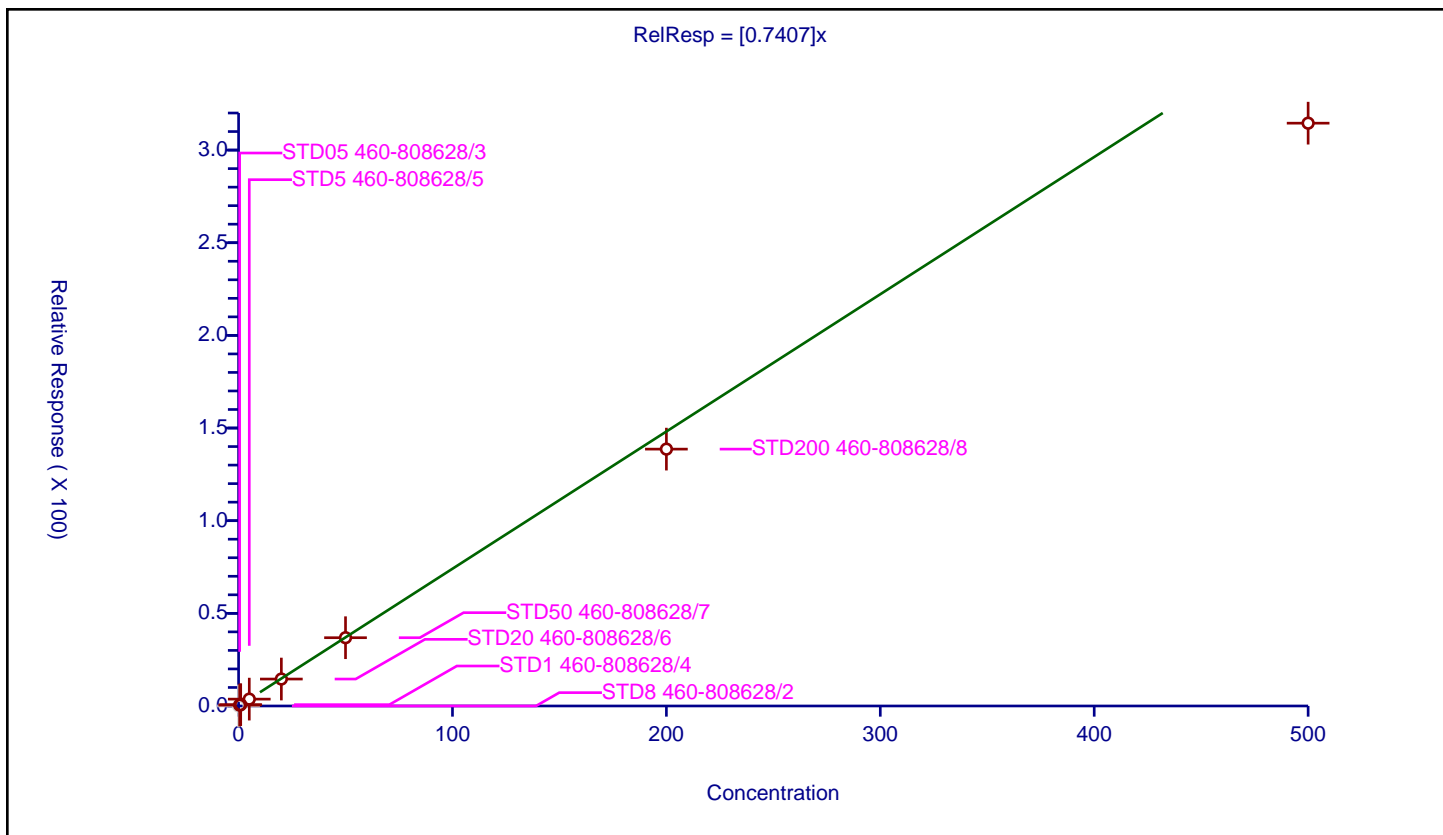
## Curve Coefficients

Intercept: 0  
 Slope: 0.7407

## Error Coefficients

Standard Error: 1500000  
 Relative Standard Error: 12.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.468405	50.0	585497.0	0.936811	Y
3	STD1 460-808628/4	1.0	0.719515	50.0	582823.0	0.719515	Y
4	STD5 460-808628/5	5.0	3.711941	50.0	587873.0	0.742388	Y
5	STD20 460-808628/6	20.0	14.540707	50.0	576179.0	0.727035	Y
6	STD50 460-808628/7	50.0	36.841976	50.0	550246.0	0.73684	Y
7	STD200 460-808628/8	200.0	138.625204	50.0	534814.0	0.693126	Y
8	STD500 460-808628/9	500.0	314.520736	50.0	528341.0	0.629041	Y



# Calibration

/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

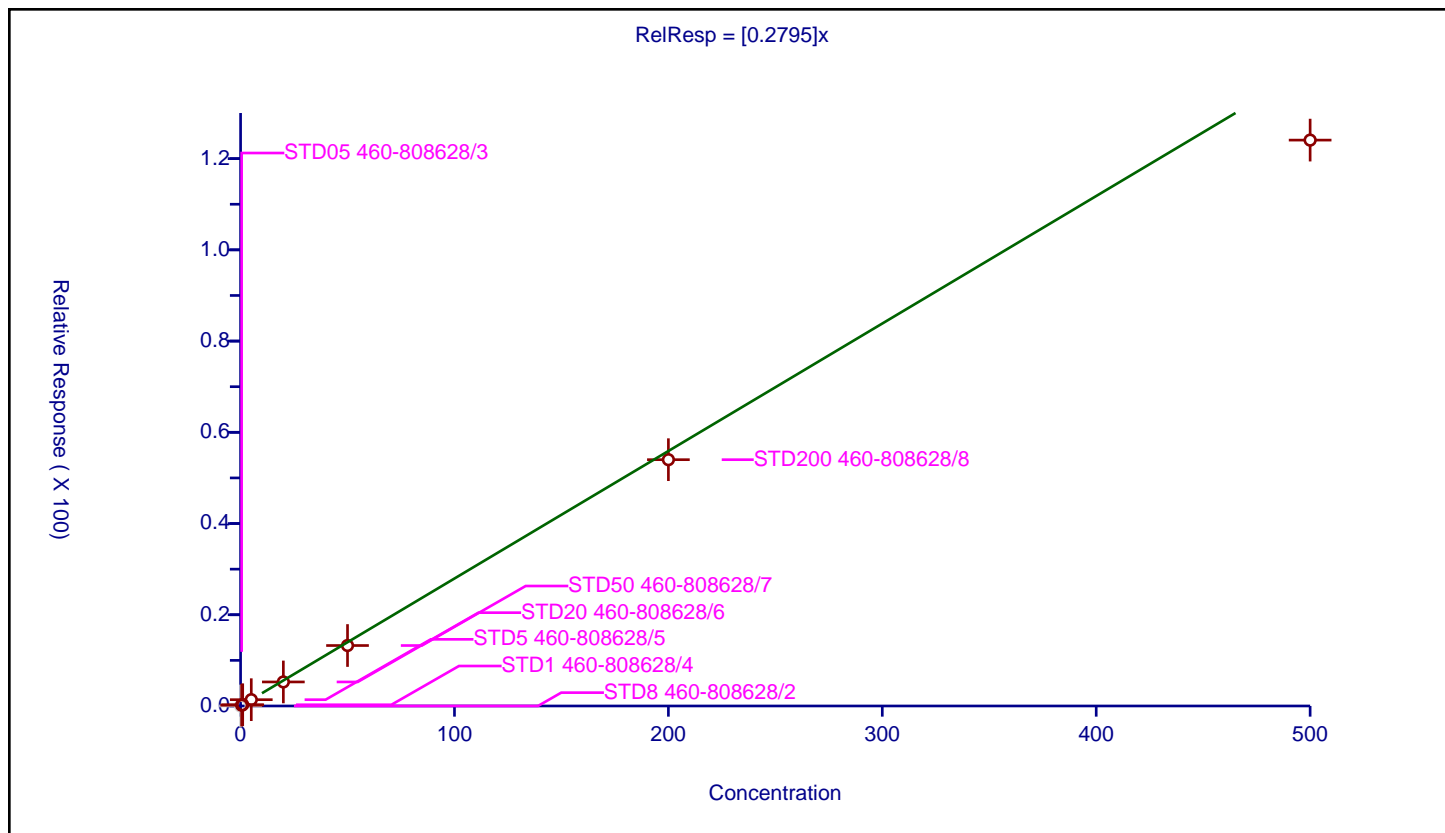
## Curve Coefficients

Intercept: 0  
 Slope: 0.2795

## Error Coefficients

Standard Error: 588000  
 Relative Standard Error: 13.0  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.179591	50.0	585497.0	0.359182	Y
3	STD1 460-808628/4	1.0	0.273496	50.0	582823.0	0.273496	Y
4	STD5 460-808628/5	5.0	1.384653	50.0	587873.0	0.276931	Y
5	STD20 460-808628/6	20.0	5.272754	50.0	576179.0	0.263638	Y
6	STD50 460-808628/7	50.0	13.255617	50.0	550246.0	0.265112	Y
7	STD200 460-808628/8	200.0	53.998025	50.0	534814.0	0.26999	Y
8	STD500 460-808628/9	500.0	124.057569	50.0	528341.0	0.248115	Y





# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

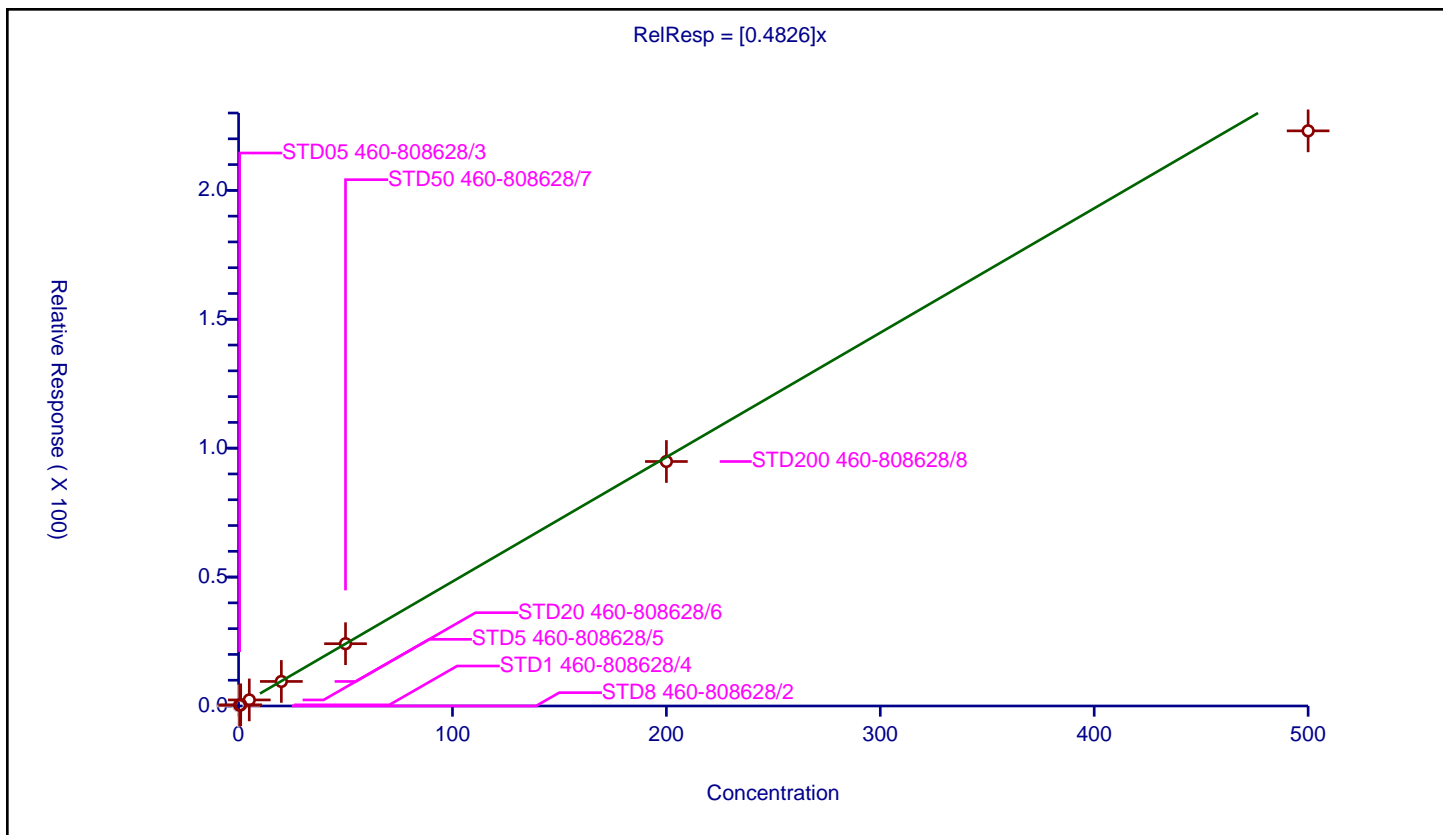
## Curve Coefficients

Intercept: 0  
 Slope: 0.4826

## Error Coefficients

Standard Error: 1050000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.28796	50.0	585497.0	0.575921	Y
3	STD1 460-808628/4	1.0	0.450909	50.0	582823.0	0.450909	Y
4	STD5 460-808628/5	5.0	2.357397	50.0	587873.0	0.471479	Y
5	STD20 460-808628/6	20.0	9.525252	50.0	576179.0	0.476263	Y
6	STD50 460-808628/7	50.0	24.161375	50.0	550246.0	0.483228	Y
7	STD200 460-808628/8	200.0	94.837644	50.0	534814.0	0.474188	Y
8	STD500 460-808628/9	500.0	223.081684	50.0	528341.0	0.446163	Y



# Calibration

/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

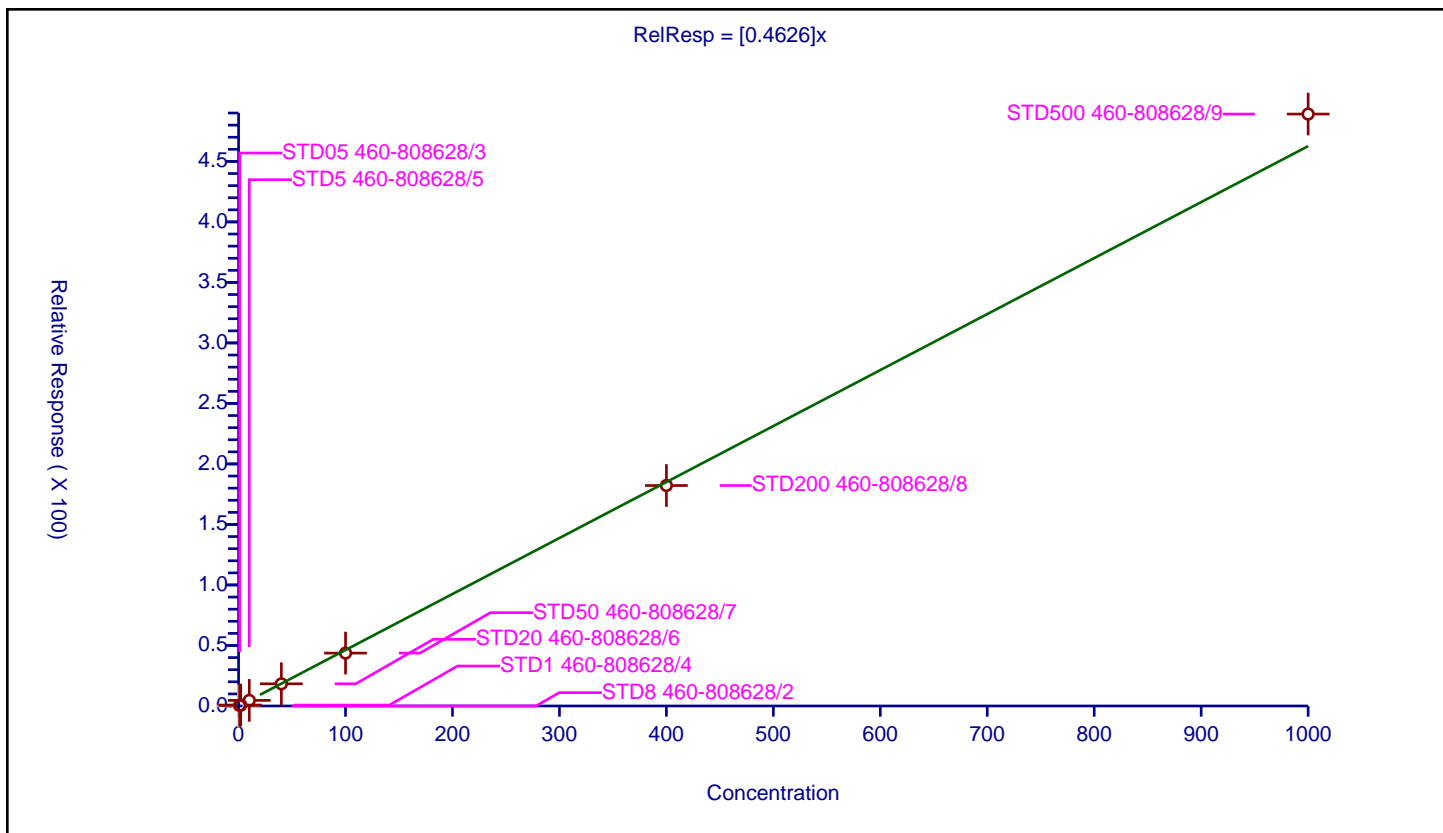
## Curve Coefficients

Intercept: 0  
 Slope: 0.4626

## Error Coefficients

Standard Error: 246000  
 Relative Standard Error: 11.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	1.0	0.557427	250.0	362828.0	0.557427	Y
3	STD1 460-808628/4	2.0	0.75431	250.0	385783.0	0.377155	Y
4	STD5 460-808628/5	10.0	4.639043	250.0	357563.0	0.463904	Y
5	STD20 460-808628/6	40.0	18.331444	250.0	362601.0	0.458286	Y
6	STD50 460-808628/7	100.0	43.705225	250.0	343666.0	0.437052	Y
7	STD200 460-808628/8	400.0	182.18691	250.0	316506.0	0.455467	Y
8	STD500 460-808628/9	1000.0	489.148035	250.0	282852.0	0.489148	Y



# Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

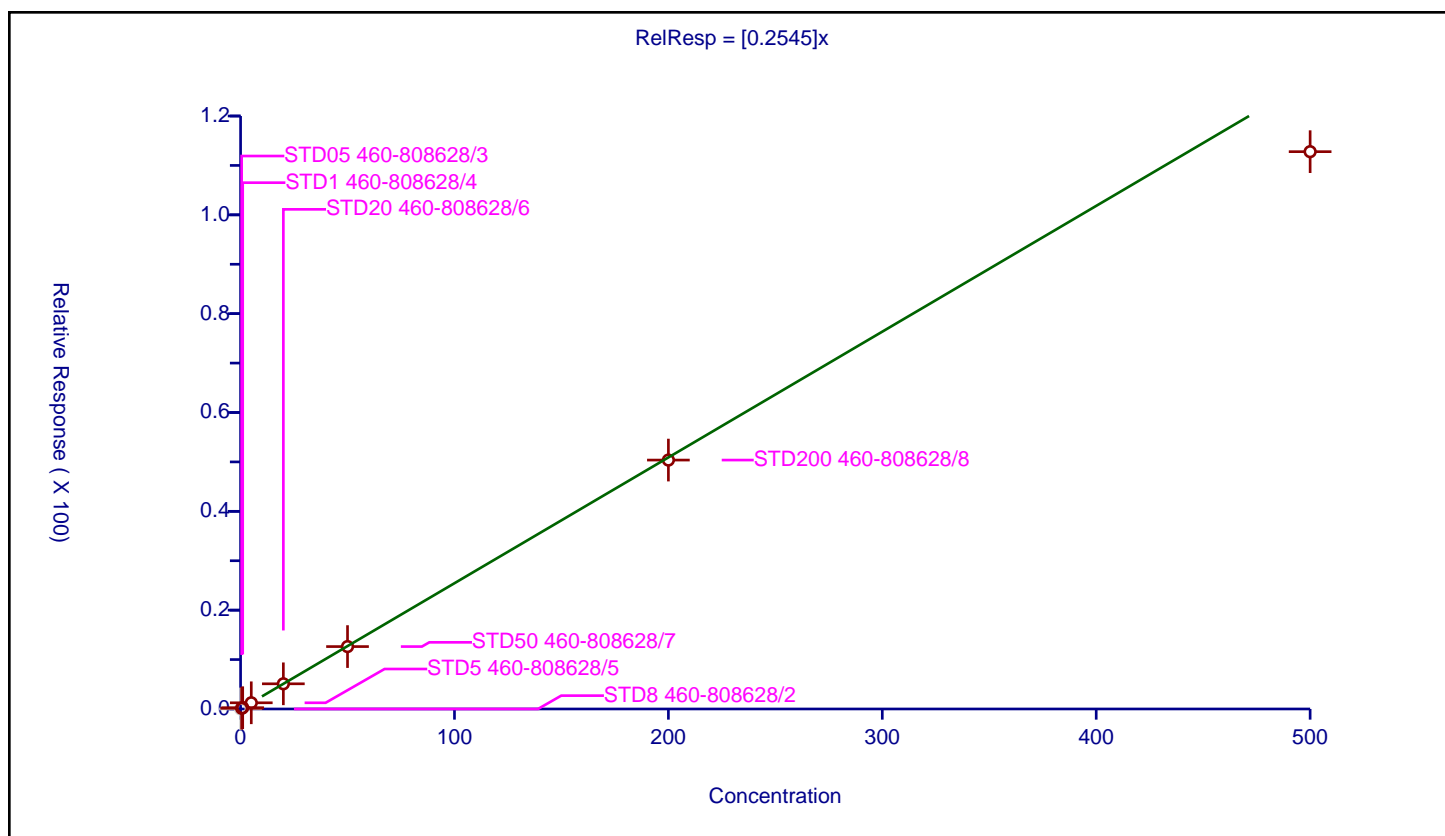
## Curve Coefficients

Intercept: 0  
 Slope: 0.2545

## Error Coefficients

Standard Error: 537000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.145517	50.0	585497.0	0.291035	Y
3	STD1 460-808628/4	1.0	0.254794	50.0	582823.0	0.254794	Y
4	STD5 460-808628/5	5.0	1.254778	50.0	587873.0	0.250956	Y
5	STD20 460-808628/6	20.0	5.098329	50.0	576179.0	0.254916	Y
6	STD50 460-808628/7	50.0	12.629079	50.0	550246.0	0.252582	Y
7	STD200 460-808628/8	200.0	50.372372	50.0	534814.0	0.251862	Y
8	STD500 460-808628/9	500.0	112.784736	50.0	528341.0	0.225569	Y



## Calibration

/ Isopropyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

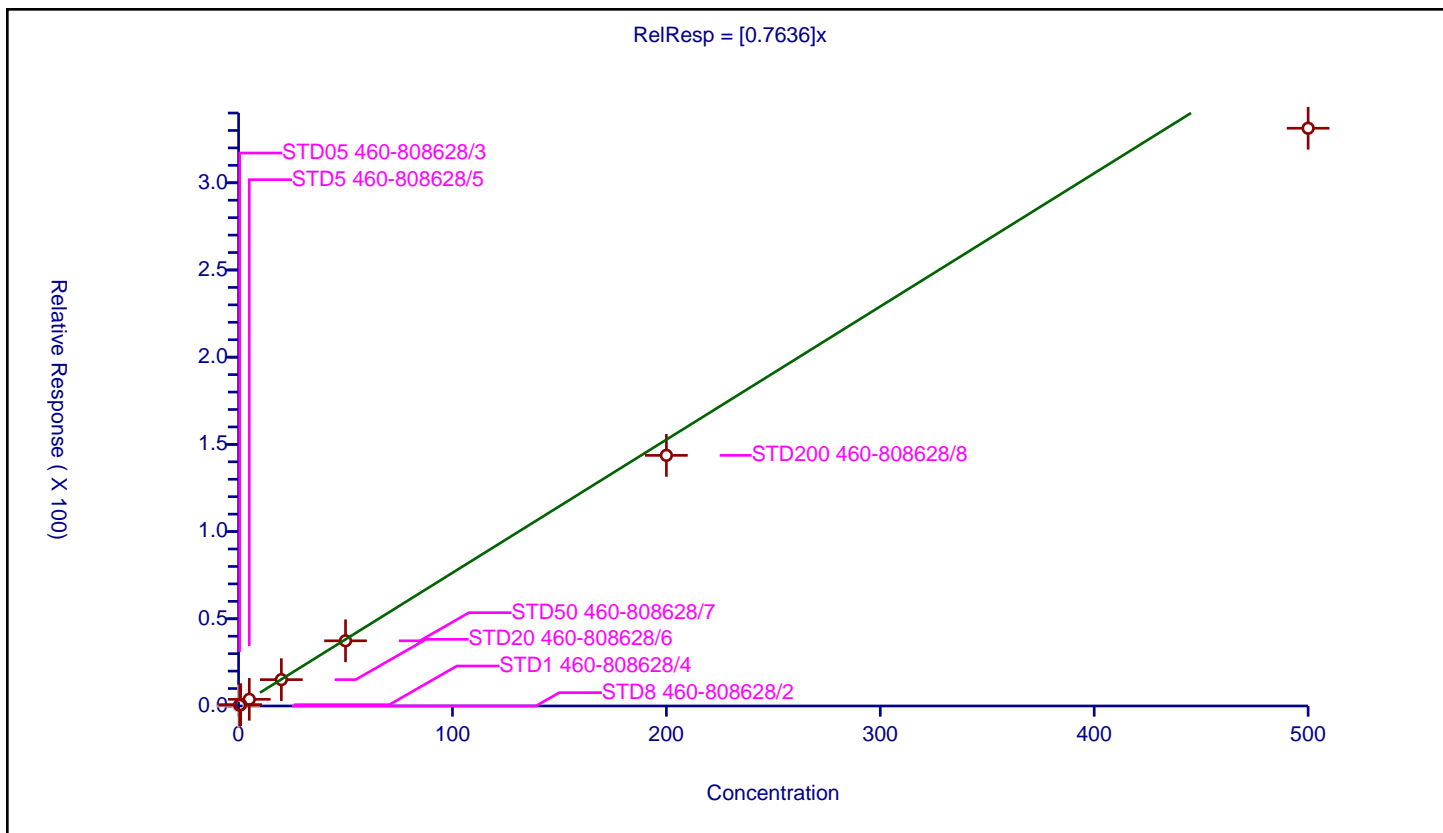
### Curve Coefficients

Intercept: 0  
 Slope: 0.7636

### Error Coefficients

Standard Error: 1570000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.469857	50.0	585497.0	0.939714	Y
3	STD1 460-808628/4	1.0	0.754775	50.0	582823.0	0.754775	Y
4	STD5 460-808628/5	5.0	3.833906	50.0	587873.0	0.766781	Y
5	STD20 460-808628/6	20.0	15.108586	50.0	576179.0	0.755429	Y
6	STD50 460-808628/7	50.0	37.372557	50.0	550246.0	0.747451	Y
7	STD200 460-808628/8	200.0	143.706691	50.0	534814.0	0.718533	Y
8	STD500 460-808628/9	500.0	331.267023	50.0	528341.0	0.662534	Y



# Calibration

/ Tert-butyl ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

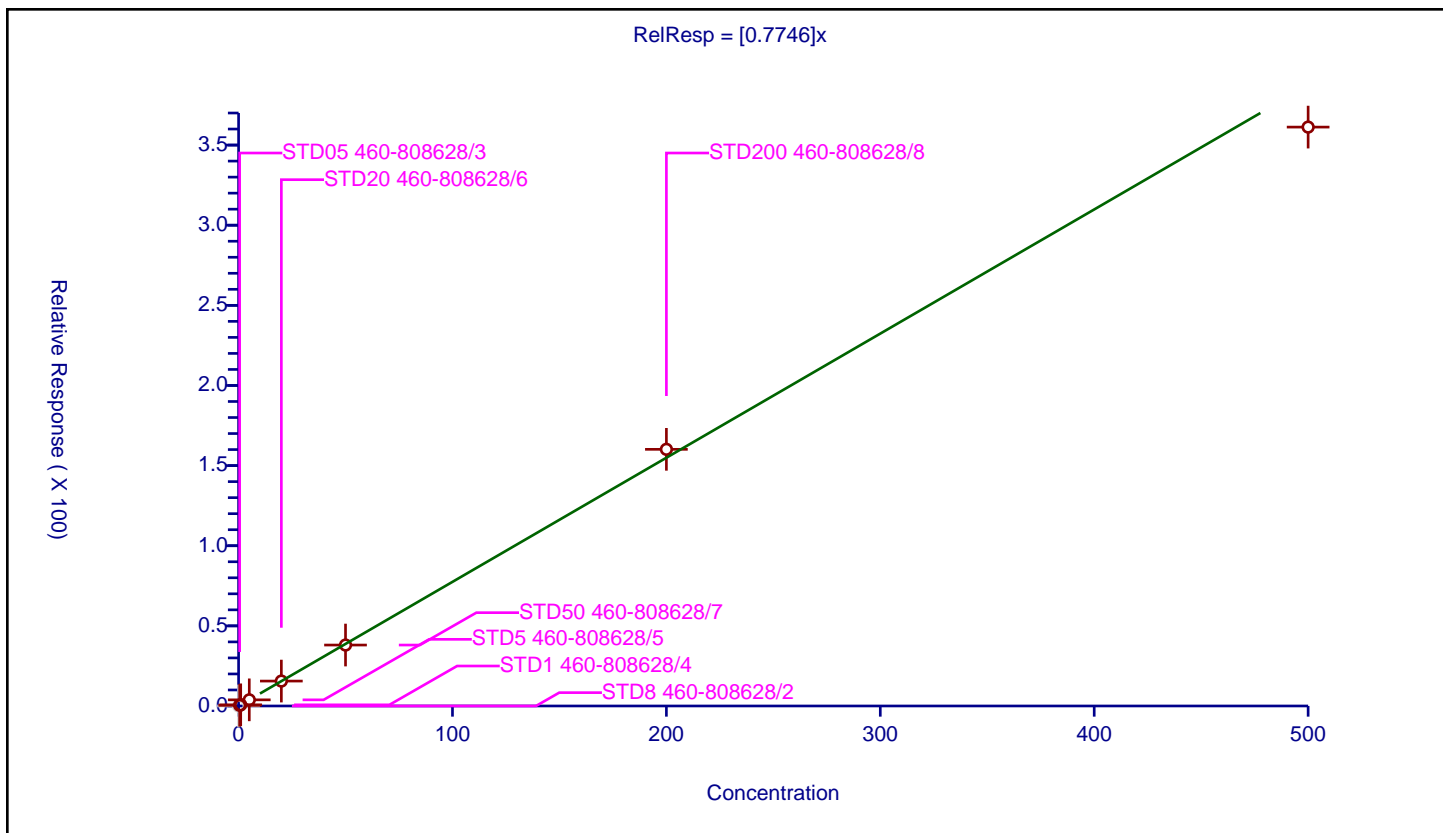
## Curve Coefficients

Intercept: 0  
 Slope: 0.7746

## Error Coefficients

Standard Error: 1720000  
 Relative Standard Error: 6.2  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.432112	50.0	585497.0	0.864223	Y
3	STD1 460-808628/4	1.0	0.730582	50.0	582823.0	0.730582	Y
4	STD5 460-808628/5	5.0	3.828548	50.0	587873.0	0.76571	Y
5	STD20 460-808628/6	20.0	15.553413	50.0	576179.0	0.777671	Y
6	STD50 460-808628/7	50.0	38.025992	50.0	550246.0	0.76052	Y
7	STD200 460-808628/8	200.0	160.150912	50.0	534814.0	0.800755	Y
8	STD500 460-808628/9	500.0	361.210279	50.0	528341.0	0.722421	Y



# Calibration

/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

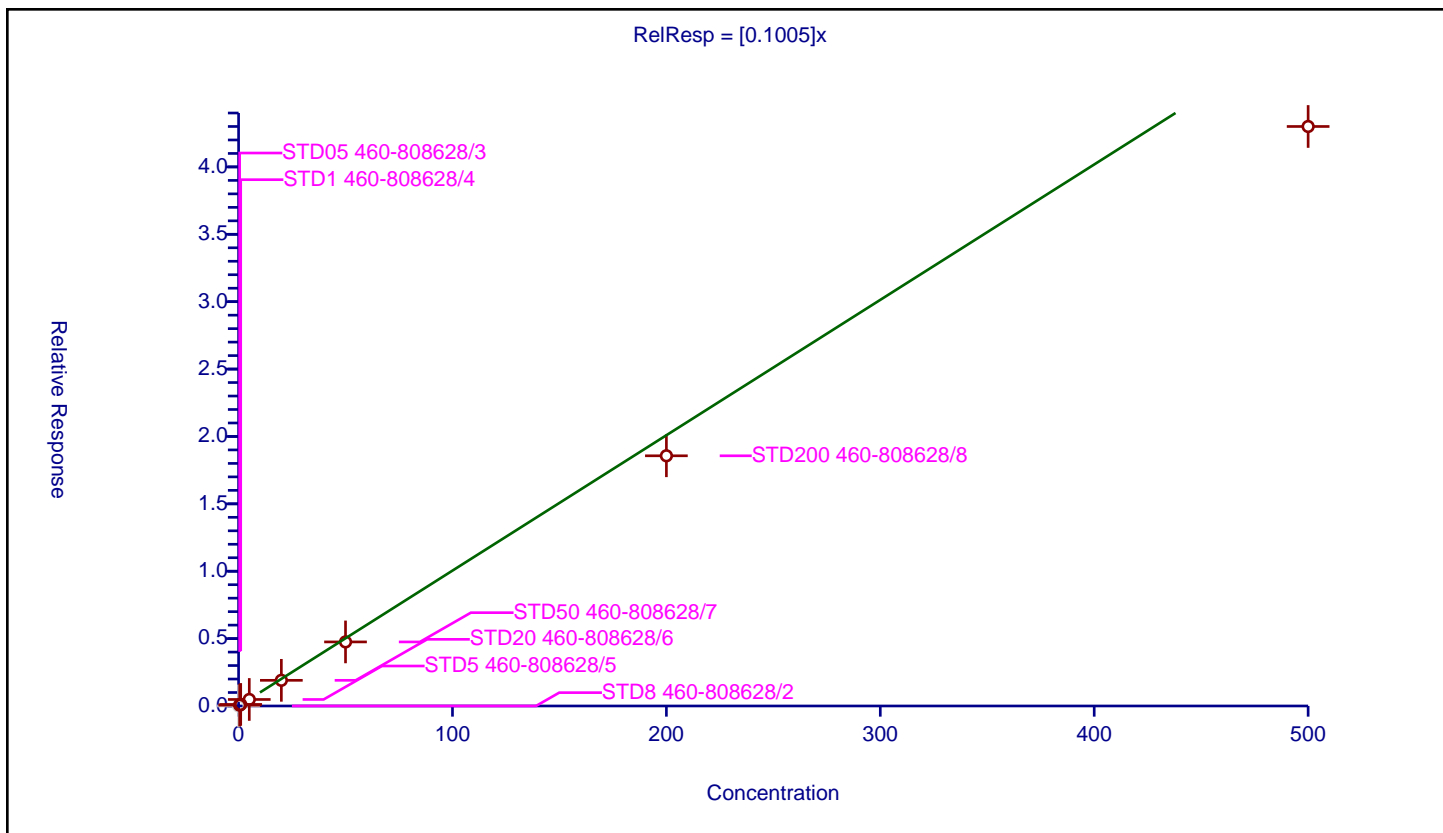
## Curve Coefficients

Intercept: 0  
 Slope: 0.1005

## Error Coefficients

Standard Error: 204000  
 Relative Standard Error: 13.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.061913	50.0	585497.0	0.123826	Y
3	STD1 460-808628/4	1.0	0.113242	50.0	582823.0	0.113242	Y
4	STD5 460-808628/5	5.0	0.484543	50.0	587873.0	0.096909	Y
5	STD20 460-808628/6	20.0	1.905397	50.0	576179.0	0.09527	Y
6	STD50 460-808628/7	50.0	4.754692	50.0	550246.0	0.095094	Y
7	STD200 460-808628/8	200.0	18.565894	50.0	534814.0	0.092829	Y
8	STD500 460-808628/9	500.0	43.000543	50.0	528341.0	0.086001	Y



# Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

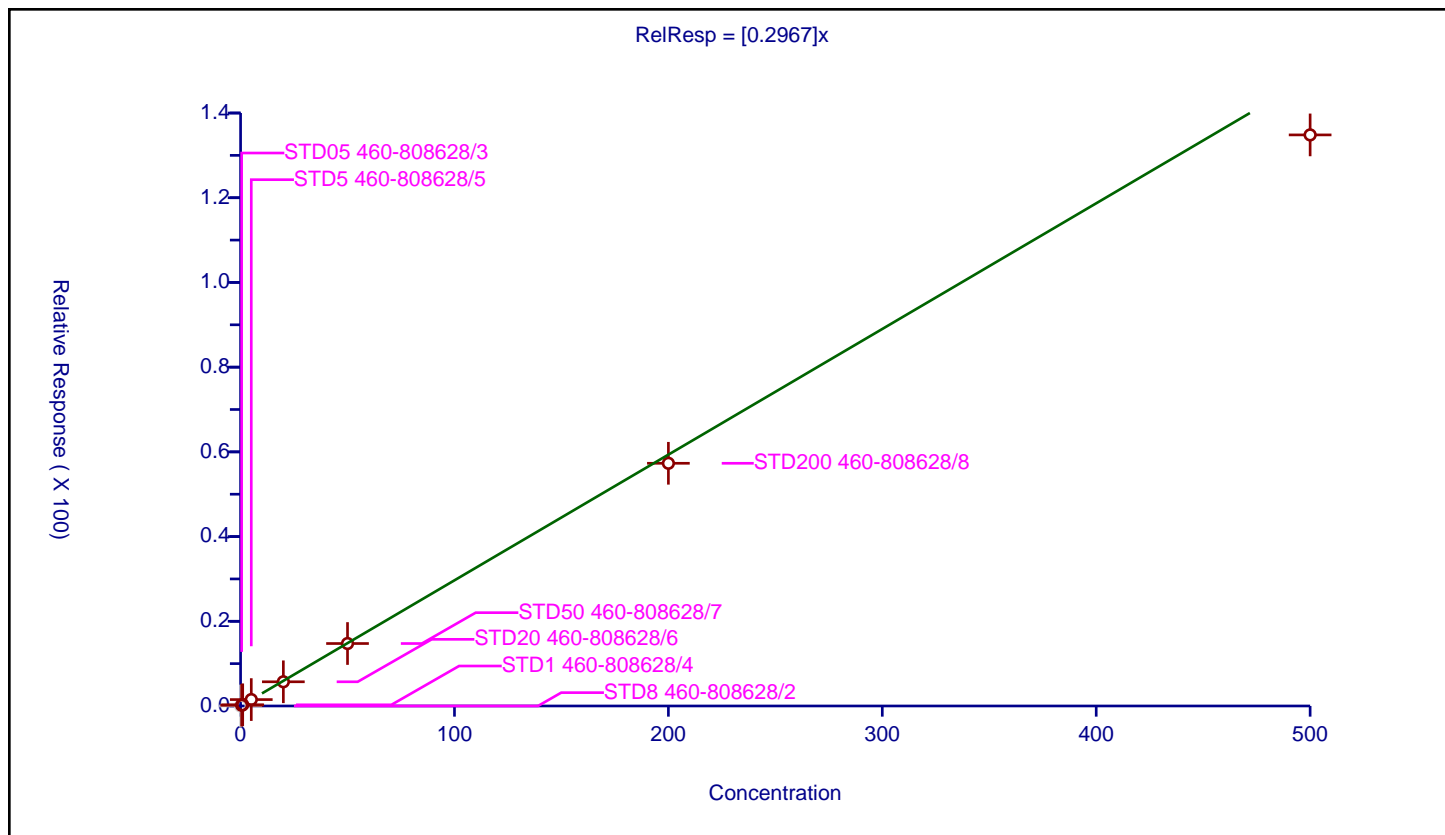
## Curve Coefficients

Intercept: 0  
 Slope: 0.2967

## Error Coefficients

Standard Error: 637000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.178225	50.0	585497.0	0.356449	Y
3	STD1 460-808628/4	1.0	0.280617	50.0	582823.0	0.280617	Y
4	STD5 460-808628/5	5.0	1.514868	50.0	587873.0	0.302974	Y
5	STD20 460-808628/6	20.0	5.715498	50.0	576179.0	0.285775	Y
6	STD50 460-808628/7	50.0	14.747404	50.0	550246.0	0.294948	Y
7	STD200 460-808628/8	200.0	57.300389	50.0	534814.0	0.286502	Y
8	STD500 460-808628/9	500.0	134.833753	50.0	528341.0	0.269668	Y



# Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

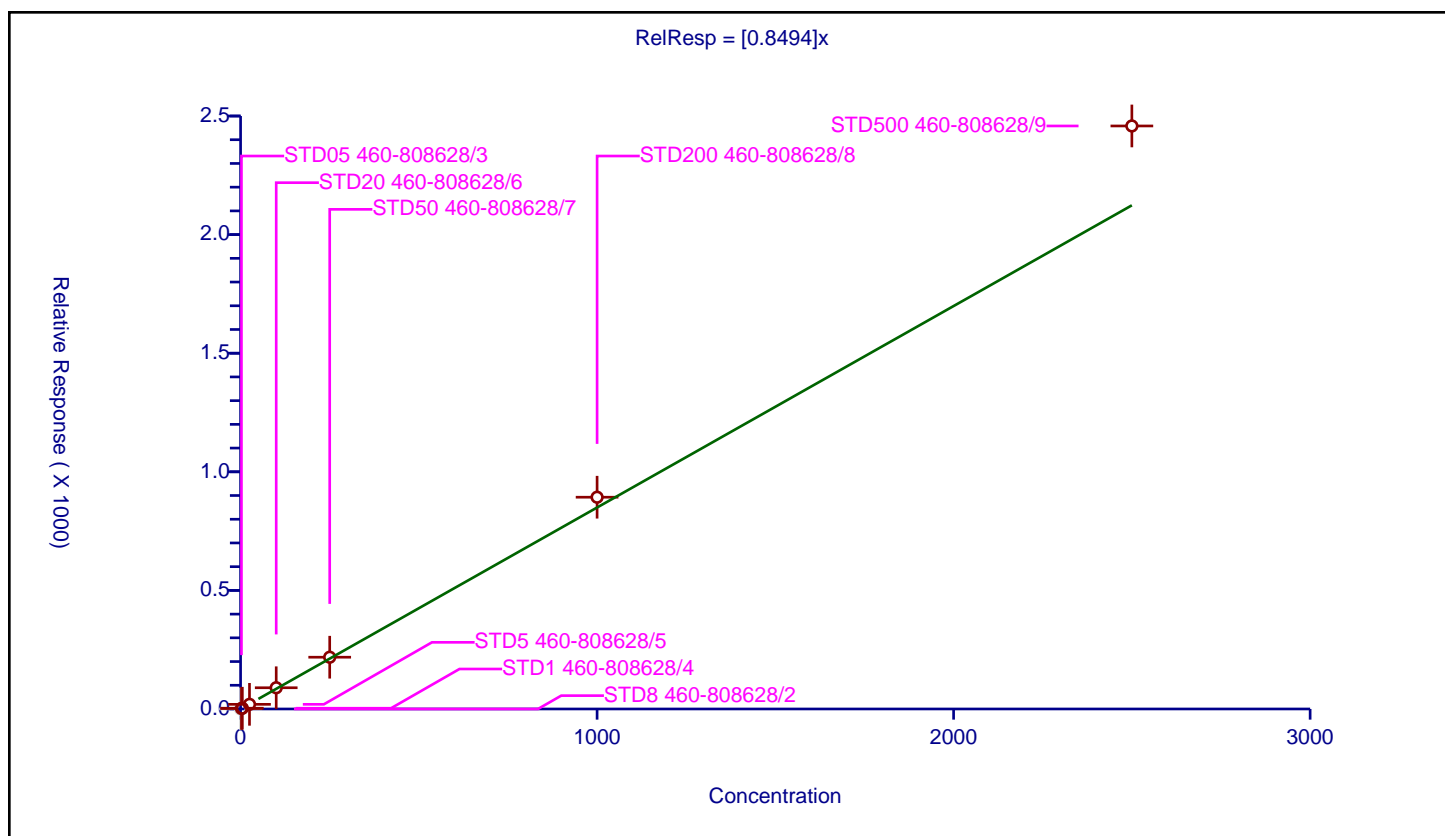
## Curve Coefficients

Intercept: 0  
 Slope: 0.8494

## Error Coefficients

Standard Error: 1230000  
 Relative Standard Error: 12.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	2.5	2.192499	250.0	362828.0	0.877	Y
3	STD1 460-808628/4	5.0	3.207114	250.0	385783.0	0.641423	Y
4	STD5 460-808628/5	25.0	19.574173	250.0	357563.0	0.782967	Y
5	STD20 460-808628/6	100.0	89.511612	250.0	362601.0	0.895116	Y
6	STD50 460-808628/7	250.0	218.30571	250.0	343666.0	0.873223	Y
7	STD200 460-808628/8	1000.0	892.844843	250.0	316506.0	0.892845	Y
8	STD500 460-808628/9	2500.0	2458.018681	250.0	282852.0	0.983207	Y





## Calibration

/ Propionitrile

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

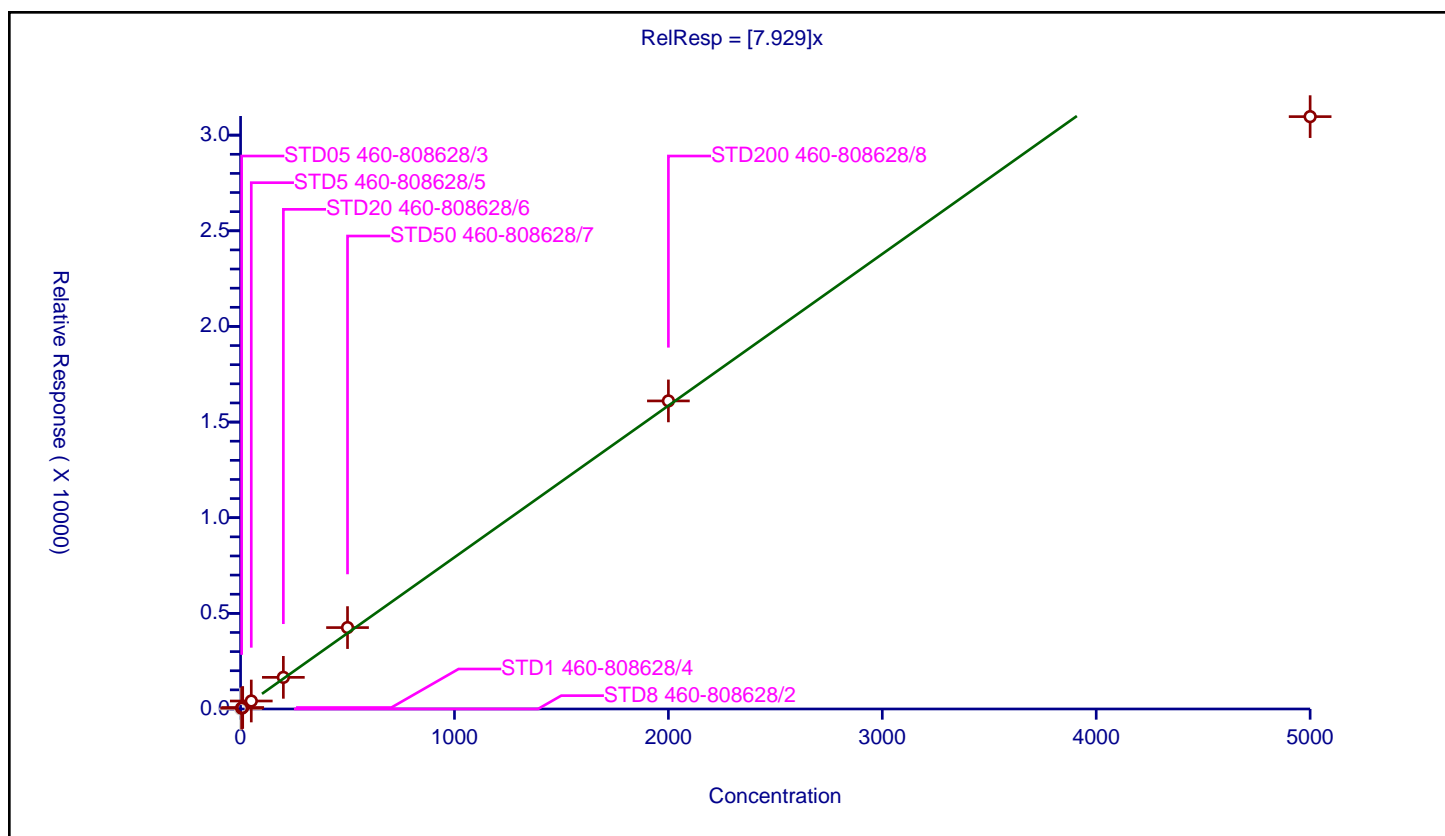
## Curve Coefficients

Intercept: 0  
Slope: 7.929

## Error Coefficients

Standard Error: 853000  
Relative Standard Error: 10.2  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	57421.0	NaN	N
2	STD05 460-808628/3	5.0	41.948268	1000.0	52231.0	8.389654	Y
3	STD1 460-808628/4	10.0	77.220349	1000.0	56928.0	7.722035	Y
4	STD5 460-808628/5	50.0	418.150402	1000.0	53244.0	8.363008	Y
5	STD20 460-808628/6	200.0	1654.478488	1000.0	56202.0	8.272392	Y
6	STD50 460-808628/7	500.0	4255.607123	1000.0	51497.0	8.511214	Y
7	STD200 460-808628/8	2000.0	16105.1064	1000.0	51034.0	8.052553	Y
8	STD500 460-808628/9	5000.0	30968.429899	1000.0	63066.0	6.193686	Y



# Calibration

/ Ethyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

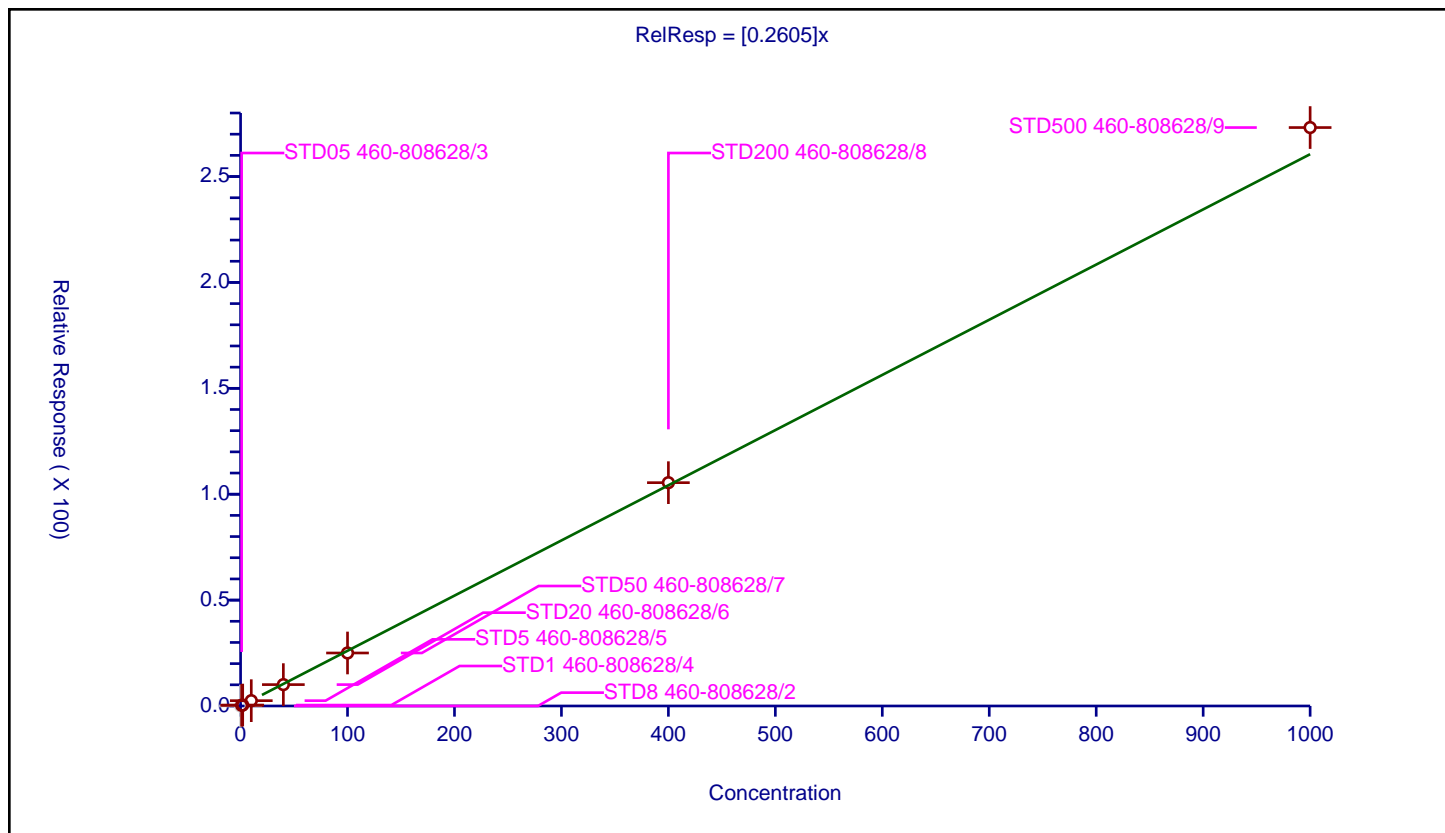
## Curve Coefficients

Intercept: 0  
 Slope: 0.2605

## Error Coefficients

Standard Error: 138000  
 Relative Standard Error: 12.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	1.0	0.319711	250.0	362828.0	0.319711	Y
3	STD1 460-808628/4	2.0	0.42835	250.0	385783.0	0.214175	Y
4	STD5 460-808628/5	10.0	2.505852	250.0	357563.0	0.250585	Y
5	STD20 460-808628/6	40.0	10.090292	250.0	362601.0	0.252257	Y
6	STD50 460-808628/7	100.0	25.028662	250.0	343666.0	0.250287	Y
7	STD200 460-808628/8	400.0	105.452187	250.0	316506.0	0.26363	Y
8	STD500 460-808628/9	1000.0	273.134006	250.0	282852.0	0.273134	Y



# Calibration

/ Methyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

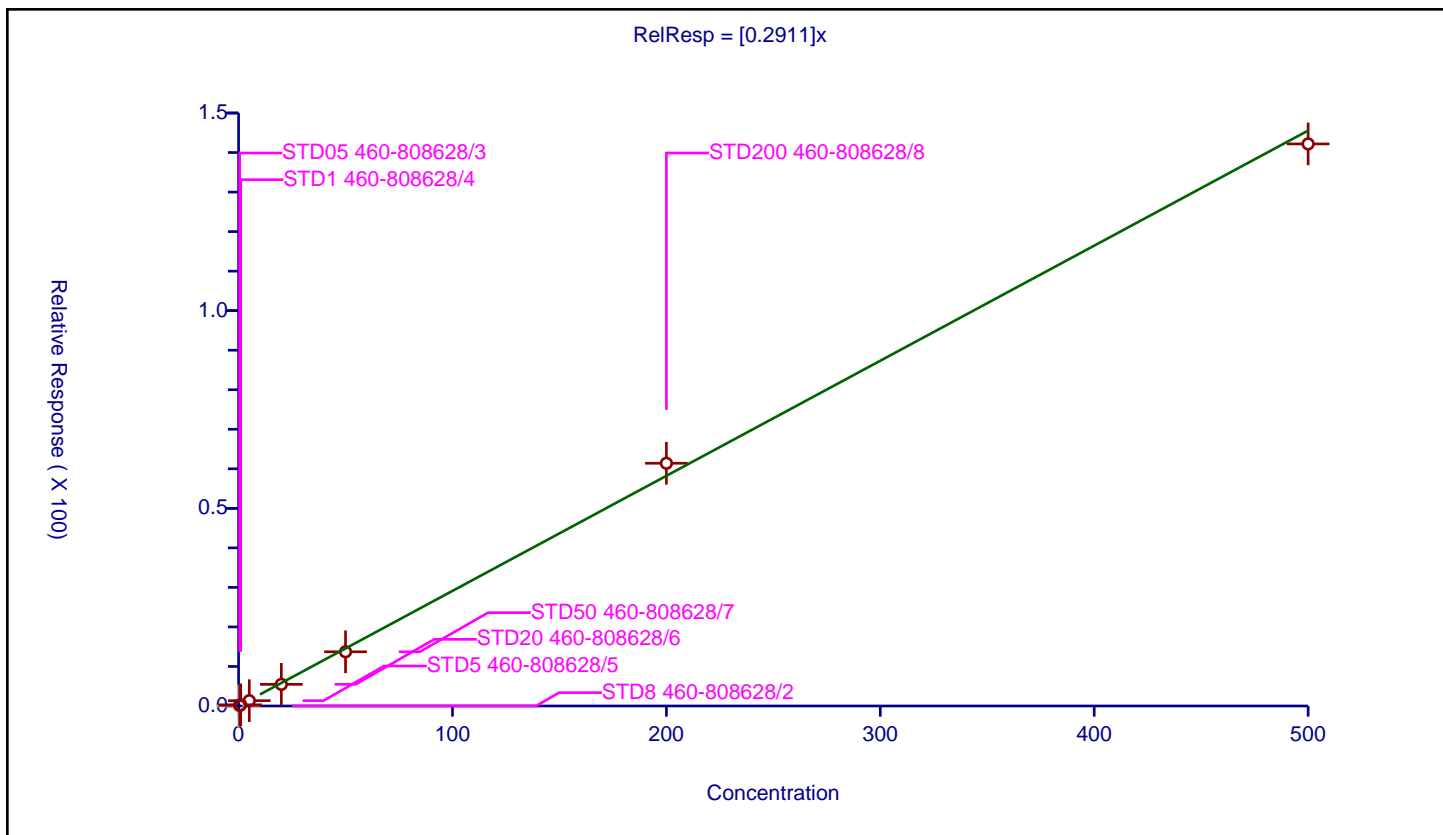
## Curve Coefficients

Intercept: 0  
 Slope: 0.2911

## Error Coefficients

Standard Error: 673000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.163707	50.0	585497.0	0.327414	Y
3	STD1 460-808628/4	1.0	0.302665	50.0	582823.0	0.302665	Y
4	STD5 460-808628/5	5.0	1.343062	50.0	587873.0	0.268612	Y
5	STD20 460-808628/6	20.0	5.470696	50.0	576179.0	0.273535	Y
6	STD50 460-808628/7	50.0	13.710141	50.0	550246.0	0.274203	Y
7	STD200 460-808628/8	200.0	61.400693	50.0	534814.0	0.307003	Y
8	STD500 460-808628/9	500.0	142.179104	50.0	528341.0	0.284358	Y



# Calibration

/ Methacrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

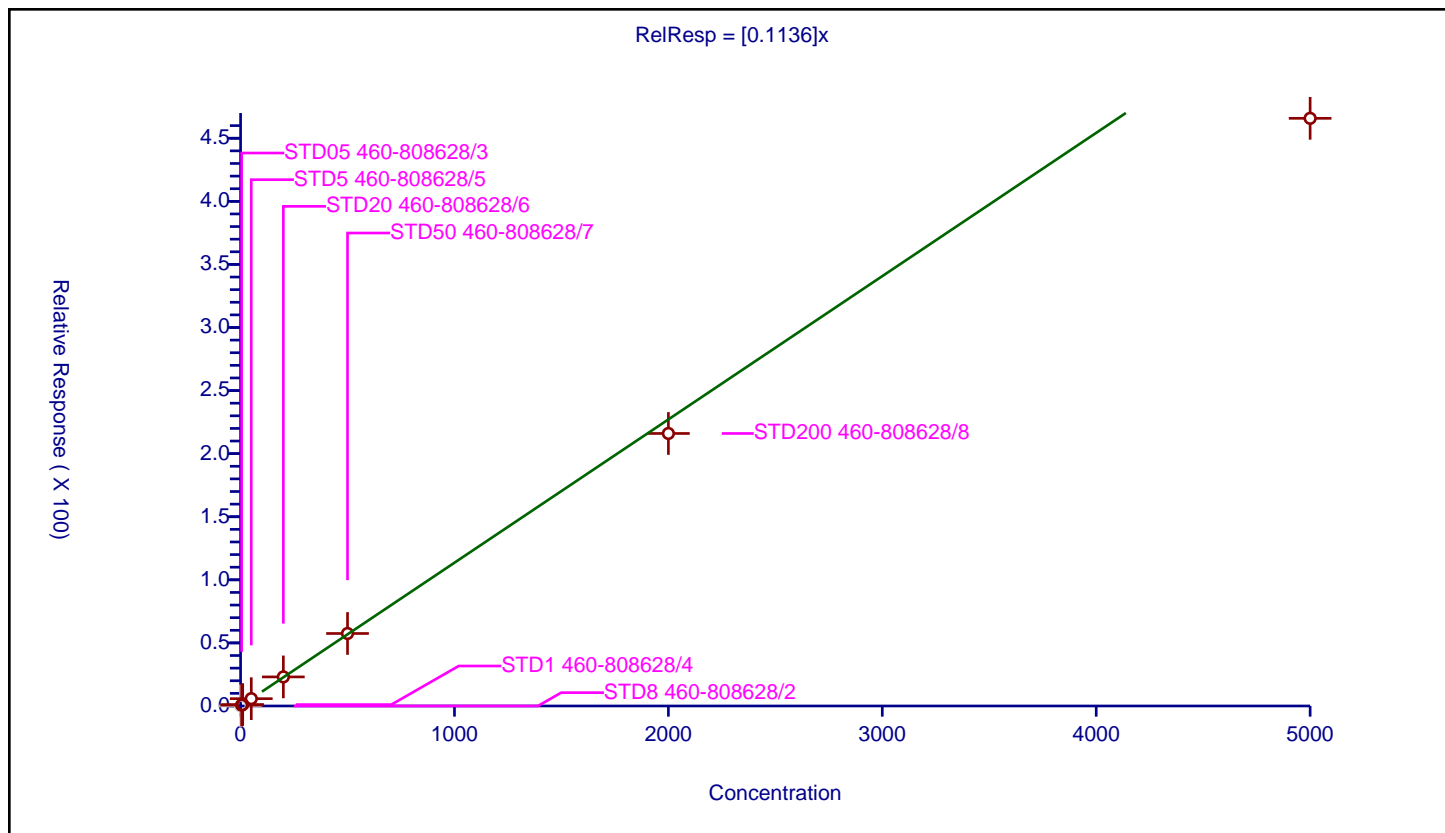
## Curve Coefficients

Intercept: 0  
 Slope: 0.1136

## Error Coefficients

Standard Error: 2240000  
 Relative Standard Error: 11.1  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	5.0	0.679508	50.0	585497.0	0.135902	Y
3	STD1 460-808628/4	10.0	1.116119	50.0	582823.0	0.111612	Y
4	STD5 460-808628/5	50.0	5.806186	50.0	587873.0	0.116124	Y
5	STD20 460-808628/6	200.0	23.052298	50.0	576179.0	0.115261	Y
6	STD50 460-808628/7	500.0	57.460754	50.0	550246.0	0.114922	Y
7	STD200 460-808628/8	2000.0	216.000049	50.0	534814.0	0.108	Y
8	STD500 460-808628/9	5000.0	465.784408	50.0	528341.0	0.093157	Y



# Calibration

/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

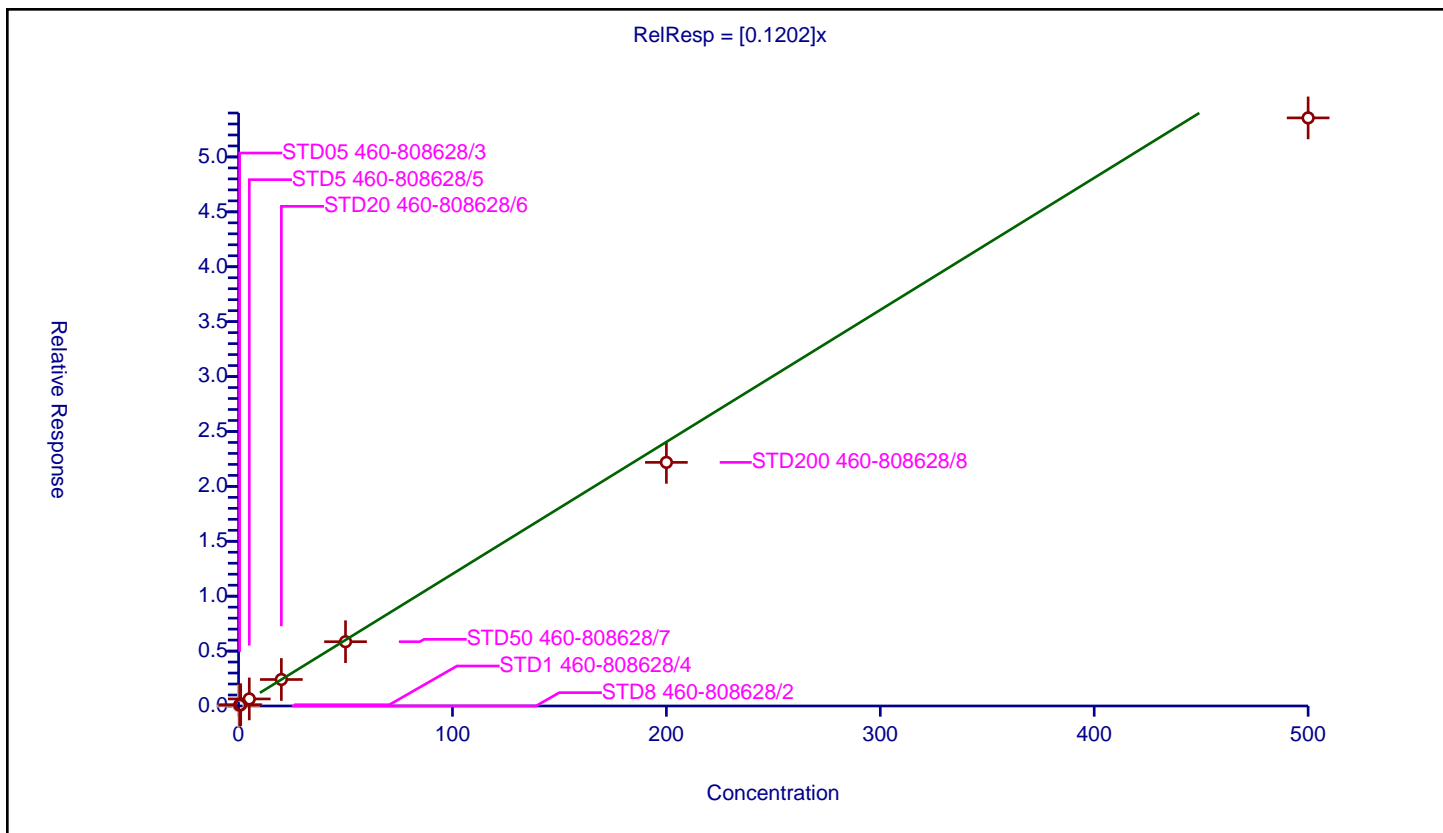
## Curve Coefficients

Intercept: 0  
 Slope: 0.1202

## Error Coefficients

Standard Error: 252000  
 Relative Standard Error: 10.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.071649	50.0	585497.0	0.143297	Y
3	STD1 460-808628/4	1.0	0.114186	50.0	582823.0	0.114186	Y
4	STD5 460-808628/5	5.0	0.641975	50.0	587873.0	0.128395	Y
5	STD20 460-808628/6	20.0	2.412705	50.0	576179.0	0.120635	Y
6	STD50 460-808628/7	50.0	5.853291	50.0	550246.0	0.117066	Y
7	STD200 460-808628/8	200.0	22.185564	50.0	534814.0	0.110928	Y
8	STD500 460-808628/9	500.0	53.555469	50.0	528341.0	0.107111	Y



# Calibration

/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

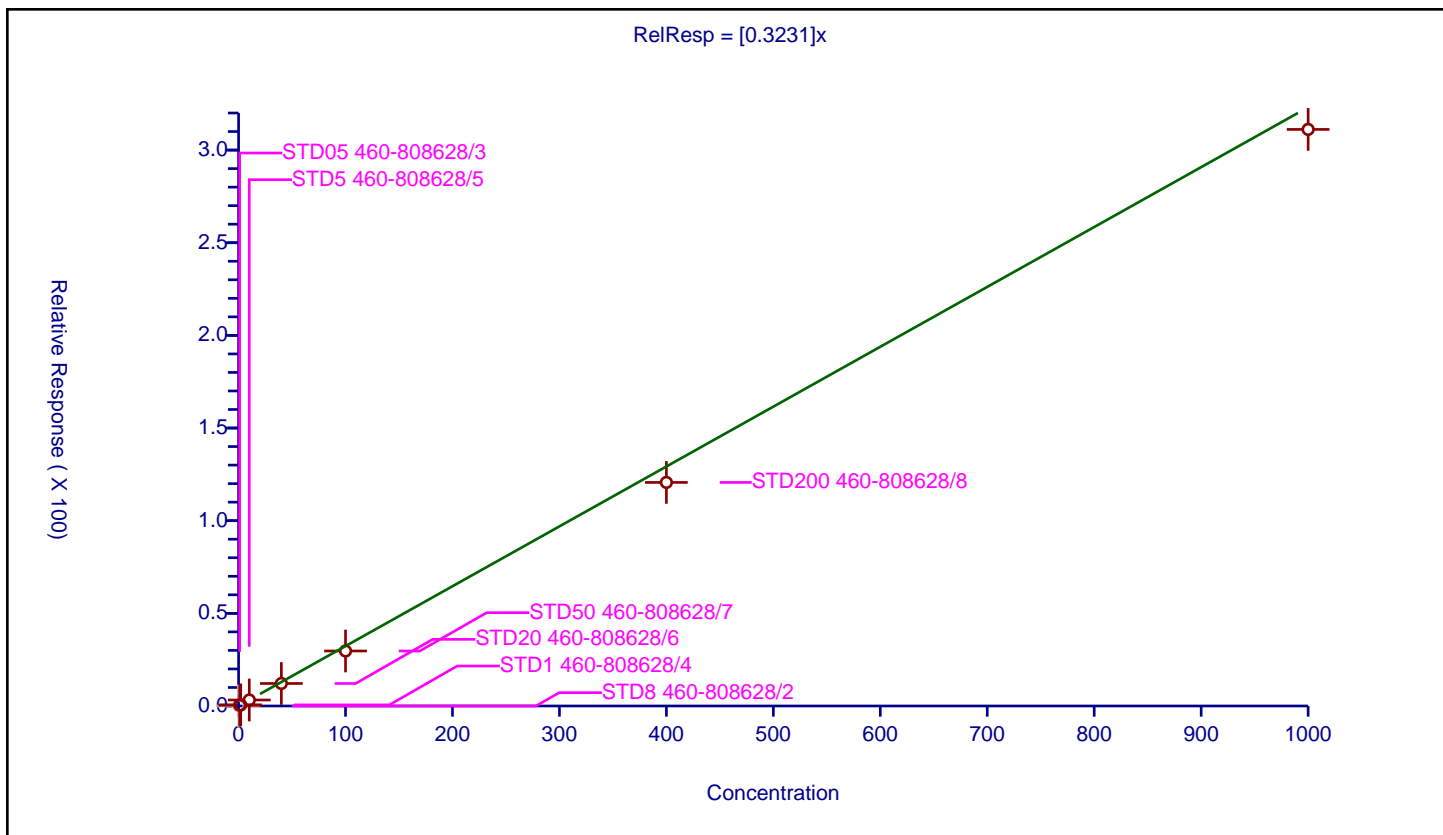
## Curve Coefficients

Intercept: 0  
 Slope: 0.3231

## Error Coefficients

Standard Error: 158000  
 Relative Standard Error: 14.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	1.0	0.426511	250.0	362828.0	0.426511	Y
3	STD1 460-808628/4	2.0	0.596838	250.0	385783.0	0.298419	Y
4	STD5 460-808628/5	10.0	3.235094	250.0	357563.0	0.323509	Y
5	STD20 460-808628/6	40.0	12.145582	250.0	362601.0	0.30364	Y
6	STD50 460-808628/7	100.0	29.678525	250.0	343666.0	0.296785	Y
7	STD200 460-808628/8	400.0	120.647002	250.0	316506.0	0.301618	Y
8	STD500 460-808628/9	1000.0	311.144167	250.0	282852.0	0.311144	Y



# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

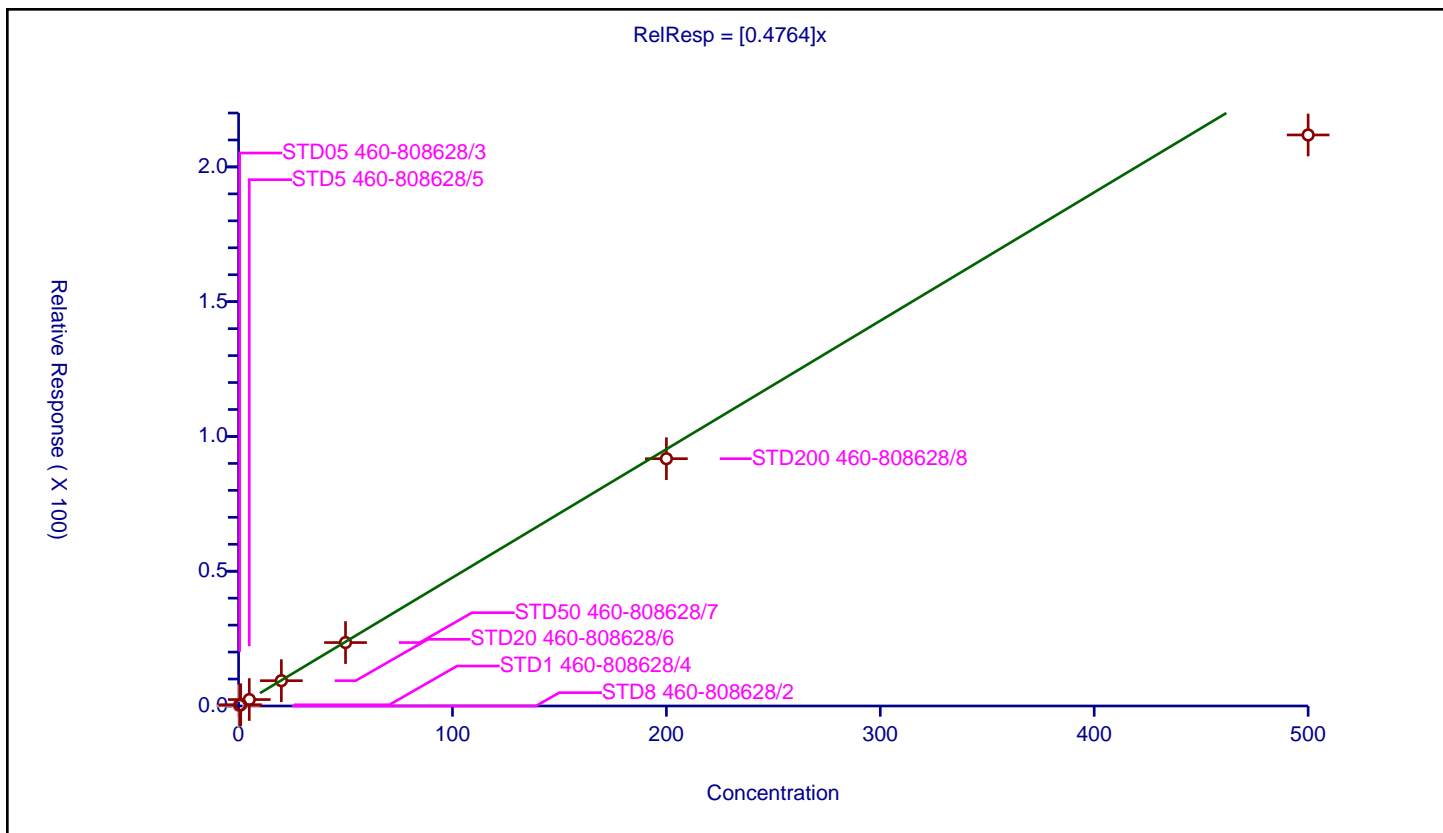
## Curve Coefficients

Intercept: 0  
 Slope: 0.4764

## Error Coefficients

Standard Error: 1000000  
 Relative Standard Error: 11.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.294365	50.0	585497.0	0.588731	Y
3	STD1 460-808628/4	1.0	0.446534	50.0	582823.0	0.446534	Y
4	STD5 460-808628/5	5.0	2.38691	50.0	587873.0	0.477382	Y
5	STD20 460-808628/6	20.0	9.385104	50.0	576179.0	0.469255	Y
6	STD50 460-808628/7	50.0	23.528204	50.0	550246.0	0.470564	Y
7	STD200 460-808628/8	200.0	91.744513	50.0	534814.0	0.458723	Y
8	STD500 460-808628/9	500.0	211.858724	50.0	528341.0	0.423717	Y



# Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

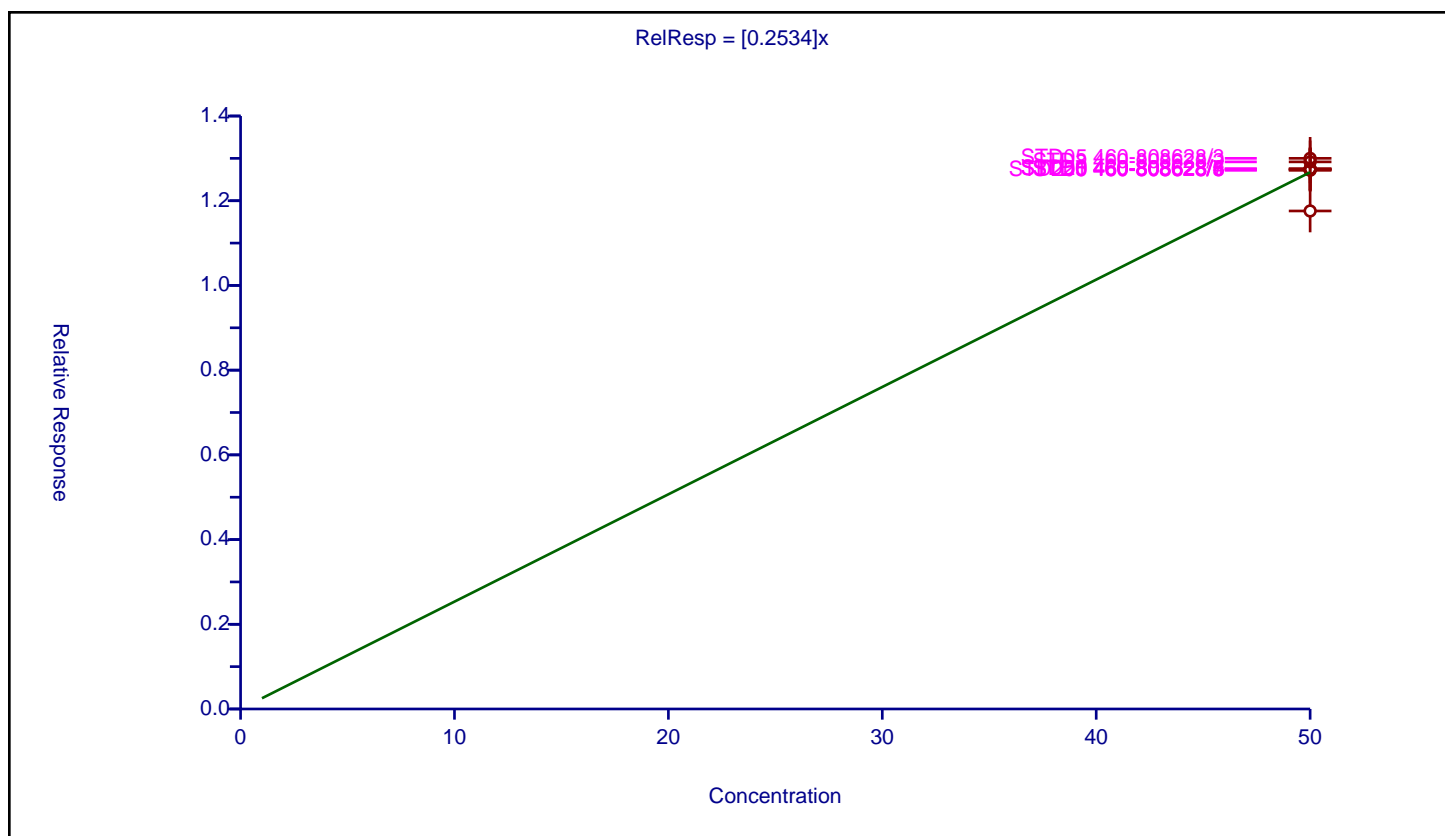
## Curve Coefficients

Intercept: 0  
Slope: 0.2534

## Error Coefficients

Standard Error: 154000  
Relative Standard Error: 3.0  
Correlation Coefficient: NA  
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	50.0	12.917151	50.0	590254.0	0.258343	Y
2	STD05 460-808628/3	50.0	13.000921	50.0	585497.0	0.260018	Y
3	STD1 460-808628/4	50.0	12.753529	50.0	582823.0	0.255071	Y
4	STD5 460-808628/5	50.0	12.728004	50.0	587873.0	0.25456	Y
5	STD20 460-808628/6	50.0	12.74656	50.0	576179.0	0.254931	Y
6	STD50 460-808628/7	50.0	12.749025	50.0	550246.0	0.25498	Y
7	STD200 460-808628/8	50.0	12.719282	50.0	534814.0	0.254386	Y
8	STD500 460-808628/9	50.0	11.758221	50.0	528341.0	0.235164	Y





# Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

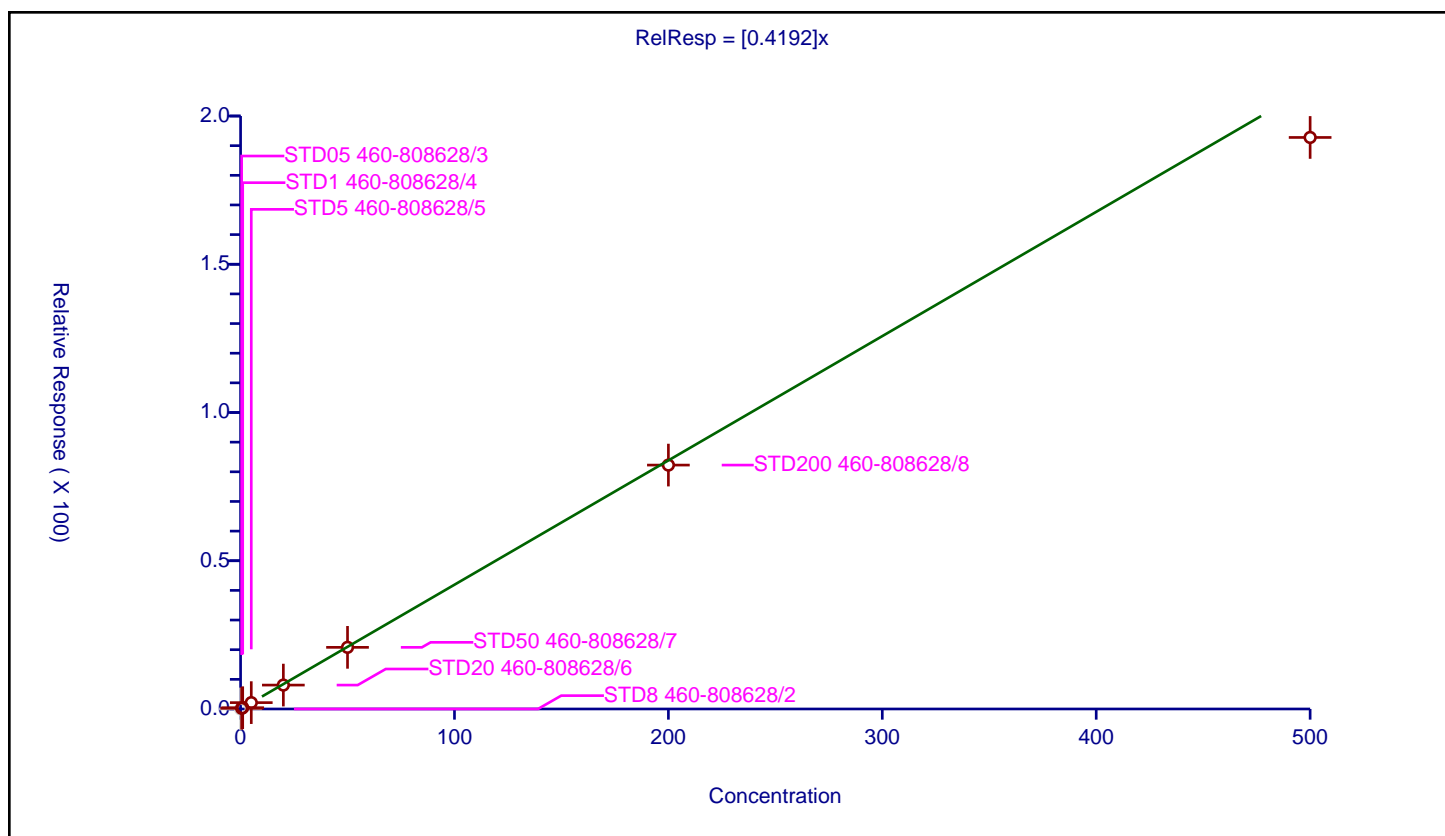
## Curve Coefficients

Intercept: 0  
 Slope: 0.4192

## Error Coefficients

Standard Error: 911000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.232794	50.0	585497.0	0.465587	Y
3	STD1 460-808628/4	1.0	0.424142	50.0	582823.0	0.424142	Y
4	STD5 460-808628/5	5.0	2.14264	50.0	587873.0	0.428528	Y
5	STD20 460-808628/6	20.0	8.067632	50.0	576179.0	0.403382	Y
6	STD50 460-808628/7	50.0	20.793154	50.0	550246.0	0.415863	Y
7	STD200 460-808628/8	200.0	82.265236	50.0	534814.0	0.411326	Y
8	STD500 460-808628/9	500.0	192.766414	50.0	528341.0	0.385533	Y



## Calibration

/ Cyclohexane

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

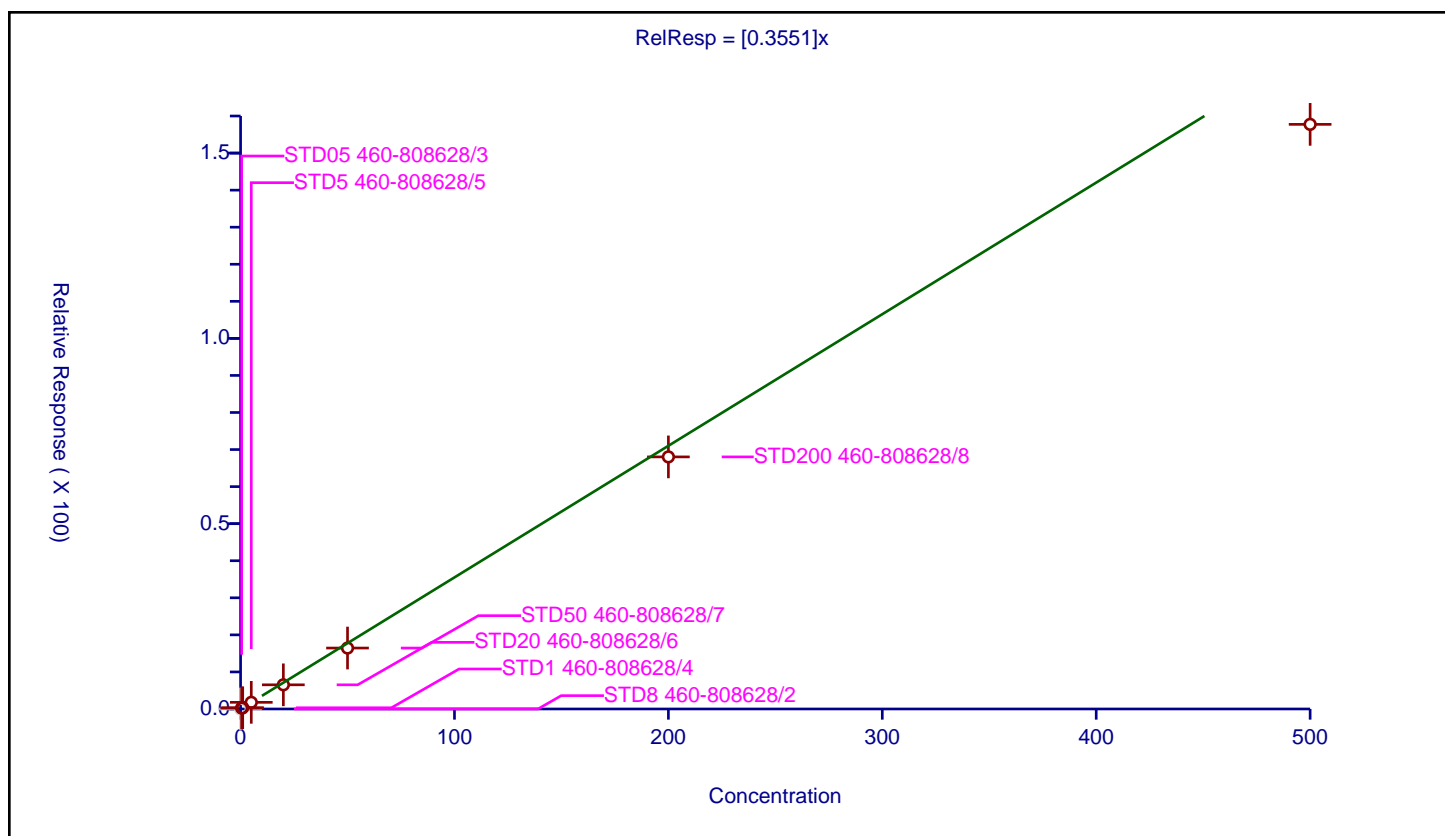
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.3551

## Error Coefficients

**Standard Error:** 747000  
**Relative Standard Error:** 17.4  
**Correlation Coefficient:** 0.999  
**Coefficient of Determination (Adjusted):** 0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.245945	50.0	585497.0	0.49189	Y
3	STD1 460-808628/4	1.0	0.324026	50.0	582823.0	0.324026	Y
4	STD5 460-808628/5	5.0	1.795371	50.0	587873.0	0.359074	Y
5	STD20 460-808628/6	20.0	6.522886	50.0	576179.0	0.326144	Y
6	STD50 460-808628/7	50.0	16.443191	50.0	550246.0	0.328864	Y
7	STD200 460-808628/8	200.0	68.024584	50.0	534814.0	0.340123	Y
8	STD500 460-808628/9	500.0	157.751244	50.0	528341.0	0.315502	Y



# Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

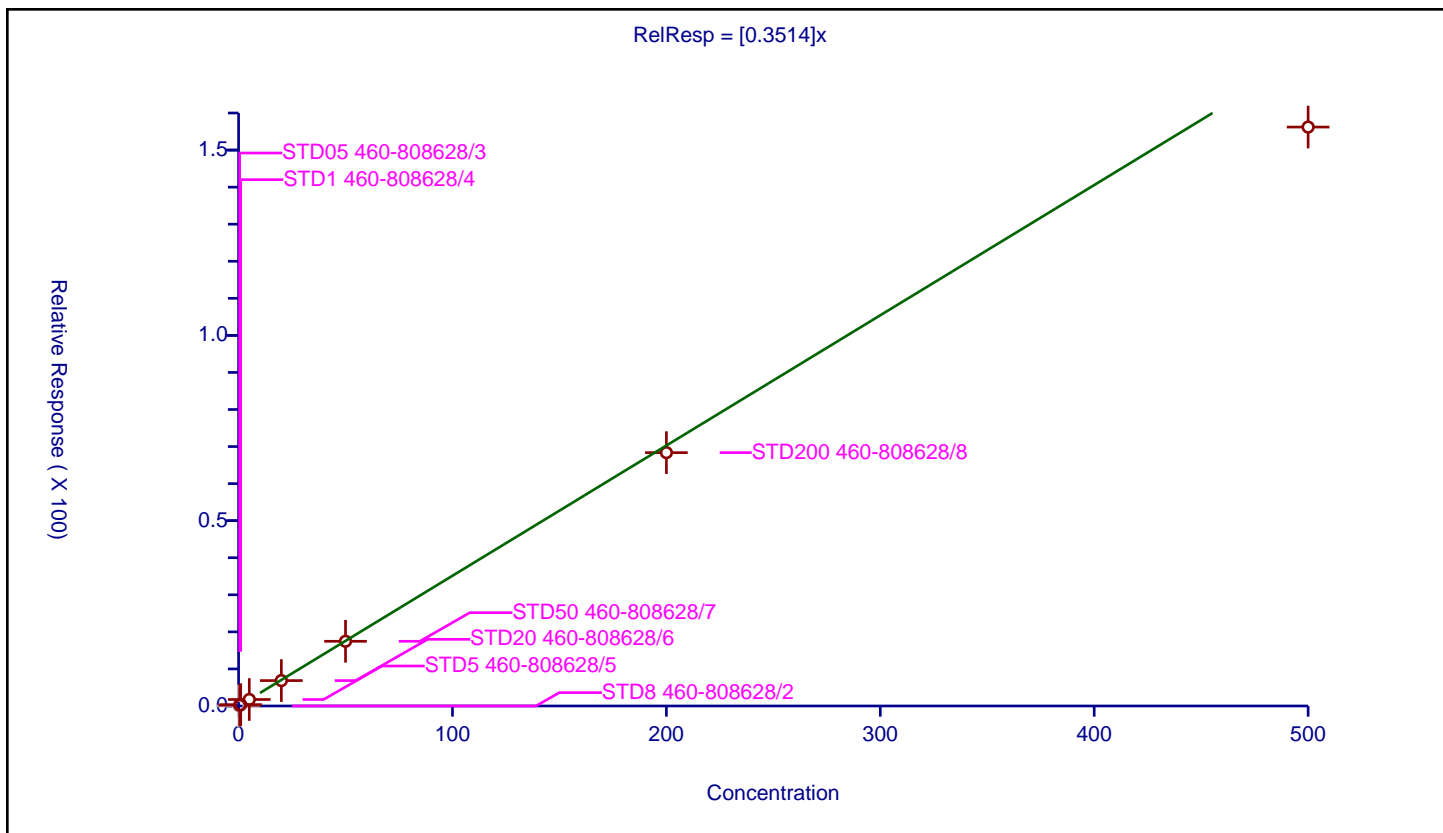
## Curve Coefficients

Intercept: 0  
 Slope: 0.3514

## Error Coefficients

Standard Error: 742000  
 Relative Standard Error: 7.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.20188	50.0	585497.0	0.40376	Y
3	STD1 460-808628/4	1.0	0.358943	50.0	582823.0	0.358943	Y
4	STD5 460-808628/5	5.0	1.755141	50.0	587873.0	0.351028	Y
5	STD20 460-808628/6	20.0	6.852818	50.0	576179.0	0.342641	Y
6	STD50 460-808628/7	50.0	17.46219	50.0	550246.0	0.349244	Y
7	STD200 460-808628/8	200.0	68.356849	50.0	534814.0	0.341784	Y
8	STD500 460-808628/9	500.0	156.208964	50.0	528341.0	0.312418	Y



# Calibration

/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

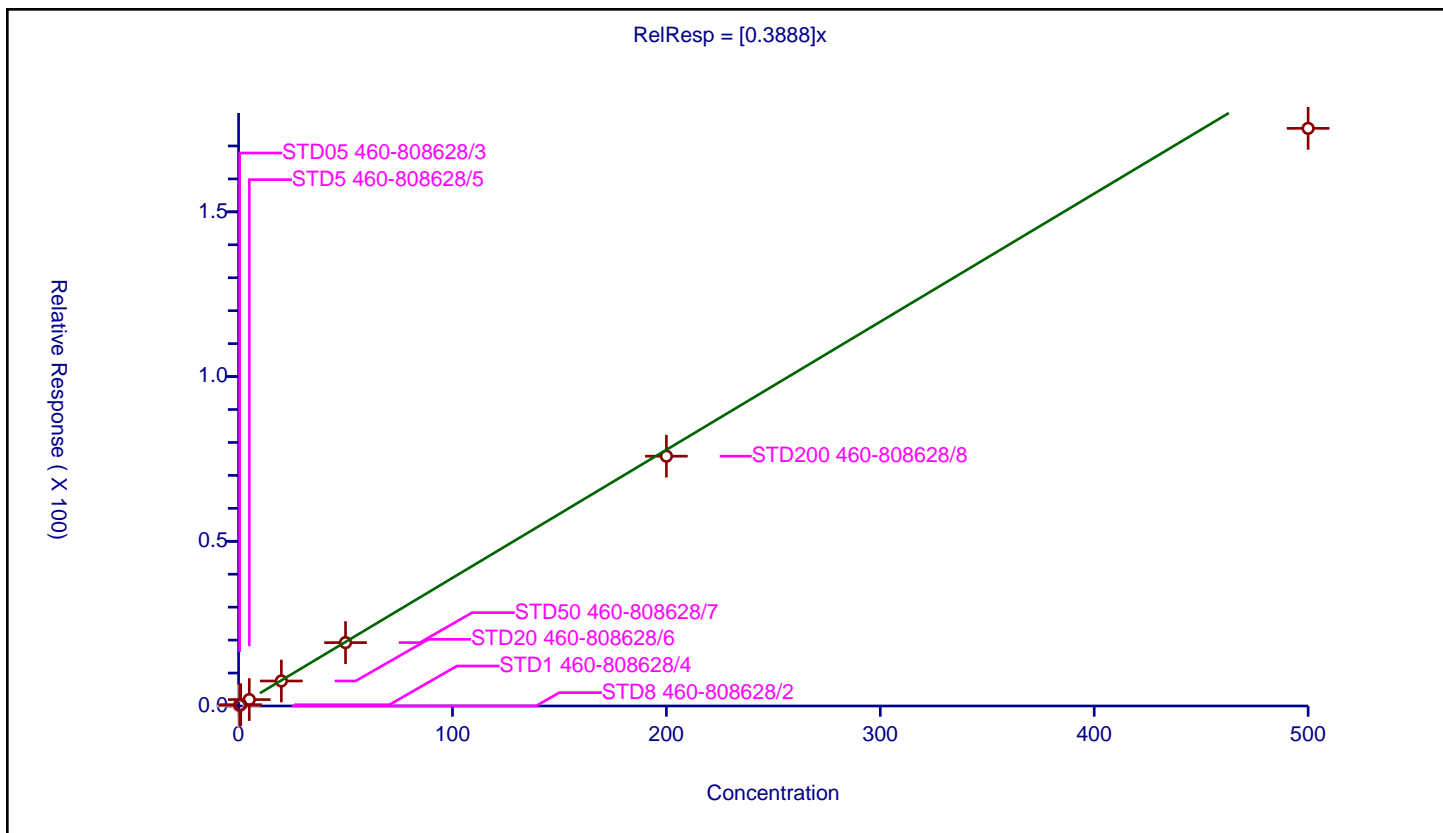
## Curve Coefficients

Intercept: 0  
 Slope: 0.3888

## Error Coefficients

Standard Error: 831000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.227584	50.0	585497.0	0.455169	Y
3	STD1 460-808628/4	1.0	0.382878	50.0	582823.0	0.382878	Y
4	STD5 460-808628/5	5.0	1.949231	50.0	587873.0	0.389846	Y
5	STD20 460-808628/6	20.0	7.585577	50.0	576179.0	0.379279	Y
6	STD50 460-808628/7	50.0	19.234215	50.0	550246.0	0.384684	Y
7	STD200 460-808628/8	200.0	75.830102	50.0	534814.0	0.379151	Y
8	STD500 460-808628/9	500.0	175.34509	50.0	528341.0	0.35069	Y



# Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

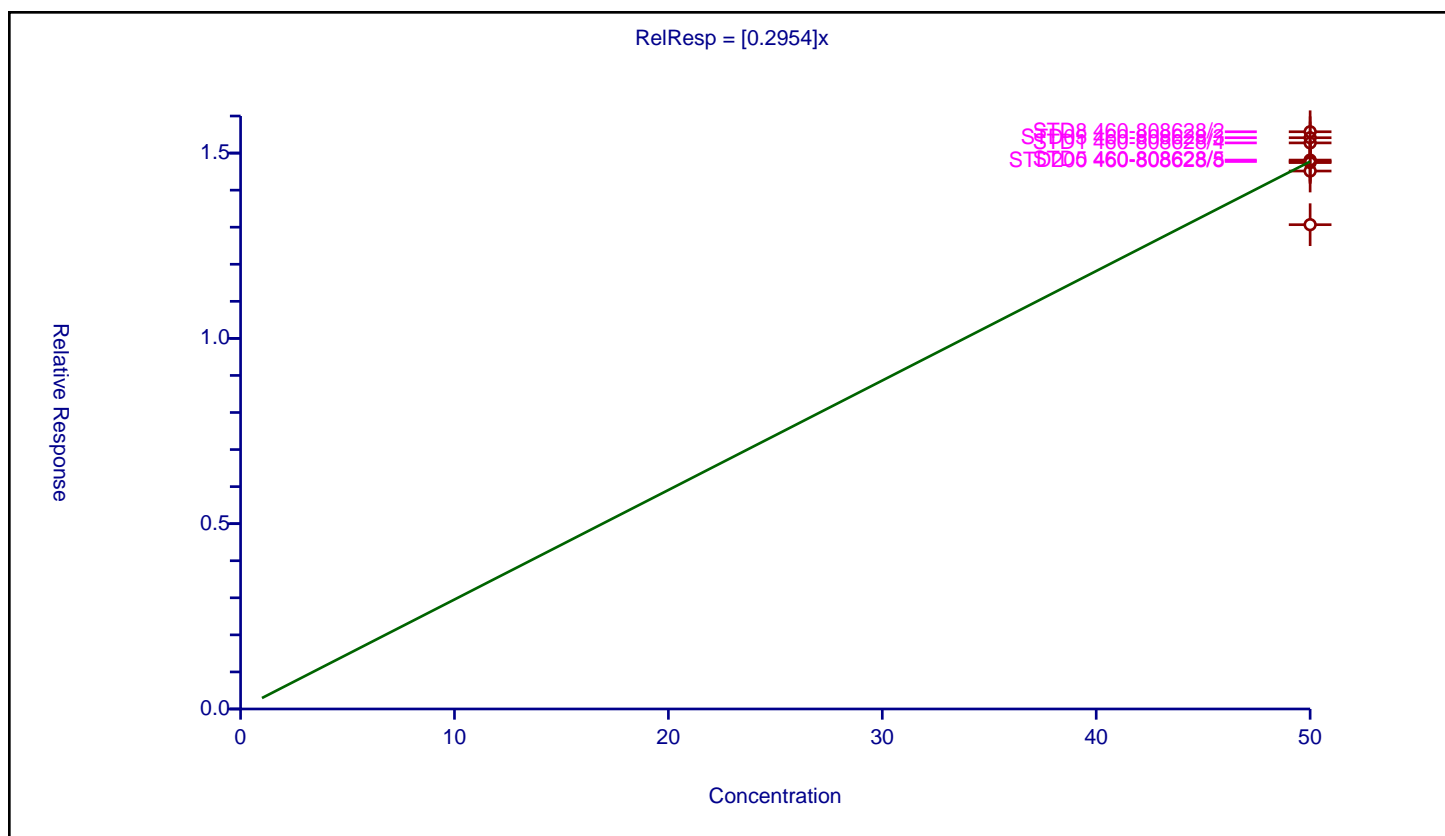
## Curve Coefficients

Intercept: 0  
 Slope: 0.2954

## Error Coefficients

Standard Error: 180000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	50.0	15.575752	50.0	590254.0	0.311515	Y
2	STD05 460-808628/3	50.0	15.414255	50.0	585497.0	0.308285	Y
3	STD1 460-808628/4	50.0	15.274792	50.0	582823.0	0.305496	Y
4	STD5 460-808628/5	50.0	14.811532	50.0	587873.0	0.296231	Y
5	STD20 460-808628/6	50.0	14.515454	50.0	576179.0	0.290309	Y
6	STD50 460-808628/7	50.0	14.743224	50.0	550246.0	0.294864	Y
7	STD200 460-808628/8	50.0	14.772239	50.0	534814.0	0.295445	Y
8	STD500 460-808628/9	50.0	13.067981	50.0	528341.0	0.26136	Y



# Calibration

/ Isobutyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

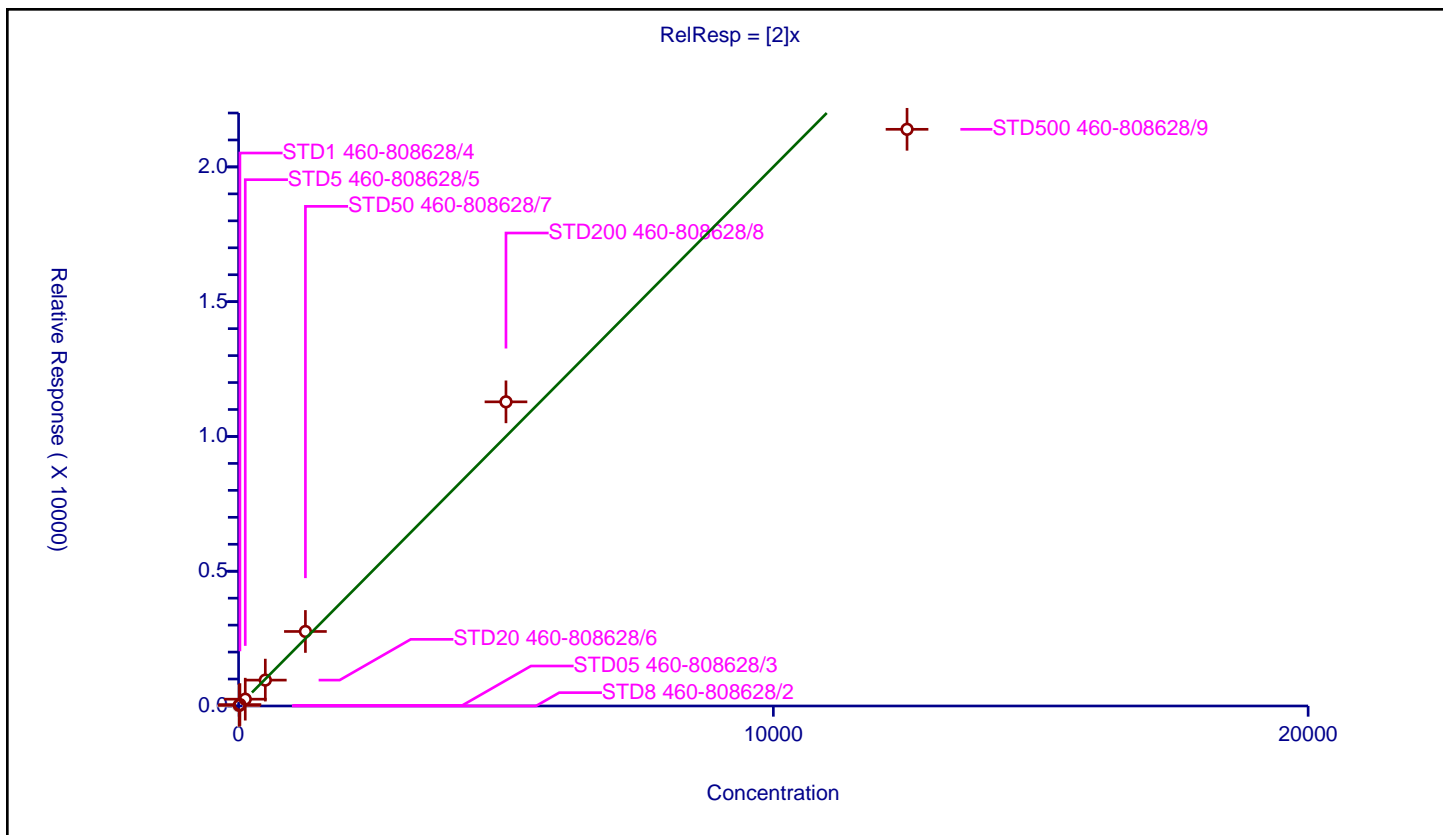
## Curve Coefficients

Intercept: 0  
 Slope: 2

## Error Coefficients

Standard Error: 591000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	57421.0	NaN	N
2	STD05 460-808628/3	12.5	22.687676	1000.0	52231.0	1.815014	Y
3	STD1 460-808628/4	25.0	51.591484	1000.0	56928.0	2.063659	Y
4	STD5 460-808628/5	125.0	252.666967	1000.0	53244.0	2.021336	Y
5	STD20 460-808628/6	500.0	960.570798	1000.0	56202.0	1.921142	Y
6	STD50 460-808628/7	1250.0	2764.957182	1000.0	51497.0	2.211966	Y
7	STD200 460-808628/8	5000.0	11284.104715	1000.0	51034.0	2.256821	Y
8	STD500 460-808628/9	12500.0	21395.458726	1000.0	63066.0	1.711637	Y



## Calibration

/ Benzene

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

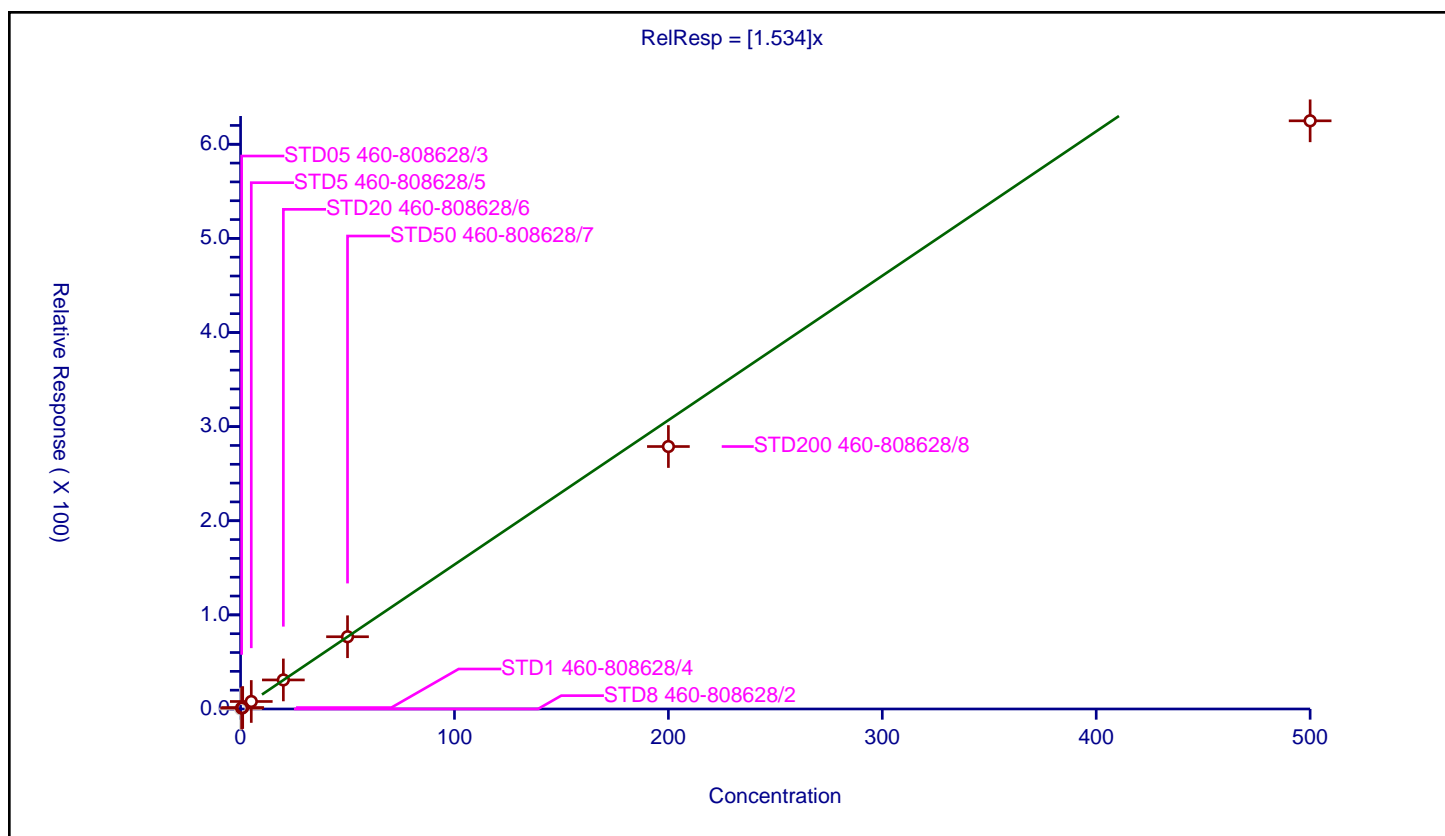
## Curve Coefficients

**Intercept:** 0  
**Slope:** 1.534

## Error Coefficients

**Standard Error:** 2290000  
**Relative Standard Error:** 13.1  
**Correlation Coefficient:** 0.999  
**Coefficient of Determination (Adjusted):** 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.951751	50.0	403204.0	1.903503	Y
3	STD1 460-808628/4	1.0	1.516933	50.0	403050.0	1.516933	Y
4	STD5 460-808628/5	5.0	7.978782	50.0	405325.0	1.595756	Y
5	STD20 460-808628/6	20.0	30.873932	50.0	399196.0	1.543697	Y
6	STD50 460-808628/7	50.0	76.770589	50.0	388882.0	1.535412	Y
7	STD200 460-808628/8	200.0	278.861573	50.0	400588.0	1.394308	Y
8	STD500 460-808628/9	500.0	624.899836	50.0	408579.0	1.2498	Y



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

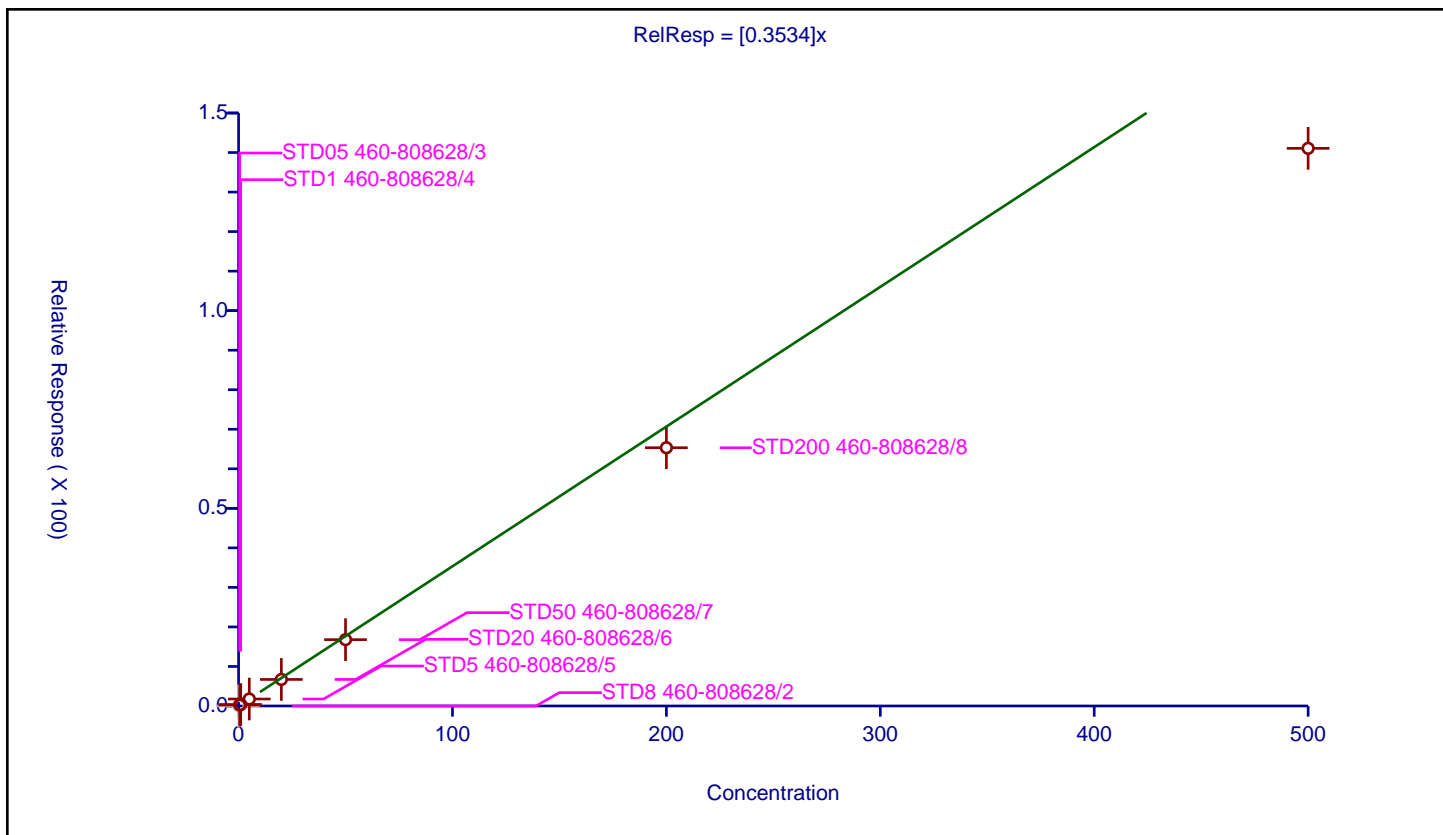
## Curve Coefficients

Intercept: 0  
 Slope: 0.3534

## Error Coefficients

Standard Error: 677000  
 Relative Standard Error: 16.8  
 Correlation Coefficient: 0.996  
 Coefficient of Determination (Adjusted): 0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.236807	50.0	585497.0	0.473615	Y
3	STD1 460-808628/4	1.0	0.366835	50.0	582823.0	0.366835	Y
4	STD5 460-808628/5	5.0	1.765517	50.0	587873.0	0.353103	Y
5	STD20 460-808628/6	20.0	6.715968	50.0	576179.0	0.335798	Y
6	STD50 460-808628/7	50.0	16.781494	50.0	550246.0	0.33563	Y
7	STD200 460-808628/8	200.0	65.32673	50.0	534814.0	0.326634	Y
8	STD500 460-808628/9	500.0	141.063631	50.0	528341.0	0.282127	Y





# Calibration

/ Isooctane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

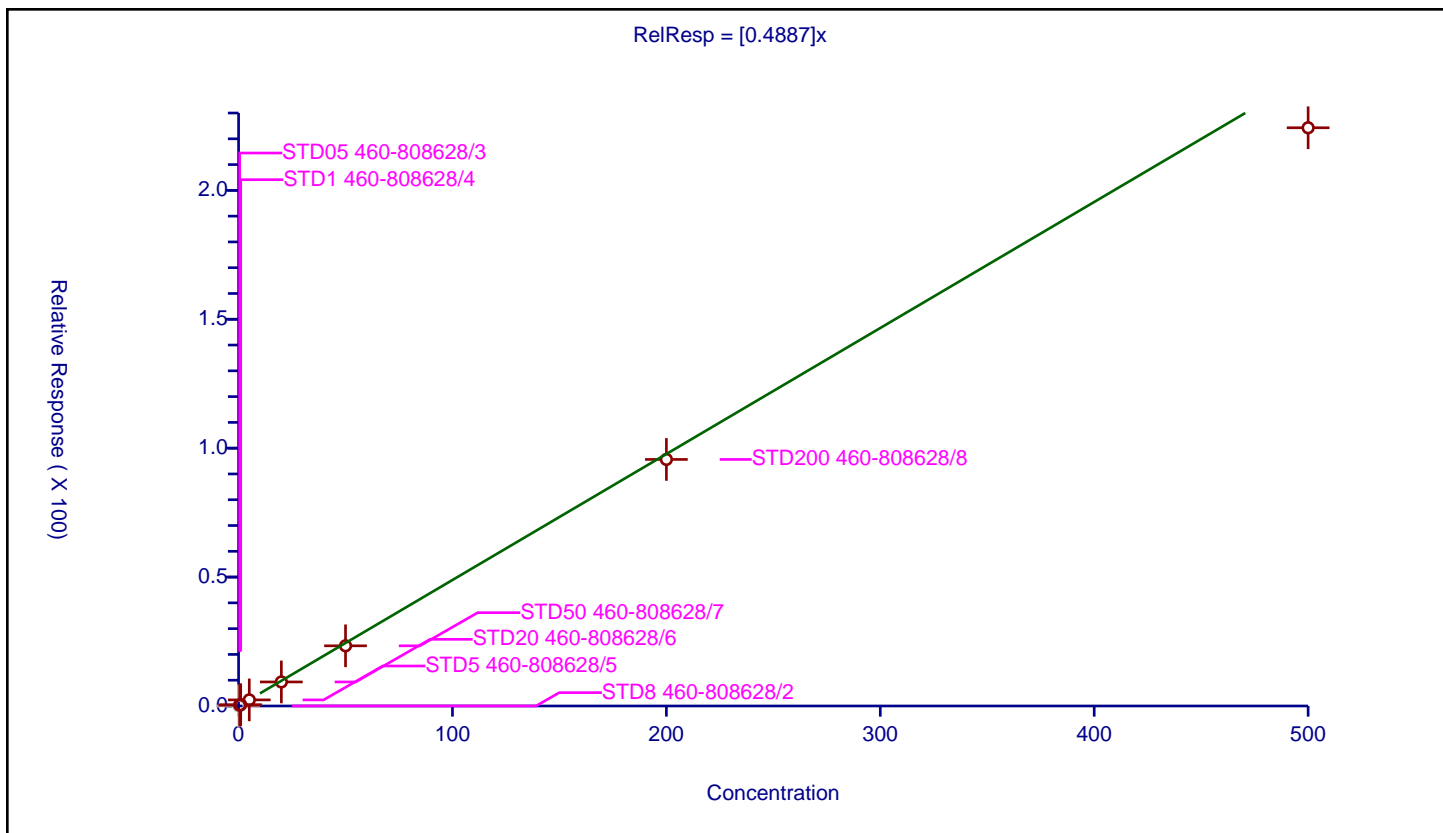
## Curve Coefficients

Intercept: 0  
 Slope: 0.4887

## Error Coefficients

Standard Error: 1060000  
 Relative Standard Error: 9.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.296756	50.0	585497.0	0.593513	Y
3	STD1 460-808628/4	1.0	0.494919	50.0	582823.0	0.494919	Y
4	STD5 460-808628/5	5.0	2.363861	50.0	587873.0	0.472772	Y
5	STD20 460-808628/6	20.0	9.327049	50.0	576179.0	0.466352	Y
6	STD50 460-808628/7	50.0	23.337562	50.0	550246.0	0.466751	Y
7	STD200 460-808628/8	200.0	95.633248	50.0	534814.0	0.478166	Y
8	STD500 460-808628/9	500.0	224.278638	50.0	528341.0	0.448557	Y



# Calibration

/ Isopropyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

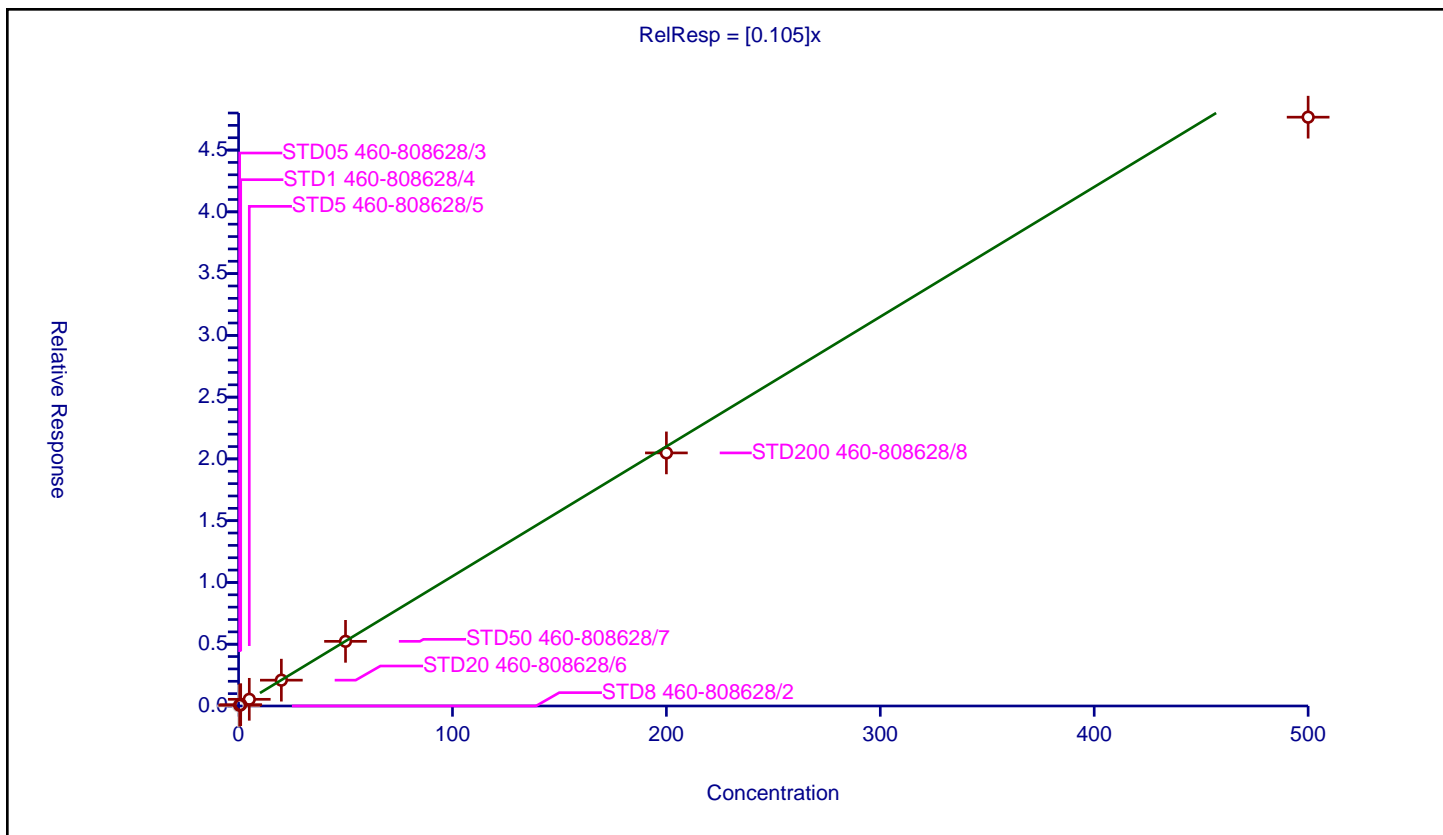
## Curve Coefficients

Intercept: 0  
 Slope: 0.105

## Error Coefficients

Standard Error: 226000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.056789	50.0	585497.0	0.113579	Y
3	STD1 460-808628/4	1.0	0.10655	50.0	582823.0	0.10655	Y
4	STD5 460-808628/5	5.0	0.540593	50.0	587873.0	0.108119	Y
5	STD20 460-808628/6	20.0	2.091277	50.0	576179.0	0.104564	Y
6	STD50 460-808628/7	50.0	5.233114	50.0	550246.0	0.104662	Y
7	STD200 460-808628/8	200.0	20.486468	50.0	534814.0	0.102432	Y
8	STD500 460-808628/9	500.0	47.664198	50.0	528341.0	0.095328	Y



# Calibration

/ Tert-amyl methyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

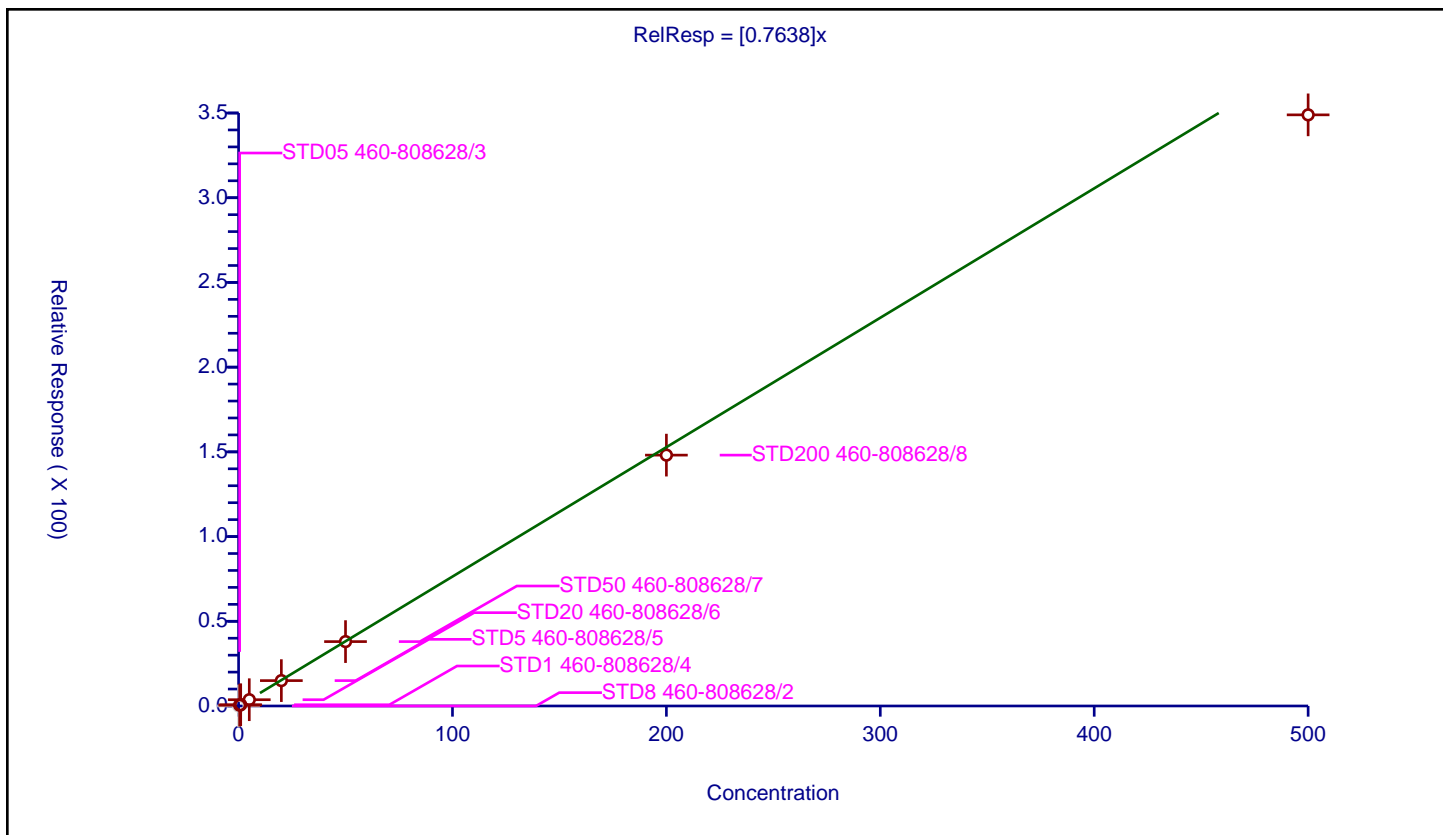
## Curve Coefficients

Intercept: 0  
 Slope: 0.7638

## Error Coefficients

Standard Error: 1650000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.465673	50.0	585497.0	0.931346	Y
3	STD1 460-808628/4	1.0	0.726378	50.0	582823.0	0.726378	Y
4	STD5 460-808628/5	5.0	3.709985	50.0	587873.0	0.741997	Y
5	STD20 460-808628/6	20.0	14.975902	50.0	576179.0	0.748795	Y
6	STD50 460-808628/7	50.0	37.999277	50.0	550246.0	0.759986	Y
7	STD200 460-808628/8	200.0	148.07578	50.0	534814.0	0.740379	Y
8	STD500 460-808628/9	500.0	348.917839	50.0	528341.0	0.697836	Y



# Calibration

/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

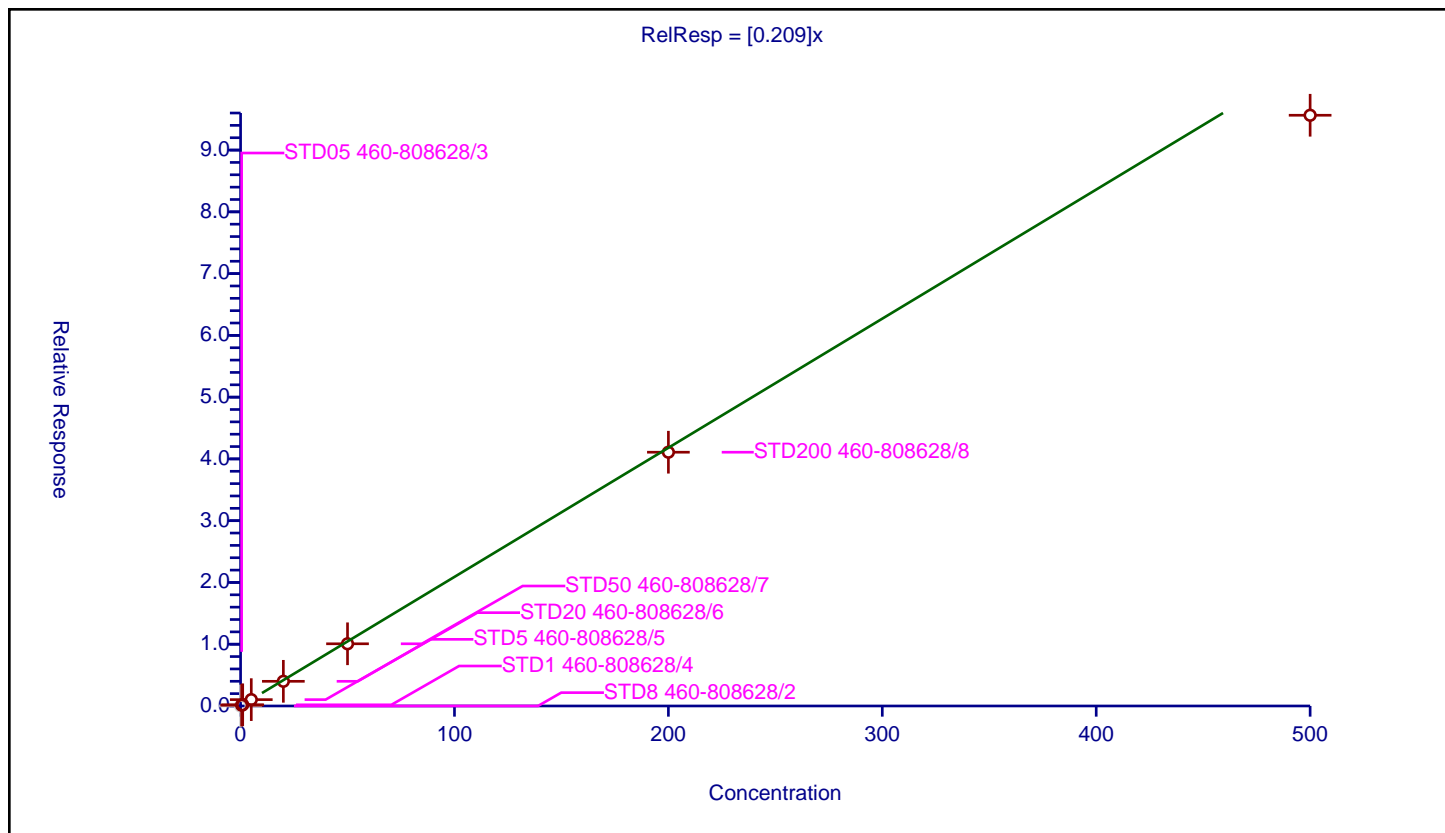
## Curve Coefficients

Intercept: 0  
 Slope: 0.209

## Error Coefficients

Standard Error: 453000  
 Relative Standard Error: 12.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.132964	50.0	585497.0	0.265928	Y
3	STD1 460-808628/4	1.0	0.193455	50.0	582823.0	0.193455	Y
4	STD5 460-808628/5	5.0	1.029559	50.0	587873.0	0.205912	Y
5	STD20 460-808628/6	20.0	3.995199	50.0	576179.0	0.19976	Y
6	STD50 460-808628/7	50.0	10.06886	50.0	550246.0	0.201377	Y
7	STD200 460-808628/8	200.0	41.084377	50.0	534814.0	0.205422	Y
8	STD500 460-808628/9	500.0	95.636246	50.0	528341.0	0.191272	Y



# Calibration

/ Trichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

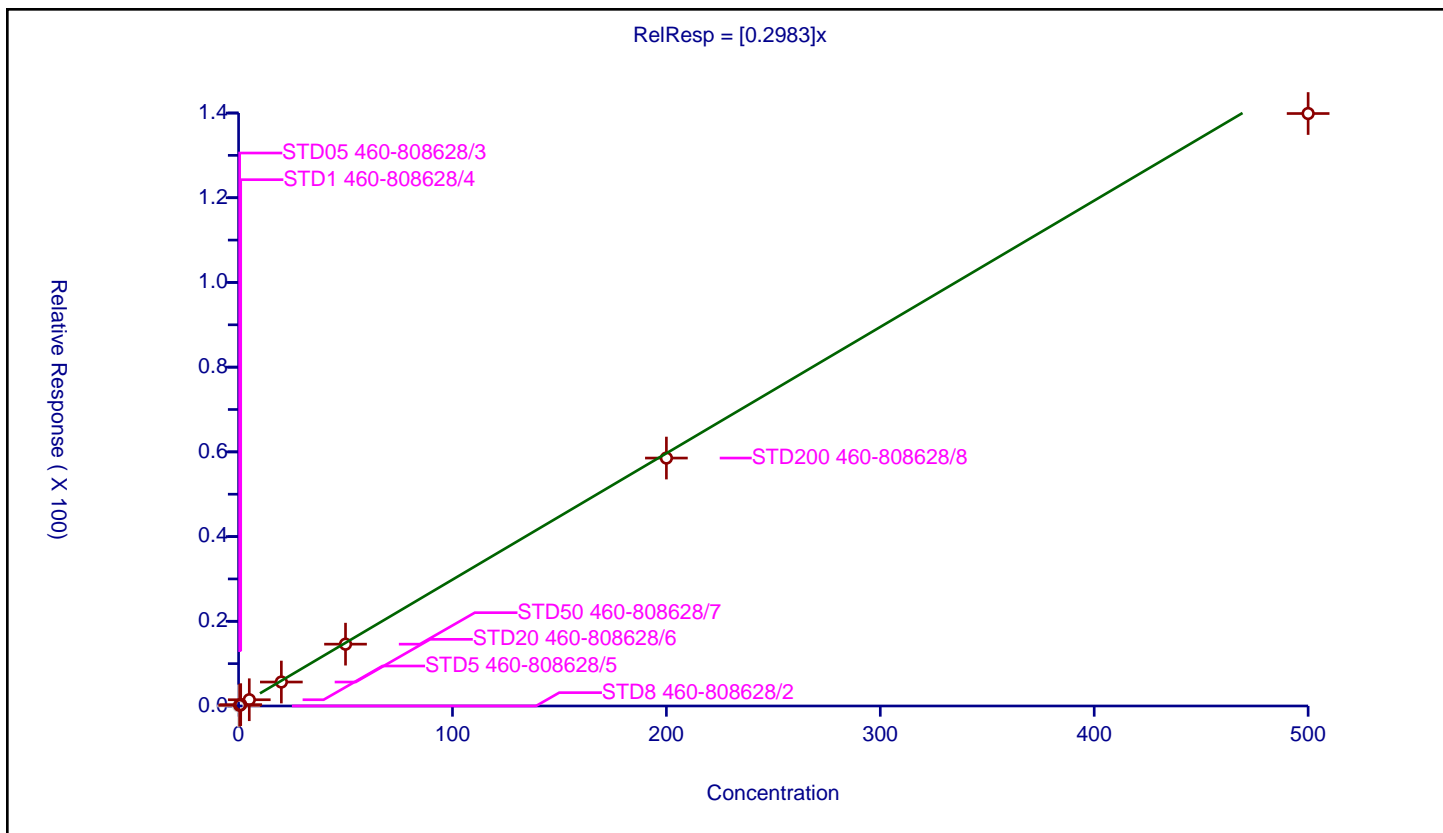
## Curve Coefficients

Intercept: 0  
 Slope: 0.2983

## Error Coefficients

Standard Error: 659000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.16328	50.0	585497.0	0.32656	Y
3	STD1 460-808628/4	1.0	0.318364	50.0	582823.0	0.318364	Y
4	STD5 460-808628/5	5.0	1.479401	50.0	587873.0	0.29588	Y
5	STD20 460-808628/6	20.0	5.658311	50.0	576179.0	0.282916	Y
6	STD50 460-808628/7	50.0	14.594836	50.0	550246.0	0.291897	Y
7	STD200 460-808628/8	200.0	58.537828	50.0	534814.0	0.292689	Y
8	STD500 460-808628/9	500.0	139.881913	50.0	528341.0	0.279764	Y



# Calibration

/ n-Butanol

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

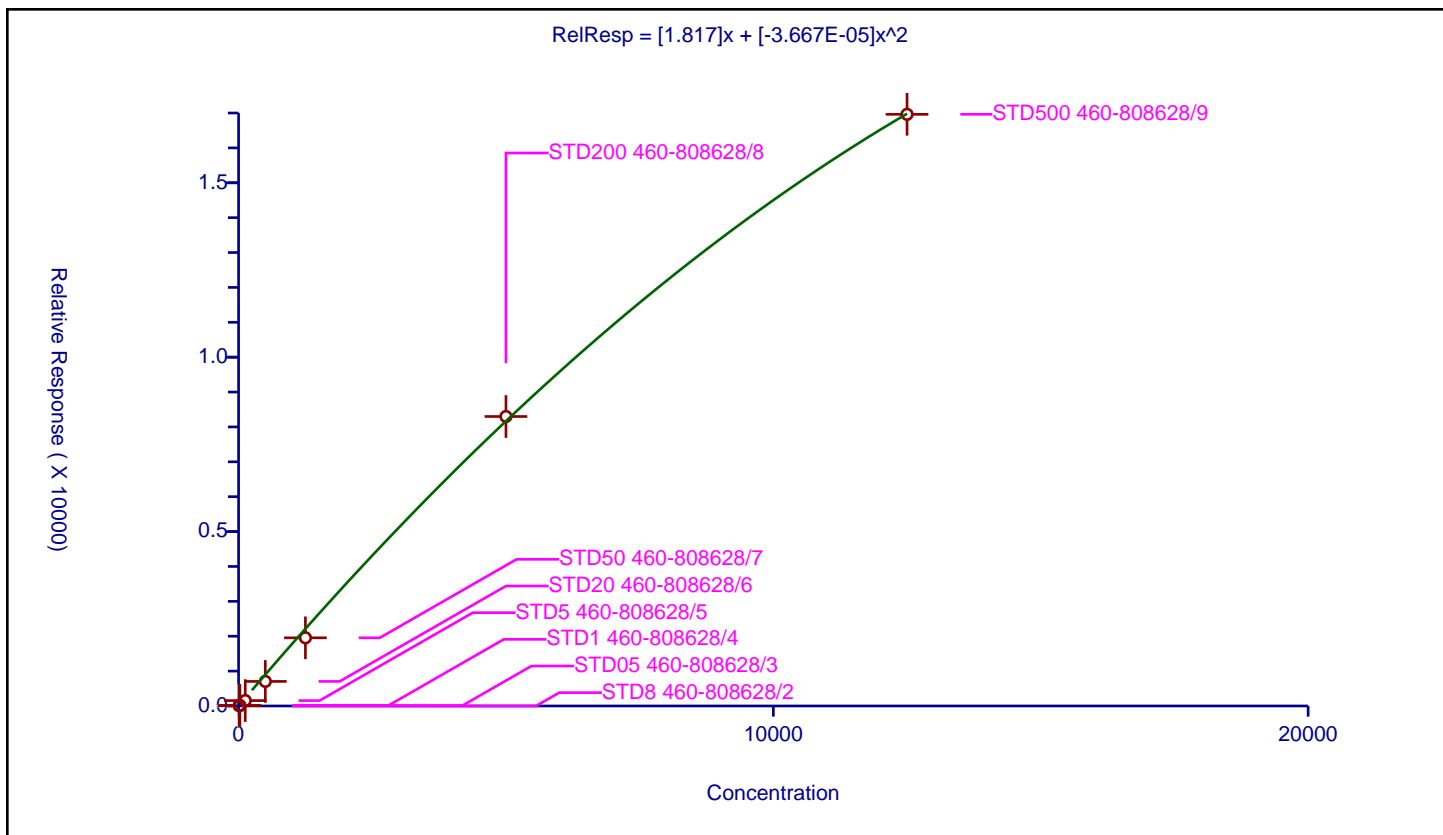
## Curve Coefficients

Intercept: 0  
 Slope: 1.817  
 Second Order: -3.667E-05

## Error Coefficients

Standard Error: 508000  
 Relative Standard Error: 42.7  
 Correlation Coefficient: 0.993  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	57421.0	NaN	N
2	STD05 460-808628/3	12.5	9.247382	1000.0	52231.0	0.739791	Y
3	STD1 460-808628/4	25.0	16.75801	1000.0	56928.0	0.67032	Y
4	STD5 460-808628/5	125.0	154.853129	1000.0	53244.0	1.238825	Y
5	STD20 460-808628/6	500.0	704.796982	1000.0	56202.0	1.409594	Y
6	STD50 460-808628/7	1250.0	1954.230344	1000.0	51497.0	1.563384	Y
7	STD200 460-808628/8	5000.0	8298.957558	1000.0	51034.0	1.659792	Y
8	STD500 460-808628/9	12500.0	16962.483747	1000.0	63066.0	1.356999	Y



# Calibration

/ Ethyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

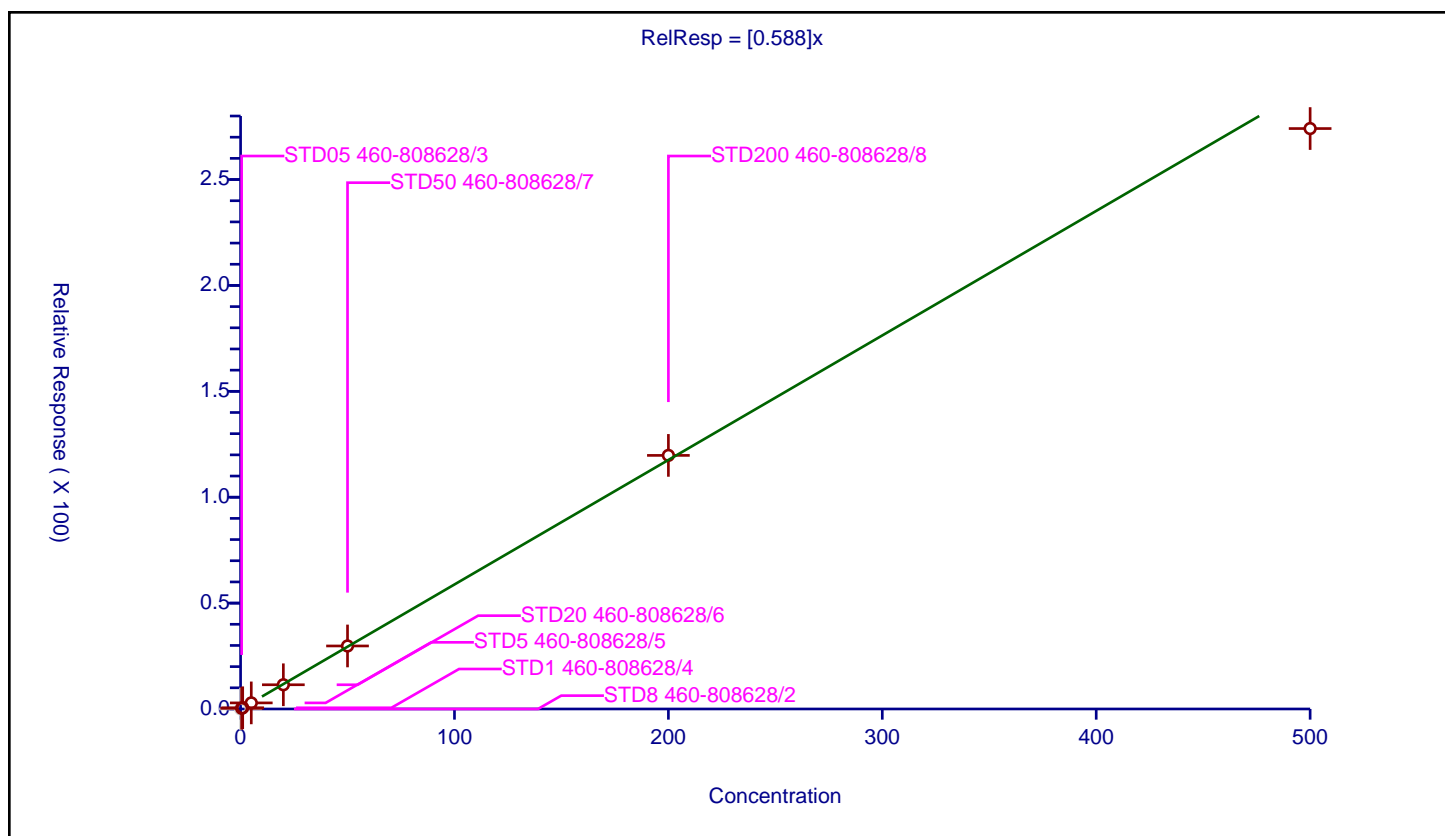
## Curve Coefficients

Intercept: 0  
 Slope: 0.588

## Error Coefficients

Standard Error: 1300000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.327158	50.0	585497.0	0.654316	Y
3	STD1 460-808628/4	1.0	0.571357	50.0	582823.0	0.571357	Y
4	STD5 460-808628/5	5.0	2.879363	50.0	587873.0	0.575873	Y
5	STD20 460-808628/6	20.0	11.44384	50.0	576179.0	0.572192	Y
6	STD50 460-808628/7	50.0	29.755964	50.0	550246.0	0.595119	Y
7	STD200 460-808628/8	200.0	119.744061	50.0	534814.0	0.59872	Y
8	STD500 460-808628/9	500.0	274.081322	50.0	528341.0	0.548163	Y



# Calibration

/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

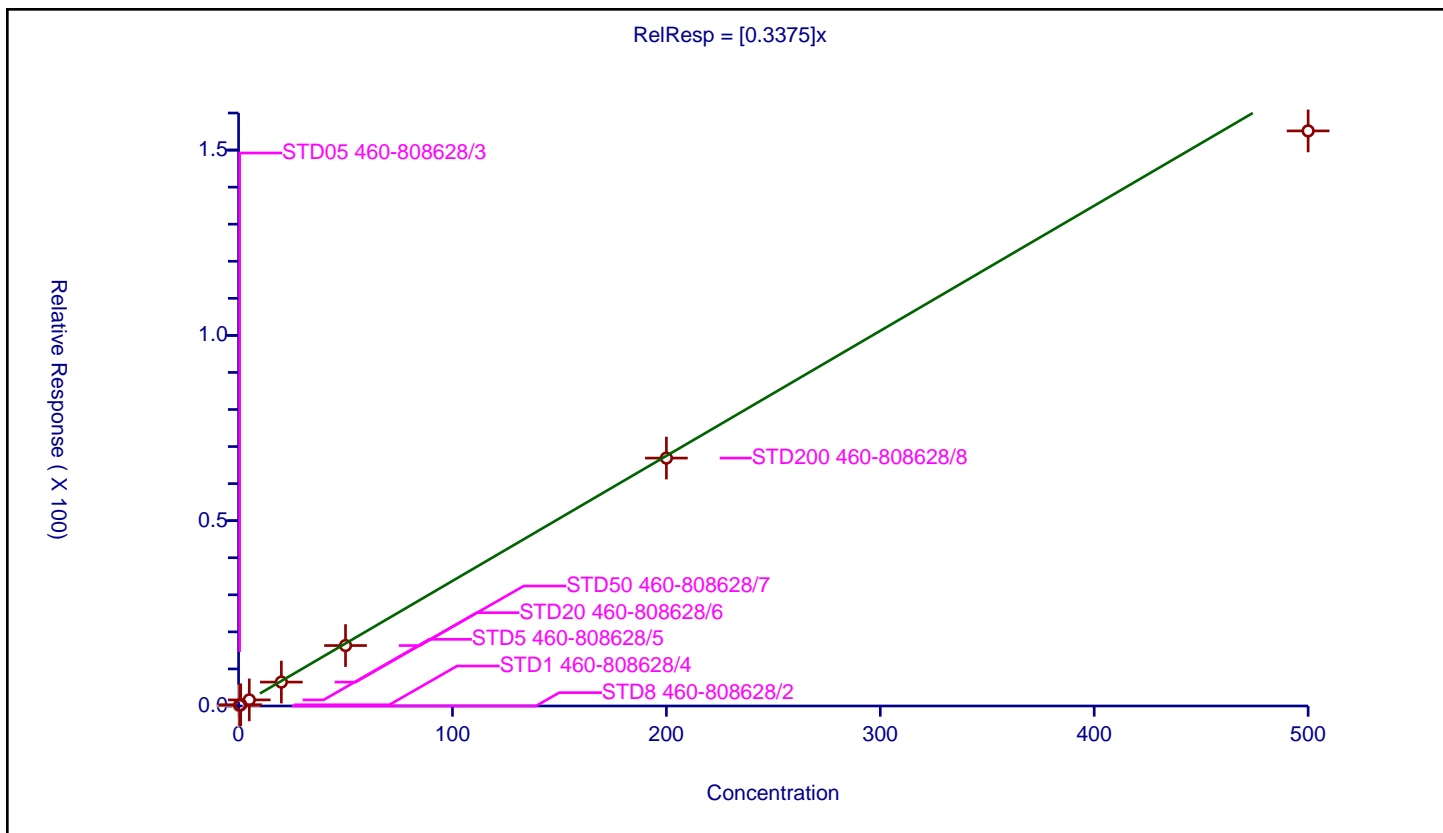
## Curve Coefficients

Intercept: 0  
 Slope: 0.3375

## Error Coefficients

Standard Error: 735000  
 Relative Standard Error: 10.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.207345	50.0	585497.0	0.41469	Y
3	STD1 460-808628/4	1.0	0.325142	50.0	582823.0	0.325142	Y
4	STD5 460-808628/5	5.0	1.644403	50.0	587873.0	0.328881	Y
5	STD20 460-808628/6	20.0	6.450339	50.0	576179.0	0.322517	Y
6	STD50 460-808628/7	50.0	16.306343	50.0	550246.0	0.326127	Y
7	STD200 460-808628/8	200.0	66.894659	50.0	534814.0	0.334473	Y
8	STD500 460-808628/9	500.0	155.172228	50.0	528341.0	0.310344	Y





# Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

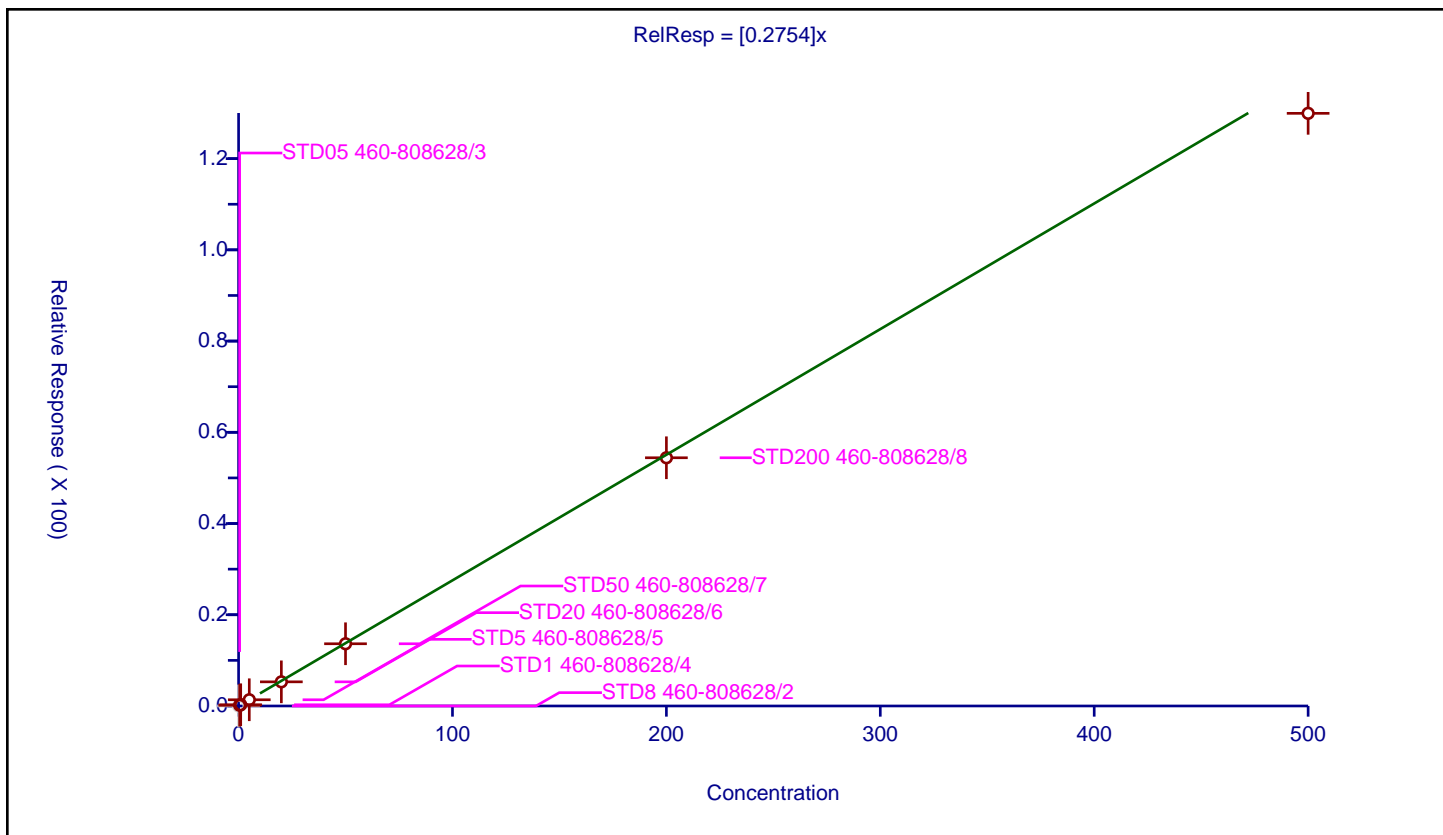
## Curve Coefficients

Intercept: 0  
 Slope: 0.2754

## Error Coefficients

Standard Error: 612000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.160291	50.0	585497.0	0.320582	Y
3	STD1 460-808628/4	1.0	0.264574	50.0	582823.0	0.264574	Y
4	STD5 460-808628/5	5.0	1.366707	50.0	587873.0	0.273341	Y
5	STD20 460-808628/6	20.0	5.291064	50.0	576179.0	0.264553	Y
6	STD50 460-808628/7	50.0	13.642444	50.0	550246.0	0.272849	Y
7	STD200 460-808628/8	200.0	54.417985	50.0	534814.0	0.27209	Y
8	STD500 460-808628/9	500.0	129.929629	50.0	528341.0	0.259859	Y



## Calibration

/ Dibromomethane

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

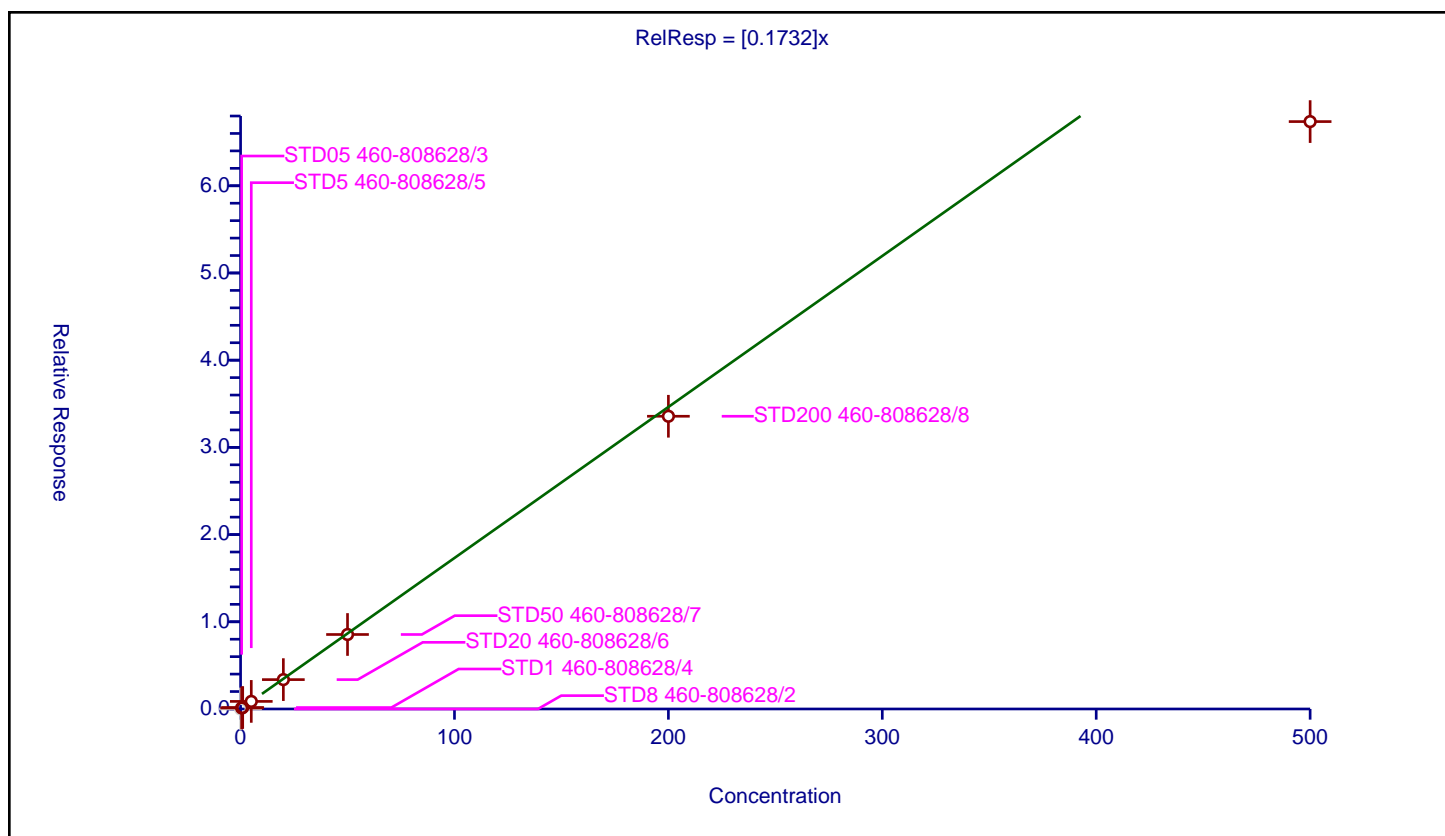
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.1732

## Error Coefficients

**Standard Error:** 328000  
**Relative Standard Error:** 16.7  
**Correlation Coefficient:** 0.990  
**Coefficient of Determination (Adjusted):** 0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.115714	50.0	585497.0	0.231427	Y
3	STD1 460-808628/4	1.0	0.165144	50.0	582823.0	0.165144	Y
4	STD5 460-808628/5	5.0	0.869405	50.0	587873.0	0.173881	Y
5	STD20 460-808628/6	20.0	3.366922	50.0	576179.0	0.168346	Y
6	STD50 460-808628/7	50.0	8.541634	50.0	550246.0	0.170833	Y
7	STD200 460-808628/8	200.0	33.569054	50.0	534814.0	0.167845	Y
8	STD500 460-808628/9	500.0	67.361325	50.0	528341.0	0.134723	Y



# Calibration

/ 1,4-Dioxane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

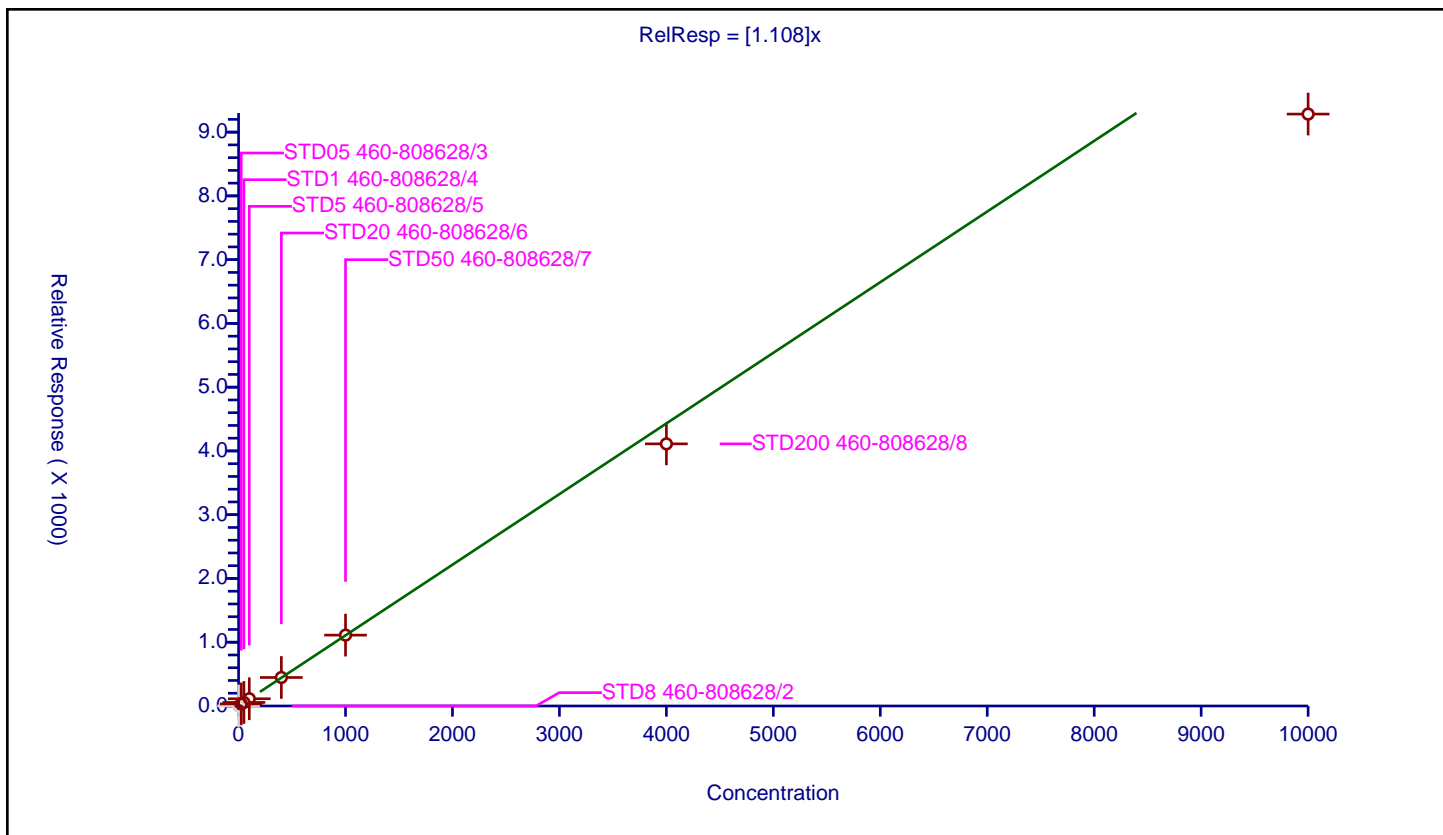
## Curve Coefficients

Intercept: 0  
 Slope: 1.108

## Error Coefficients

Standard Error: 164000  
 Relative Standard Error: 10.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	1000.0	40920.0	NaN	N
2	STD05 460-808628/3	25.000031	33.124047	1000.0	38703.0	1.32496	Y
3	STD1 460-808628/4	50.000062	55.51245	1000.0	42531.0	1.110248	Y
4	STD5 460-808628/5	100.0	113.469663	1000.0	38583.0	1.134697	Y
5	STD20 460-808628/6	400.0	446.82329	1000.0	40309.0	1.117058	Y
6	STD50 460-808628/7	1000.0	1111.582288	1000.0	38438.0	1.111582	Y
7	STD200 460-808628/8	4000.0	4111.028811	1000.0	39152.0	1.027757	Y
8	STD500 460-808628/9	10000.0	9283.346004	1000.0	40777.0	0.928335	Y



# Calibration

/ Methyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

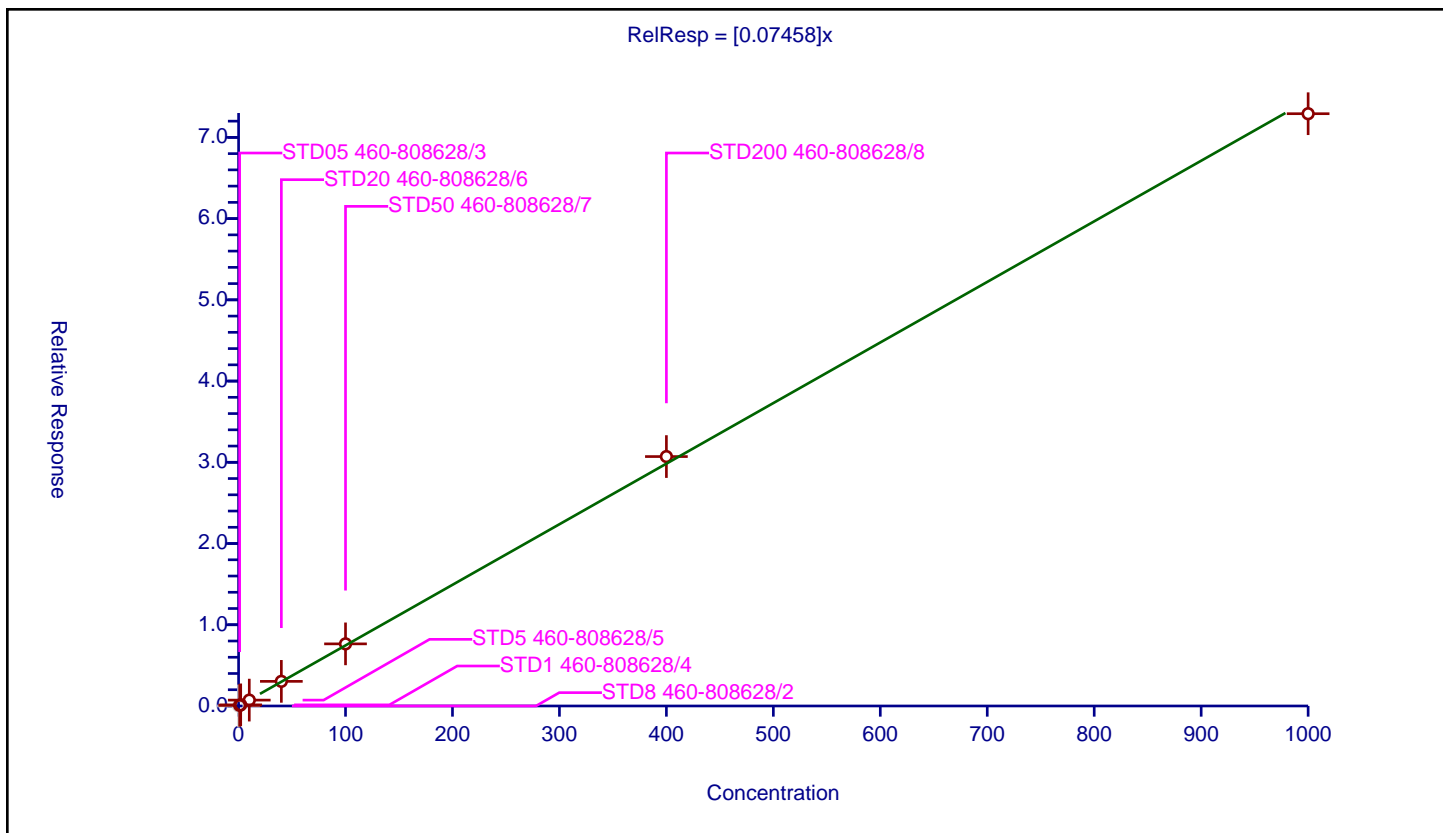
## Curve Coefficients

Intercept: 0  
 Slope: 0.07458

## Error Coefficients

Standard Error: 344000  
 Relative Standard Error: 4.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	1.0	0.078224	50.0	585497.0	0.078224	Y
3	STD1 460-808628/4	2.0	0.138636	50.0	582823.0	0.069318	Y
4	STD5 460-808628/5	10.0	0.725412	50.0	587873.0	0.072541	Y
5	STD20 460-808628/6	40.0	3.032912	50.0	576179.0	0.075823	Y
6	STD50 460-808628/7	100.0	7.648852	50.0	550246.0	0.076489	Y
7	STD200 460-808628/8	400.0	30.706563	50.0	534814.0	0.076766	Y
8	STD500 460-808628/9	1000.0	72.915693	50.0	528341.0	0.072916	Y



# Calibration

/ n-Propyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

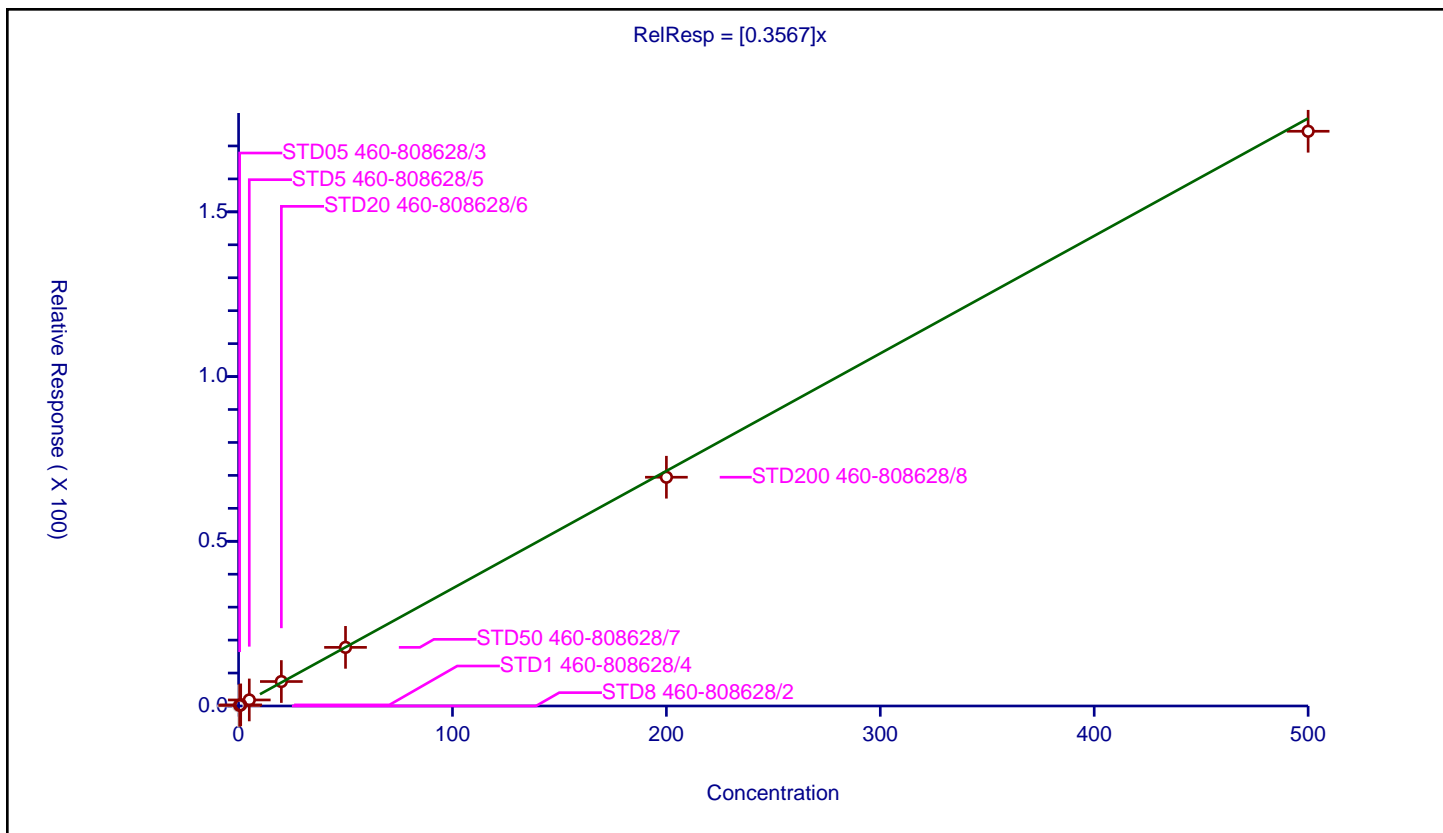
## Curve Coefficients

Intercept: 0  
 Slope: 0.3567

## Error Coefficients

Standard Error: 816000  
 Relative Standard Error: 3.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.185483	50.0	585497.0	0.370967	Y
3	STD1 460-808628/4	1.0	0.335694	50.0	582823.0	0.335694	Y
4	STD5 460-808628/5	5.0	1.835941	50.0	587873.0	0.367188	Y
5	STD20 460-808628/6	20.0	7.425731	50.0	576179.0	0.371287	Y
6	STD50 460-808628/7	50.0	17.798676	50.0	550246.0	0.355974	Y
7	STD200 460-808628/8	200.0	69.440217	50.0	534814.0	0.347201	Y
8	STD500 460-808628/9	500.0	174.460055	50.0	528341.0	0.34892	Y



# Calibration

/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

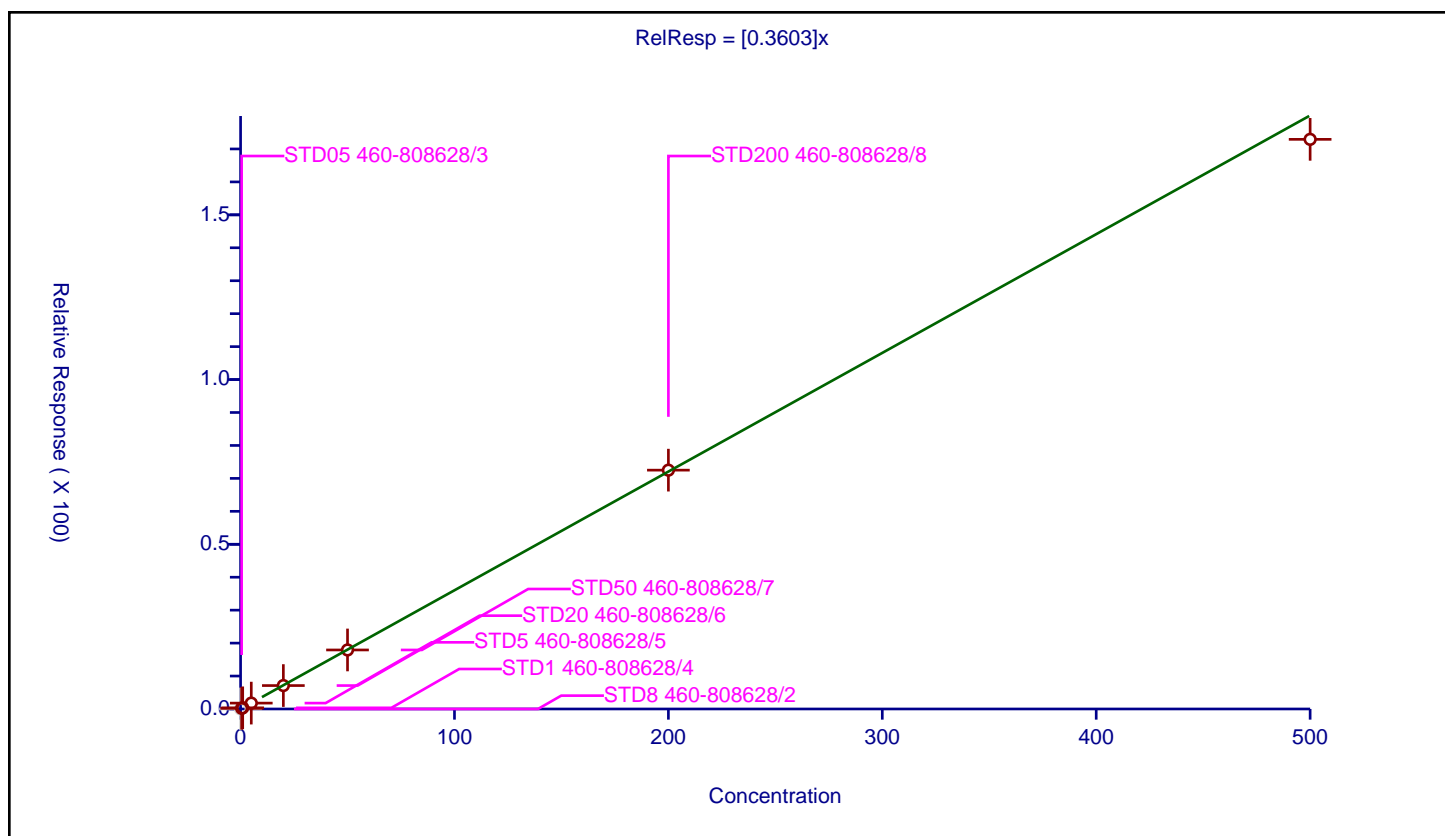
## Curve Coefficients

Intercept: 0  
 Slope: 0.3603

## Error Coefficients

Standard Error: 815000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5	0.197183	50.0	585497.0	0.394366	Y
3	STD1 460-808628/4	1.0	0.349077	50.0	582823.0	0.349077	Y
4	STD5 460-808628/5	5.0	1.782528	50.0	587873.0	0.356506	Y
5	STD20 460-808628/6	20.0	7.113154	50.0	576179.0	0.355658	Y
6	STD50 460-808628/7	50.0	17.915623	50.0	550246.0	0.358312	Y
7	STD200 460-808628/8	200.0	72.497167	50.0	534814.0	0.362486	Y
8	STD500 460-808628/9	500.0	172.920519	50.0	528341.0	0.345841	Y



# Calibration

/ 2-Nitropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

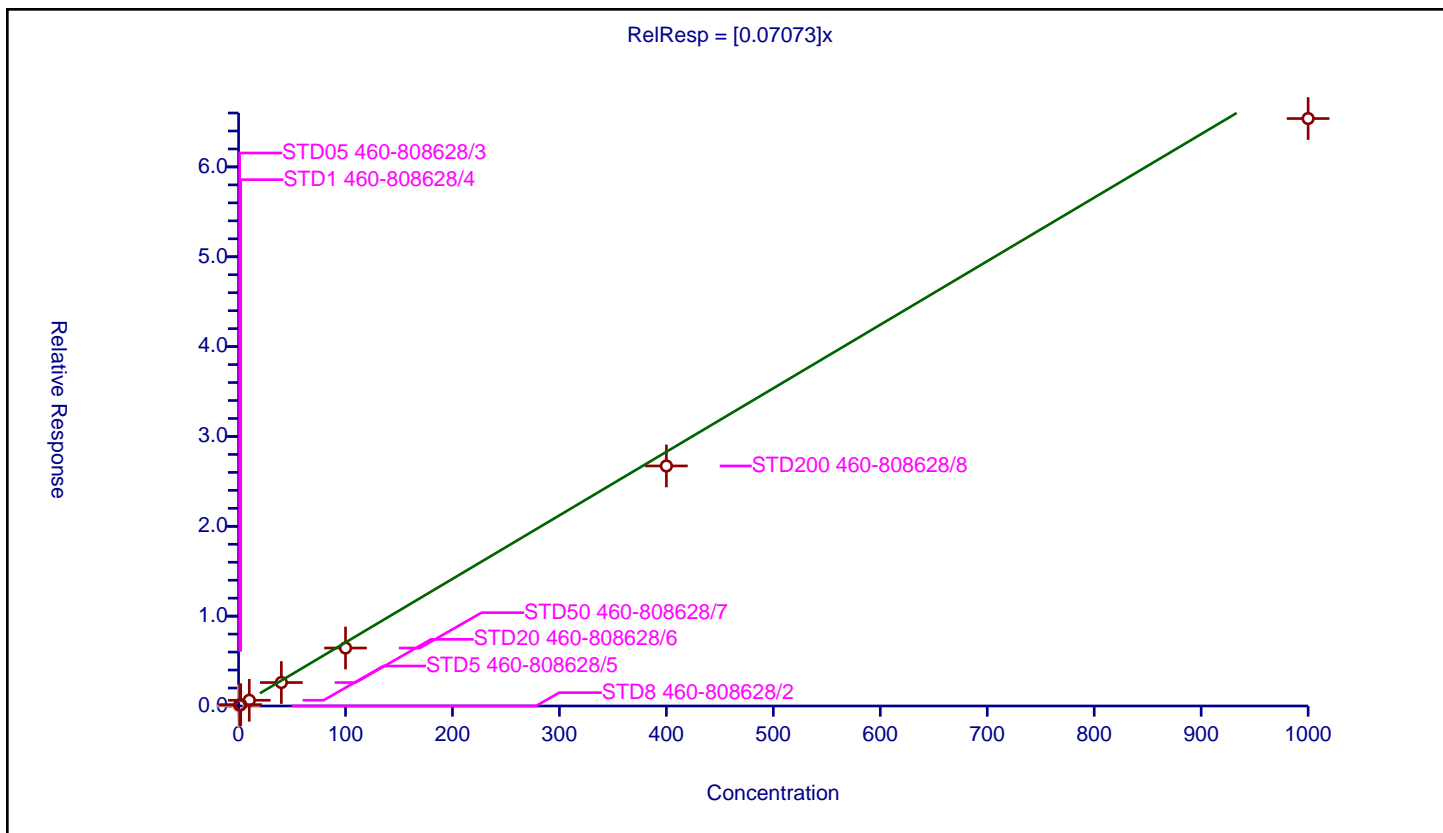
## Curve Coefficients

Intercept: 0  
 Slope: 0.07073

## Error Coefficients

Standard Error: 307000  
 Relative Standard Error: 17.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	1.0	0.097439	50.0	585497.0	0.097439	Y
3	STD1 460-808628/4	2.0	0.144383	50.0	582823.0	0.072192	Y
4	STD5 460-808628/5	10.0	0.635256	50.0	587873.0	0.063526	Y
5	STD20 460-808628/6	40.0	2.609692	50.0	576179.0	0.065242	Y
6	STD50 460-808628/7	100.0	6.45066	50.0	550246.0	0.064507	Y
7	STD200 460-808628/8	400.0	26.717513	50.0	534814.0	0.066794	Y
8	STD500 460-808628/9	1000.0	65.385991	50.0	528341.0	0.065386	Y



## Calibration

/ 2-Chloroethyl vinyl ether

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

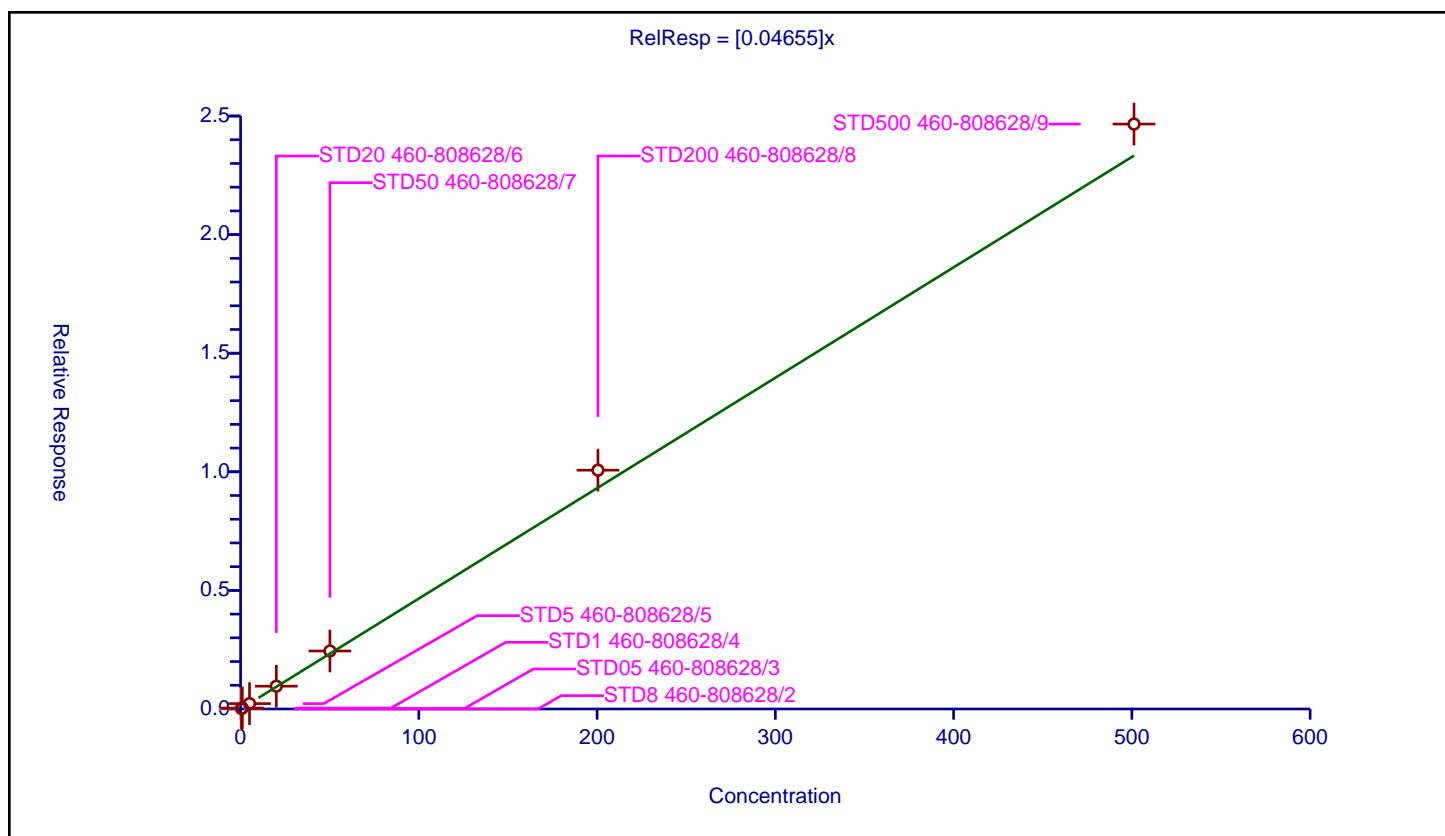
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.04655

## Error Coefficients

**Standard Error:** 116000  
**Relative Standard Error:** 7.7  
**Correlation Coefficient:** 1.000  
**Coefficient of Determination (Adjusted):** 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	590254.0	NaN	N
2	STD05 460-808628/3	0.5012	0.022289	50.0	585497.0	0.044471	Y
3	STD1 460-808628/4	1.0024	0.040149	50.0	582823.0	0.040053	Y
4	STD5 460-808628/5	5.012	0.226154	50.0	587873.0	0.045123	Y
5	STD20 460-808628/6	20.048	0.961854	50.0	576179.0	0.047978	Y
6	STD50 460-808628/7	50.12	2.444452	50.0	550246.0	0.048772	Y
7	STD200 460-808628/8	200.48	10.069015	50.0	534814.0	0.050225	Y
8	STD500 460-808628/9	501.2	24.660589	50.0	528341.0	0.049203	Y





# Calibration

/ Epichlorohydrin

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

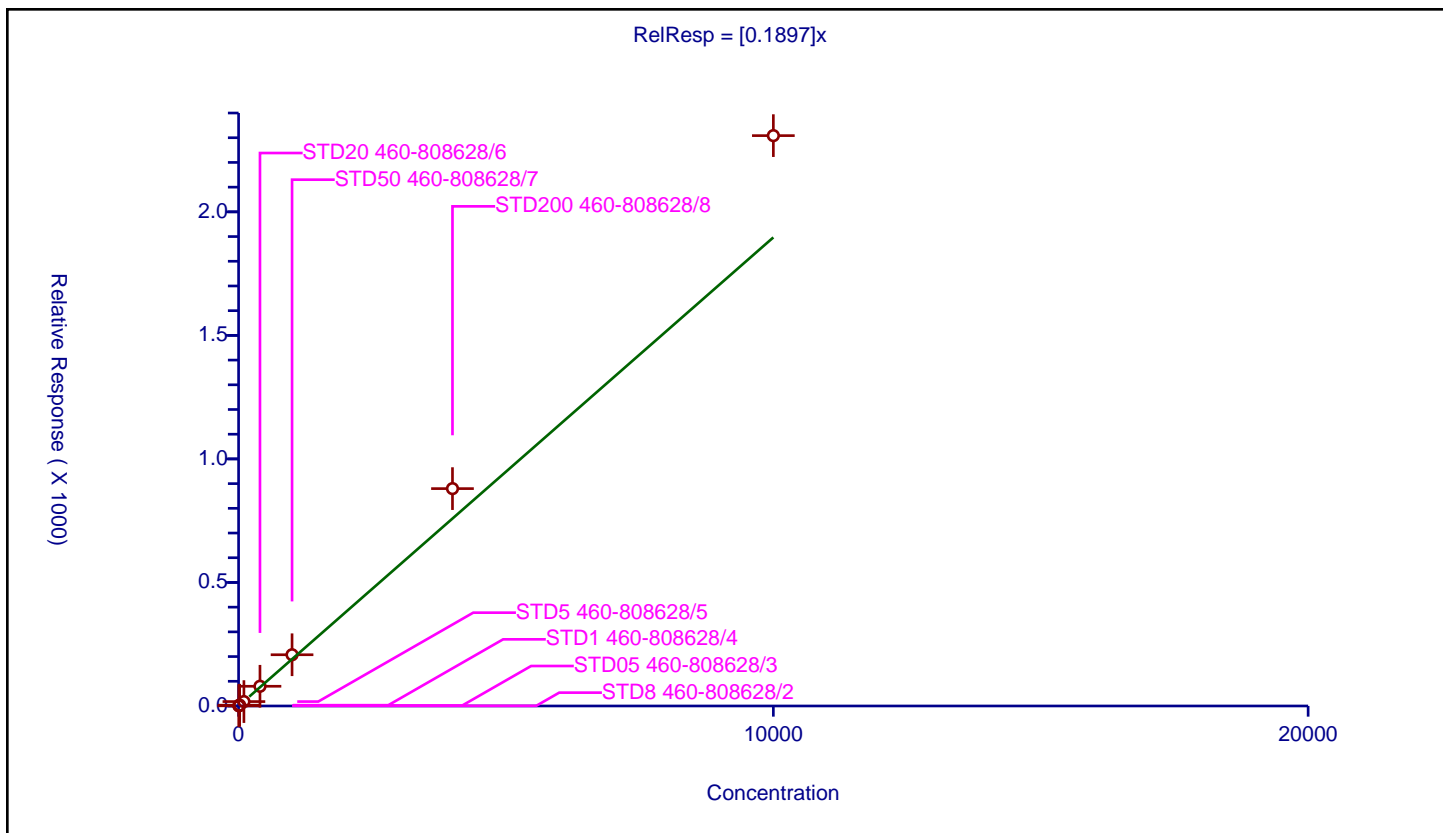
## Curve Coefficients

Intercept: 0  
 Slope: 0.1897

## Error Coefficients

Standard Error: 1080000  
 Relative Standard Error: 16.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	5.000009	0.664109	250.0	382844.0	0.132821	Y
2	STD05 460-808628/3	10.000017	1.816288	250.0	362828.0	0.181628	Y
3	STD1 460-808628/4	20.000035	3.329592	250.0	385783.0	0.166479	Y
4	STD5 460-808628/5	100.000173	17.850001	250.0	357563.0	0.1785	Y
5	STD20 460-808628/6	400.000692	79.847408	250.0	362601.0	0.199618	Y
6	STD50 460-808628/7	1000.00173	207.374311	250.0	343666.0	0.207374	Y
7	STD200 460-808628/8	4000.00692	879.78348	250.0	316506.0	0.219945	Y
8	STD500 460-808628/9	10000.0173	2308.472275	250.0	282852.0	0.230847	Y



## Calibration

/ cis-1,3-Dichloropropene

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

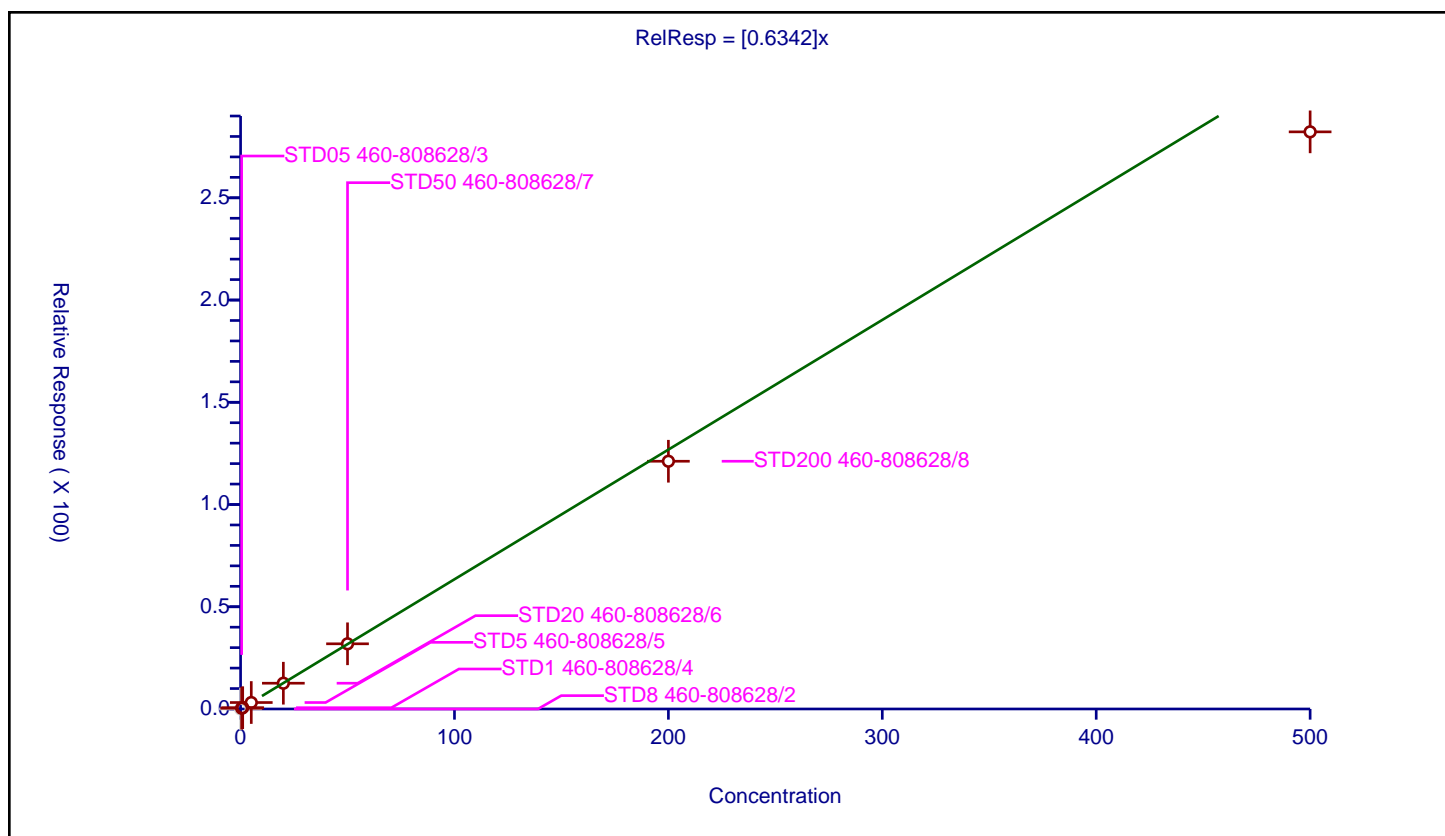
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.6342

## Error Coefficients

**Standard Error:** 1030000  
**Relative Standard Error:** 8.5  
**Correlation Coefficient:** 1.000  
**Coefficient of Determination (Adjusted):** 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.370904	50.0	403204.0	0.741808	Y
3	STD1 460-808628/4	1.0	0.627217	50.0	403050.0	0.627217	Y
4	STD5 460-808628/5	5.0	3.164374	50.0	405325.0	0.632875	Y
5	STD20 460-808628/6	20.0	12.599199	50.0	399196.0	0.62996	Y
6	STD50 460-808628/7	50.0	31.87445	50.0	388882.0	0.637489	Y
7	STD200 460-808628/8	200.0	121.164513	50.0	400588.0	0.605823	Y
8	STD500 460-808628/9	500.0	282.252025	50.0	408579.0	0.564504	Y



# Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

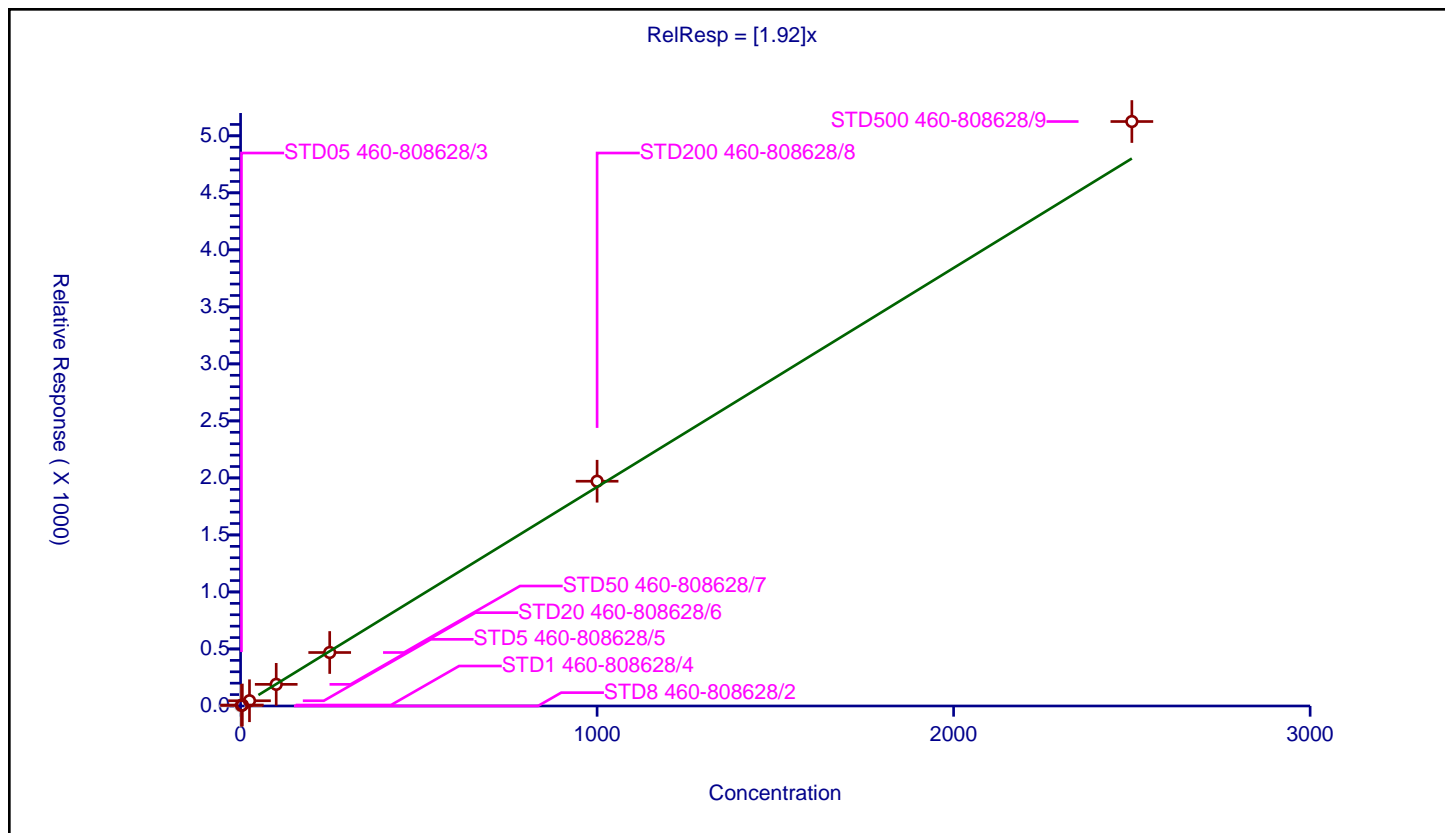
## Curve Coefficients

Intercept: 0  
Slope: 1.92

## Error Coefficients

Standard Error: 2590000  
Relative Standard Error: 7.1  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	2.5	5.27316	250.0	362828.0	2.109264	Y
3	STD1 460-808628/4	5.0	8.51191	250.0	385783.0	1.702382	Y
4	STD5 460-808628/5	25.0	45.910791	250.0	357563.0	1.836432	Y
5	STD20 460-808628/6	100.0	189.846415	250.0	362601.0	1.898464	Y
6	STD50 460-808628/7	250.0	468.934227	250.0	343666.0	1.875737	Y
7	STD200 460-808628/8	1000.0	1971.005289	250.0	316506.0	1.971005	Y
8	STD500 460-808628/9	2500.0	5125.428669	250.0	282852.0	2.050171	Y



# Calibration

/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

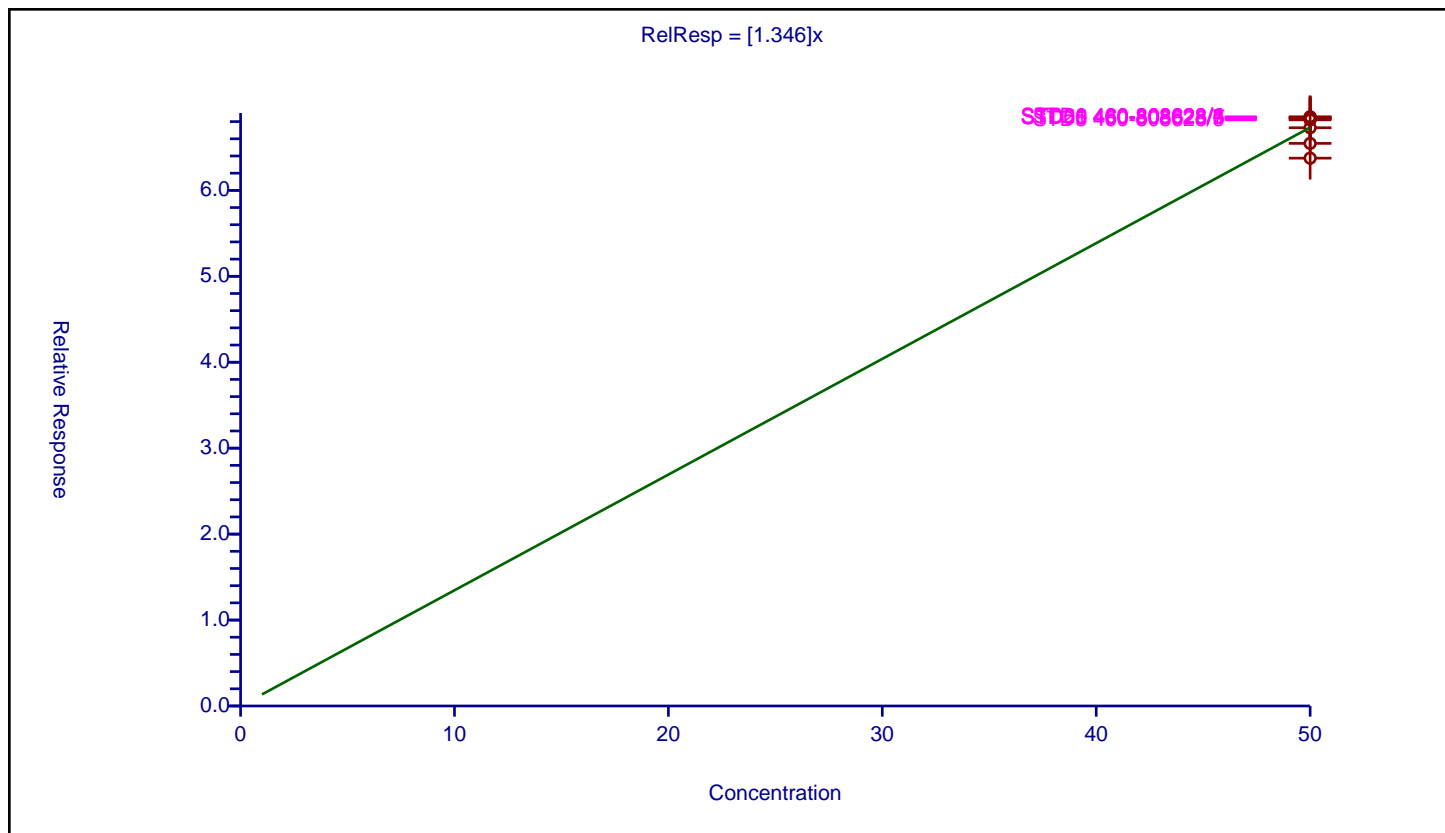
## Curve Coefficients

Intercept: 0  
 Slope: 1.346

## Error Coefficients

Standard Error: 580000  
 Relative Standard Error: 2.6  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	50.0	67.285749	50.0	414000.0	1.345715	Y
2	STD05 460-808628/3	50.0	68.355597	50.0	403204.0	1.367112	Y
3	STD1 460-808628/4	50.0	68.561965	50.0	403050.0	1.371239	Y
4	STD5 460-808628/5	50.0	68.206254	50.0	405325.0	1.364125	Y
5	STD20 460-808628/6	50.0	68.482775	50.0	399196.0	1.369656	Y
6	STD50 460-808628/7	50.0	68.427055	50.0	388882.0	1.368541	Y
7	STD200 460-808628/8	50.0	65.464517	50.0	400588.0	1.30929	Y
8	STD500 460-808628/9	50.0	63.74777	50.0	408579.0	1.274955	Y



# Calibration

/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

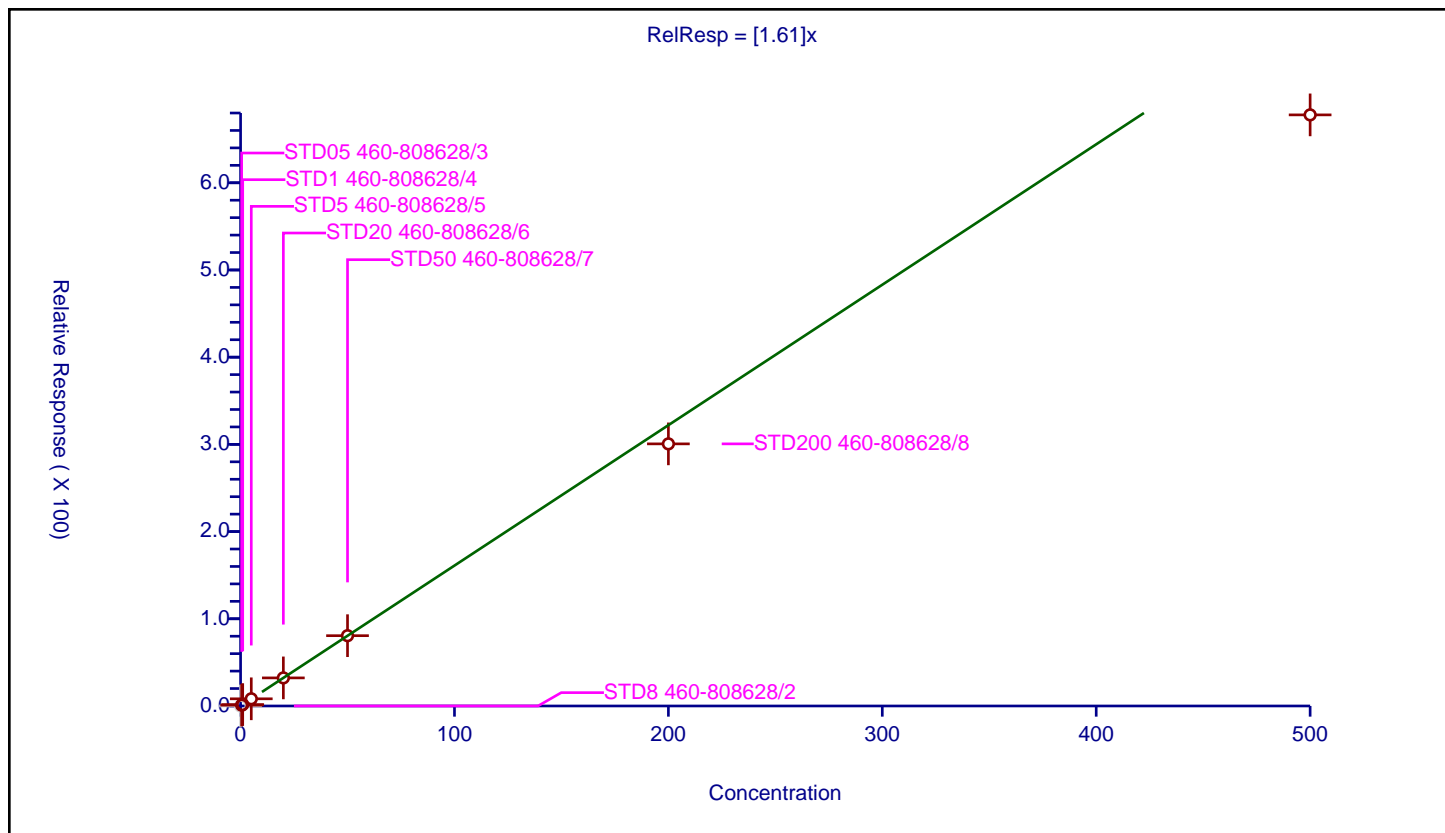
## Curve Coefficients

Intercept: 0  
 Slope: 1.61

## Error Coefficients

Standard Error: 2480000  
 Relative Standard Error: 10.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.96192	50.0	403204.0	1.92384	Y
3	STD1 460-808628/4	1.0	1.616053	50.0	403050.0	1.616053	Y
4	STD5 460-808628/5	5.0	8.249429	50.0	405325.0	1.649886	Y
5	STD20 460-808628/6	20.0	32.214125	50.0	399196.0	1.610706	Y
6	STD50 460-808628/7	50.0	80.622014	50.0	388882.0	1.61244	Y
7	STD200 460-808628/8	200.0	300.587511	50.0	400588.0	1.502938	Y
8	STD500 460-808628/9	500.0	677.870987	50.0	408579.0	1.355742	Y



# Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

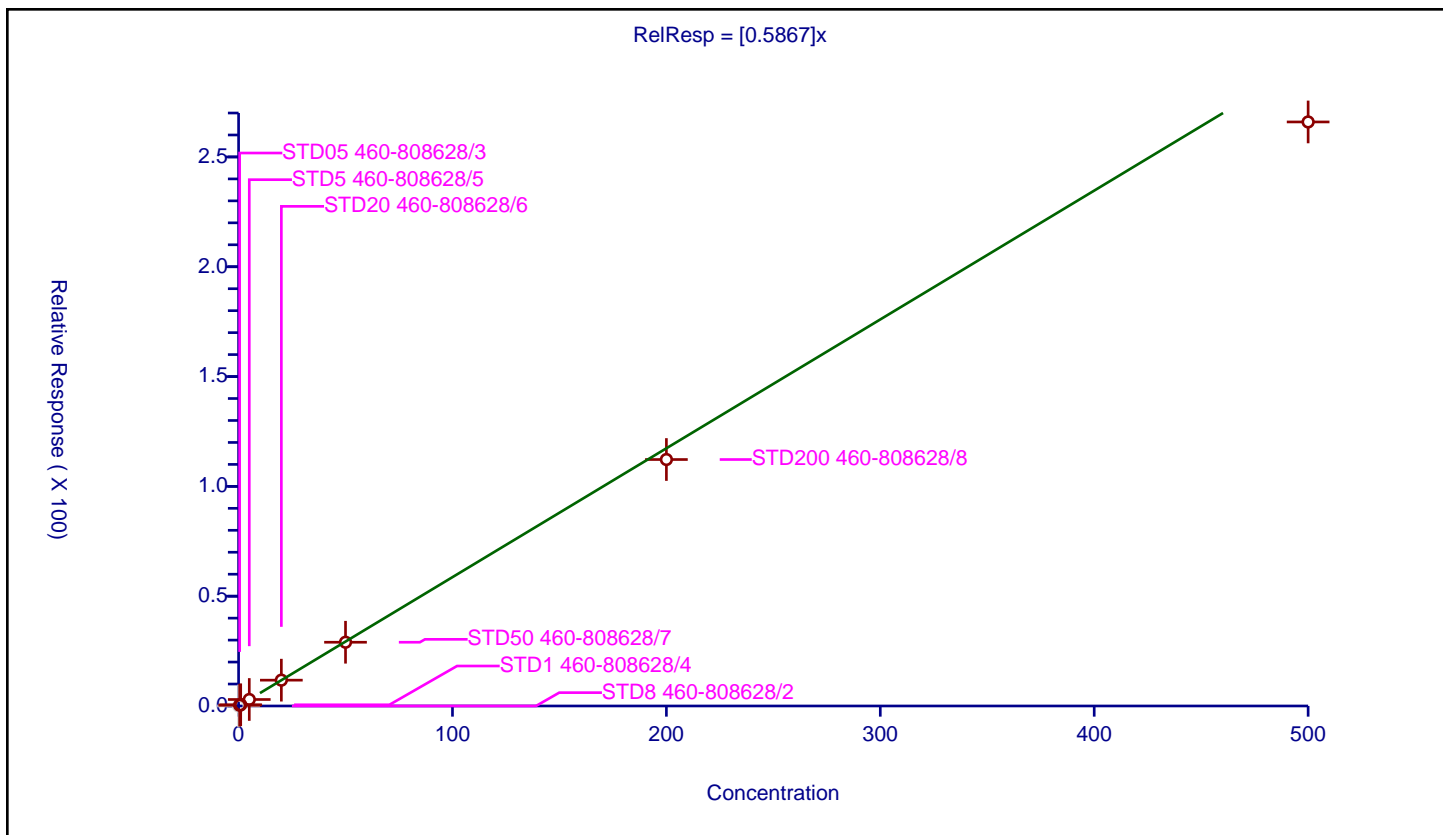
## Curve Coefficients

Intercept: 0  
 Slope: 0.5867

## Error Coefficients

Standard Error: 965000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.351807	50.0	403204.0	0.703614	Y
3	STD1 460-808628/4	1.0	0.550924	50.0	403050.0	0.550924	Y
4	STD5 460-808628/5	5.0	2.951335	50.0	405325.0	0.590267	Y
5	STD20 460-808628/6	20.0	11.765398	50.0	399196.0	0.58827	Y
6	STD50 460-808628/7	50.0	29.030657	50.0	388882.0	0.580613	Y
7	STD200 460-808628/8	200.0	112.228524	50.0	400588.0	0.561143	Y
8	STD500 460-808628/9	500.0	265.935229	50.0	408579.0	0.53187	Y



# Calibration

/ Ethyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

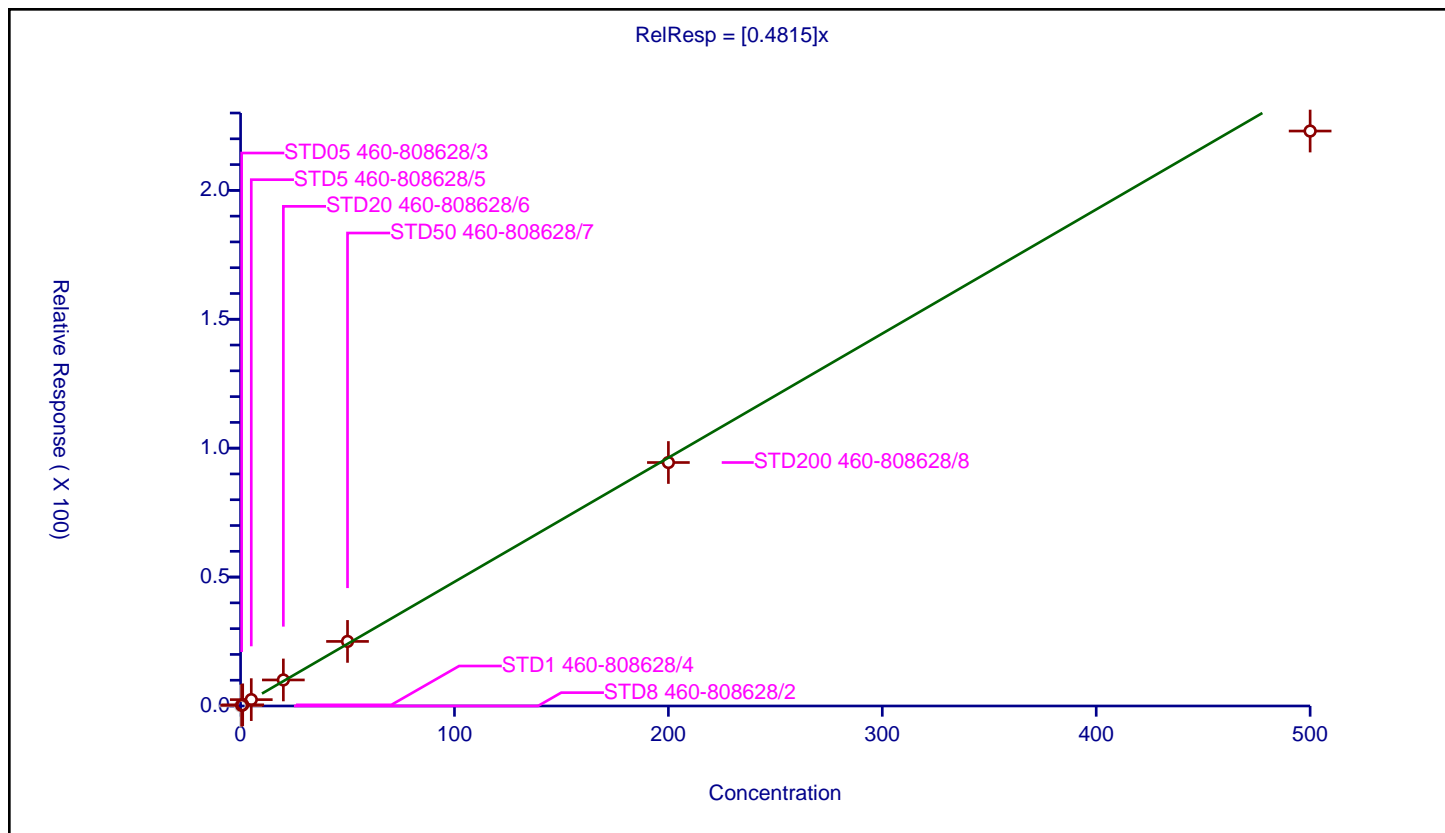
## Curve Coefficients

Intercept: 0  
 Slope: 0.4815

## Error Coefficients

Standard Error: 810000  
 Relative Standard Error: 5.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.250866	50.0	403204.0	0.501731	Y
3	STD1 460-808628/4	1.0	0.451061	50.0	403050.0	0.451061	Y
4	STD5 460-808628/5	5.0	2.466786	50.0	405325.0	0.493357	Y
5	STD20 460-808628/6	20.0	10.101178	50.0	399196.0	0.505059	Y
6	STD50 460-808628/7	50.0	25.050915	50.0	388882.0	0.501018	Y
7	STD200 460-808628/8	200.0	94.442544	50.0	400588.0	0.472213	Y
8	STD500 460-808628/9	500.0	223.006567	50.0	408579.0	0.446013	Y



# Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

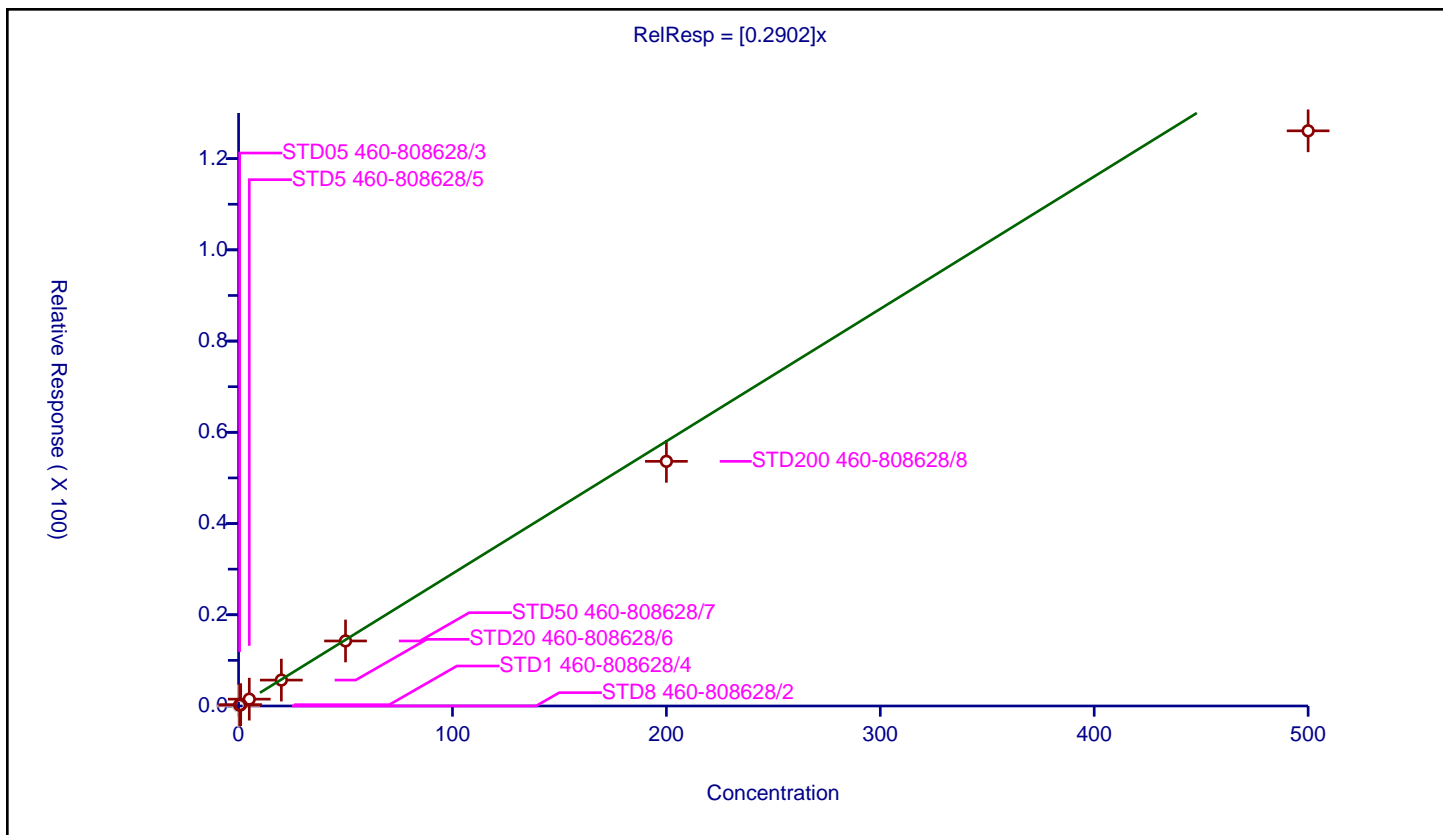
## Curve Coefficients

Intercept: 0  
 Slope: 0.2902

## Error Coefficients

Standard Error: 458000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.177702	50.0	403204.0	0.355403	Y
3	STD1 460-808628/4	1.0	0.286441	50.0	403050.0	0.286441	Y
4	STD5 460-808628/5	5.0	1.500154	50.0	405325.0	0.300031	Y
5	STD20 460-808628/6	20.0	5.67929	50.0	399196.0	0.283965	Y
6	STD50 460-808628/7	50.0	14.258181	50.0	388882.0	0.285164	Y
7	STD200 460-808628/8	200.0	53.638651	50.0	400588.0	0.268193	Y
8	STD500 460-808628/9	500.0	126.0963	50.0	408579.0	0.252193	Y





# Calibration

/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

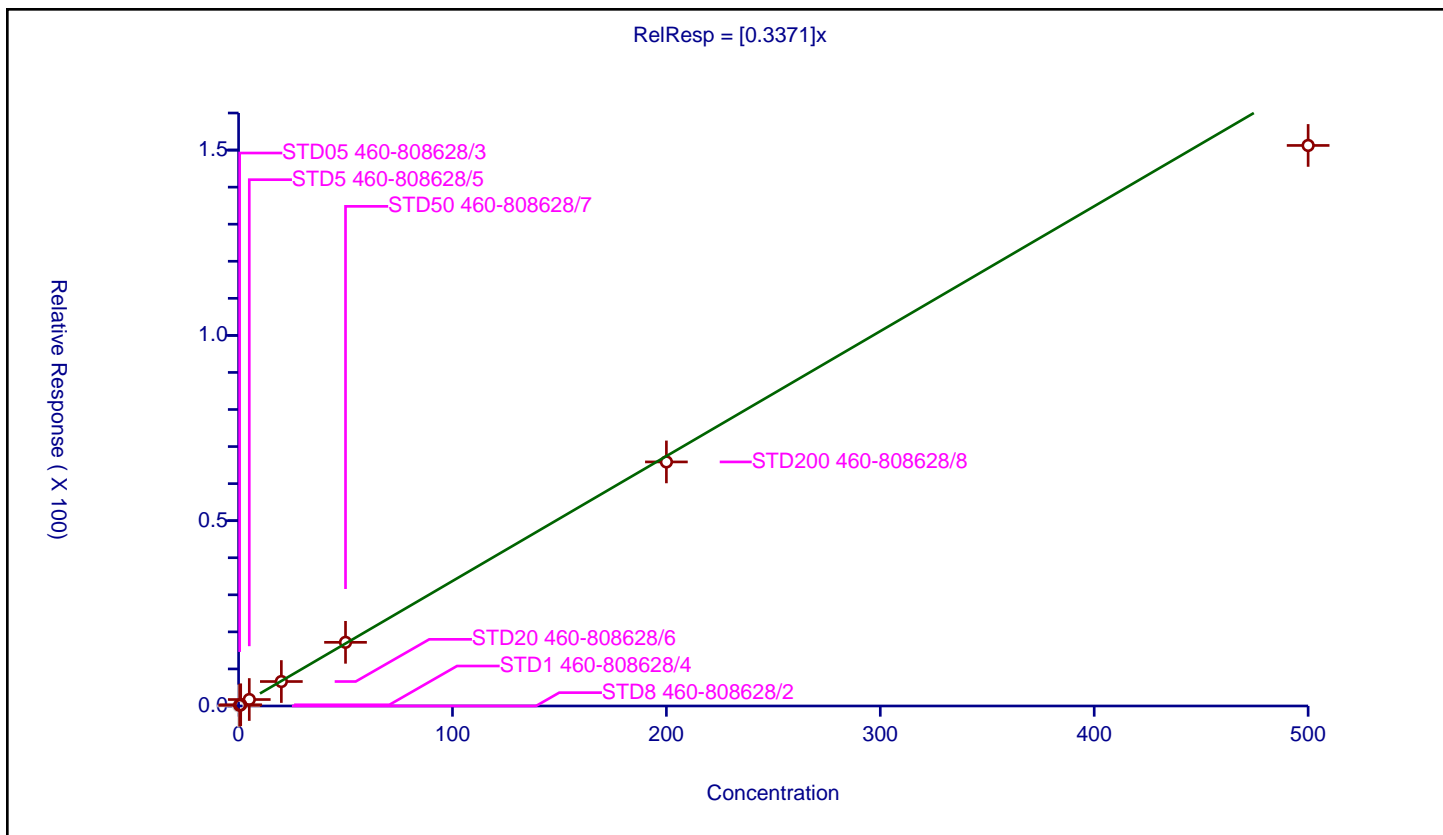
## Curve Coefficients

Intercept: 0  
 Slope: 0.3371

## Error Coefficients

Standard Error: 552000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.188862	50.0	403204.0	0.377724	Y
3	STD1 460-808628/4	1.0	0.327255	50.0	403050.0	0.327255	Y
4	STD5 460-808628/5	5.0	1.746623	50.0	405325.0	0.349325	Y
5	STD20 460-808628/6	20.0	6.603398	50.0	399196.0	0.33017	Y
6	STD50 460-808628/7	50.0	17.177833	50.0	388882.0	0.343557	Y
7	STD200 460-808628/8	200.0	65.855567	50.0	400588.0	0.329278	Y
8	STD500 460-808628/9	500.0	151.247739	50.0	408579.0	0.302495	Y



# Calibration

/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

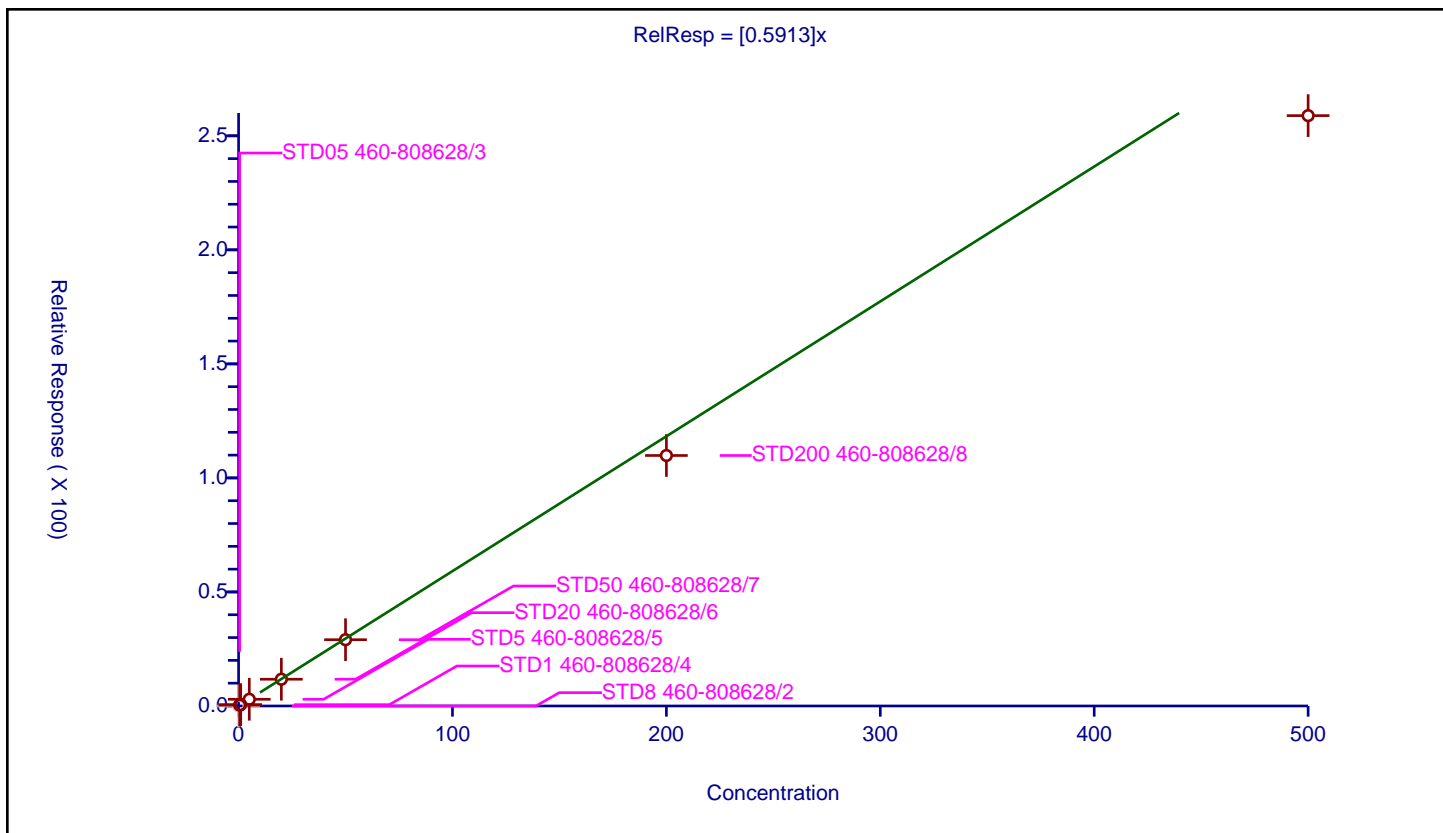
## Curve Coefficients

Intercept: 0  
 Slope: 0.5913

## Error Coefficients

Standard Error: 941000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.362596	50.0	403204.0	0.725191	Y
3	STD1 460-808628/4	1.0	0.590622	50.0	403050.0	0.590622	Y
4	STD5 460-808628/5	5.0	2.942577	50.0	405325.0	0.588515	Y
5	STD20 460-808628/6	20.0	11.730077	50.0	399196.0	0.586504	Y
6	STD50 460-808628/7	50.0	29.066529	50.0	388882.0	0.581331	Y
7	STD200 460-808628/8	200.0	109.8298	50.0	400588.0	0.549149	Y
8	STD500 460-808628/9	500.0	258.853612	50.0	408579.0	0.517707	Y



# Calibration

/ 2-Hexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

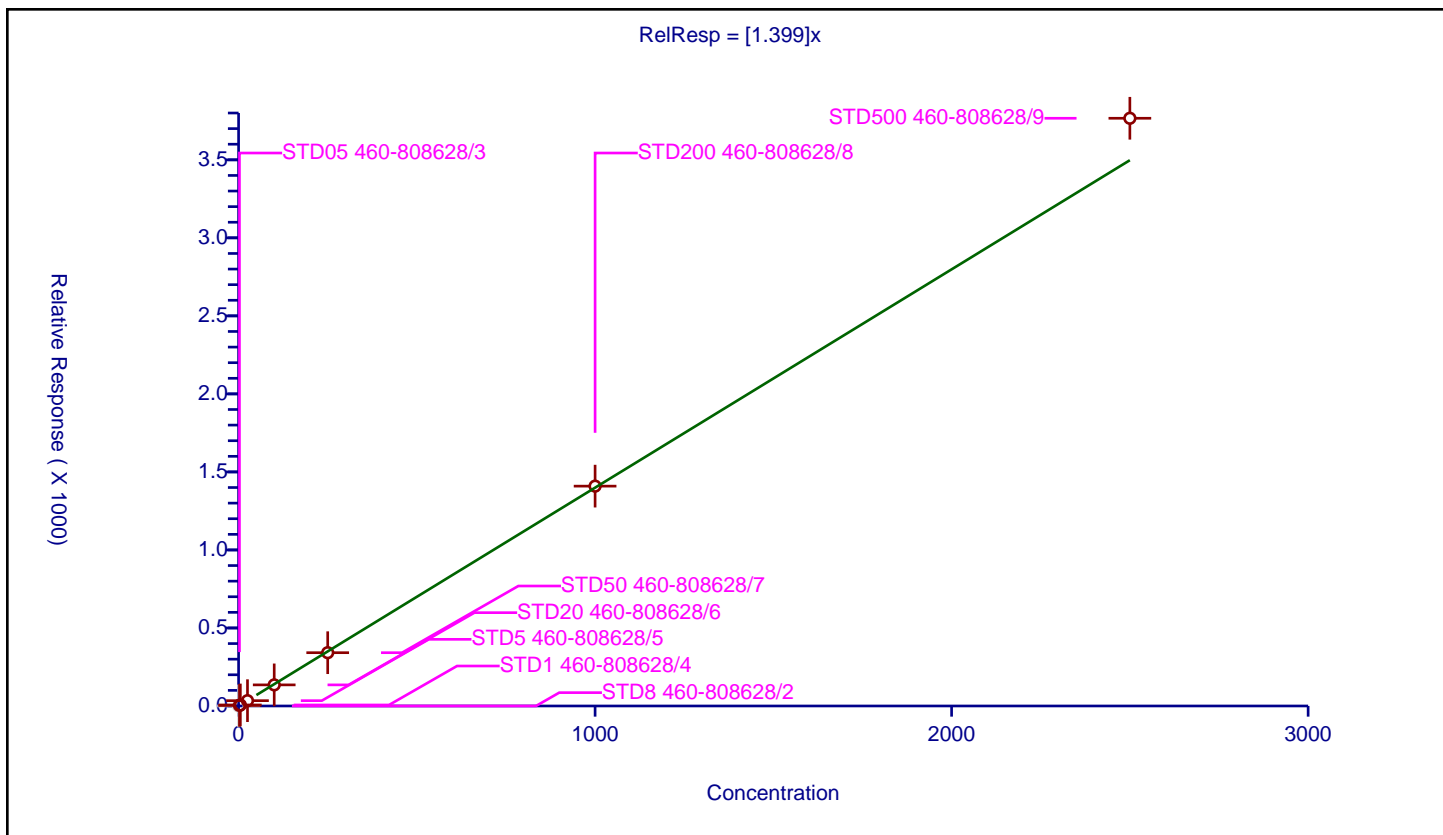
## Curve Coefficients

Intercept: 0  
 Slope: 1.399

## Error Coefficients

Standard Error: 1900000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	250.0	382844.0	NaN	N
2	STD05 460-808628/3	2.5	3.72904	250.0	362828.0	1.491616	Y
3	STD1 460-808628/4	5.0	6.533466	250.0	385783.0	1.306693	Y
4	STD5 460-808628/5	25.0	34.026871	250.0	357563.0	1.361075	Y
5	STD20 460-808628/6	100.0	135.223703	250.0	362601.0	1.352237	Y
6	STD50 460-808628/7	250.0	341.53946	250.0	343666.0	1.366158	Y
7	STD200 460-808628/8	1000.0	1408.888773	250.0	316506.0	1.408889	Y
8	STD500 460-808628/9	2500.0	3766.392849	250.0	282852.0	1.506557	Y



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

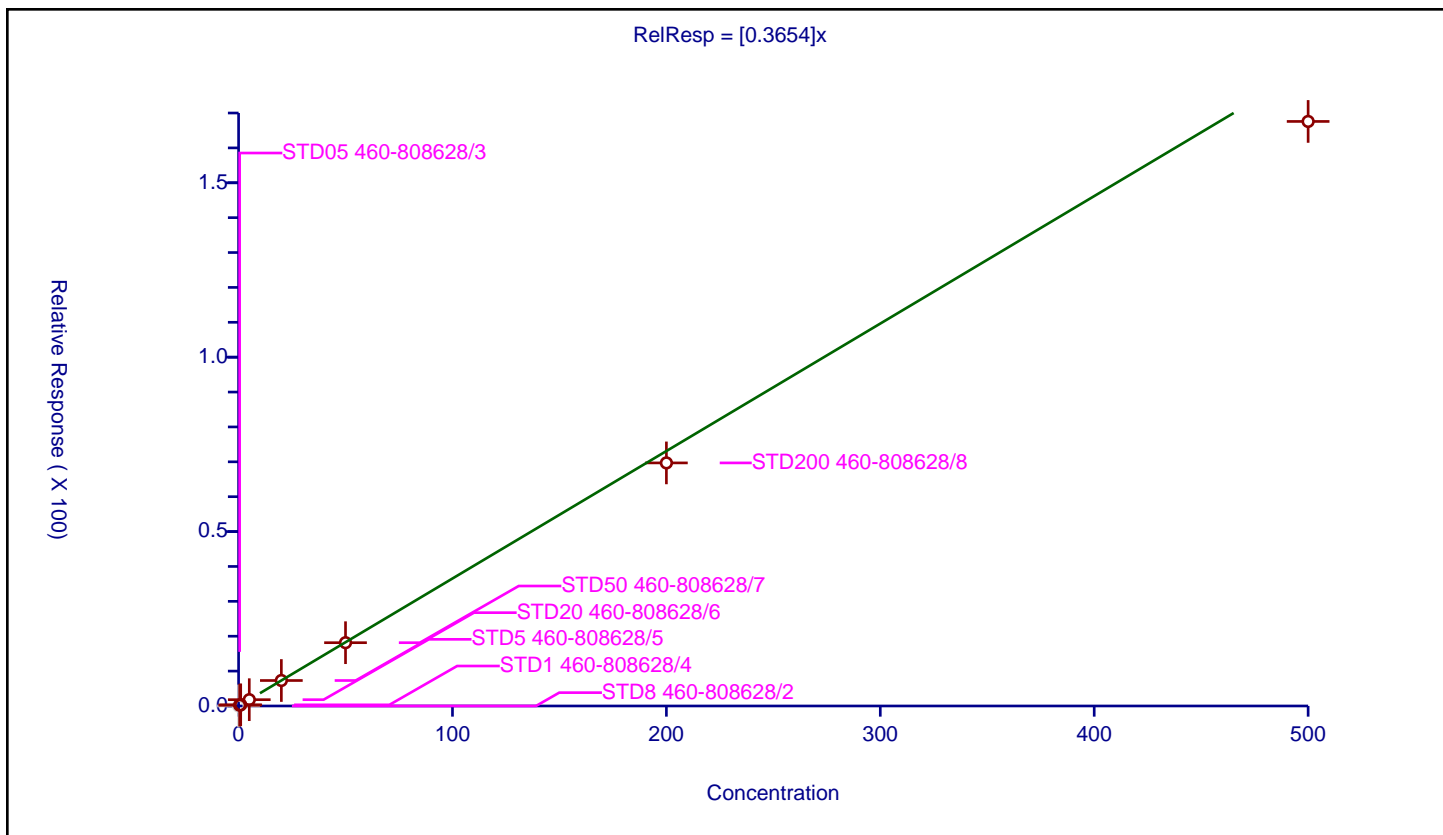
## Curve Coefficients

Intercept: 0  
 Slope: 0.3654

## Error Coefficients

Standard Error: 607000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.226684	50.0	403204.0	0.453369	Y
3	STD1 460-808628/4	1.0	0.331969	50.0	403050.0	0.331969	Y
4	STD5 460-808628/5	5.0	1.805588	50.0	405325.0	0.361118	Y
5	STD20 460-808628/6	20.0	7.301426	50.0	399196.0	0.365071	Y
6	STD50 460-808628/7	50.0	18.147664	50.0	388882.0	0.362953	Y
7	STD200 460-808628/8	200.0	69.685687	50.0	400588.0	0.348428	Y
8	STD500 460-808628/9	500.0	167.587052	50.0	408579.0	0.335174	Y



# Calibration

/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

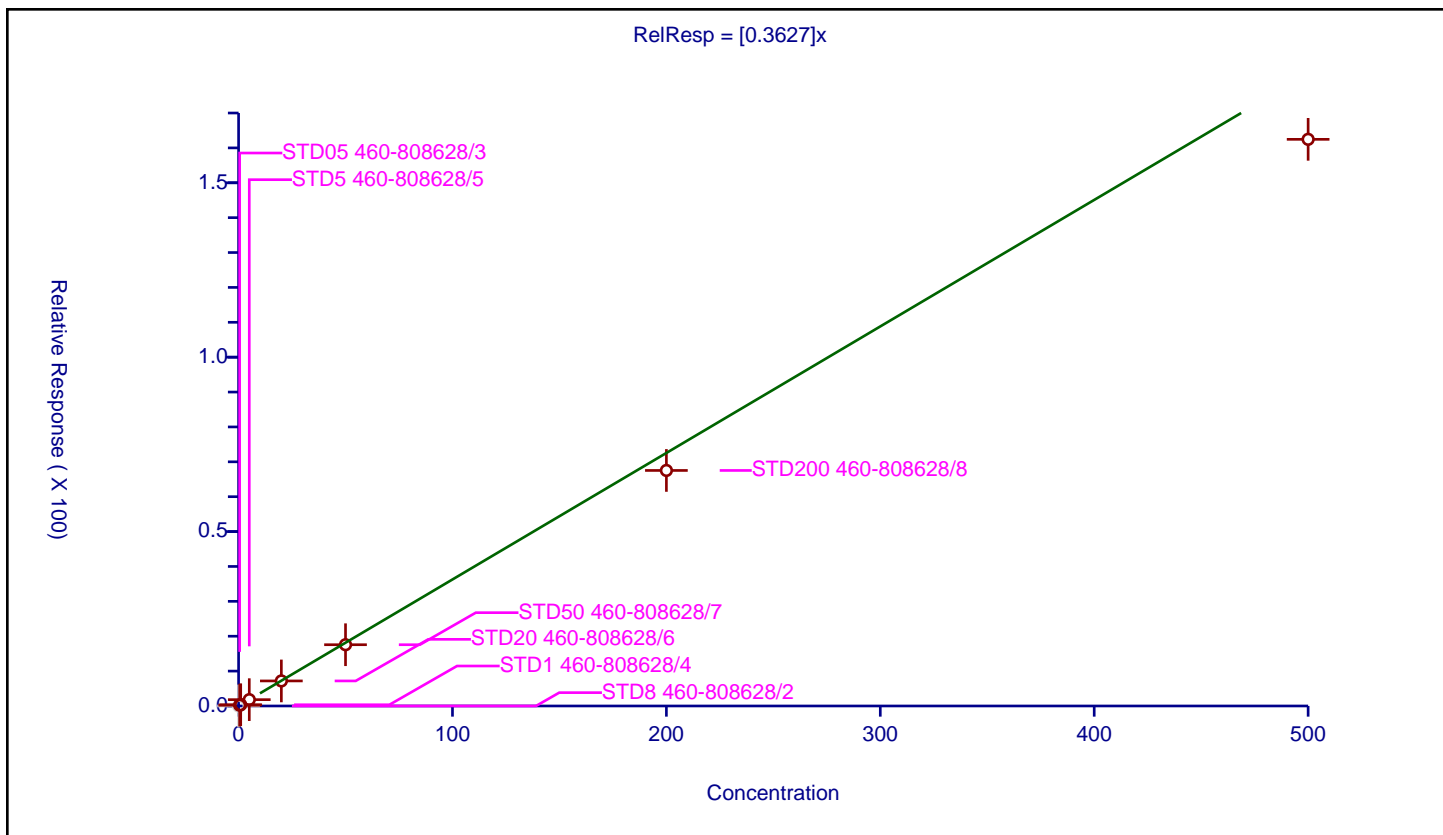
## Curve Coefficients

Intercept: 0  
 Slope: 0.3627

## Error Coefficients

Standard Error: 588000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.225568	50.0	403204.0	0.451136	Y
3	STD1 460-808628/4	1.0	0.351817	50.0	403050.0	0.351817	Y
4	STD5 460-808628/5	5.0	1.81595	50.0	405325.0	0.36319	Y
5	STD20 460-808628/6	20.0	7.181059	50.0	399196.0	0.359053	Y
6	STD50 460-808628/7	50.0	17.562268	50.0	388882.0	0.351245	Y
7	STD200 460-808628/8	200.0	67.526985	50.0	400588.0	0.337635	Y
8	STD500 460-808628/9	500.0	162.455608	50.0	408579.0	0.324911	Y



# Calibration

/ n-Butyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

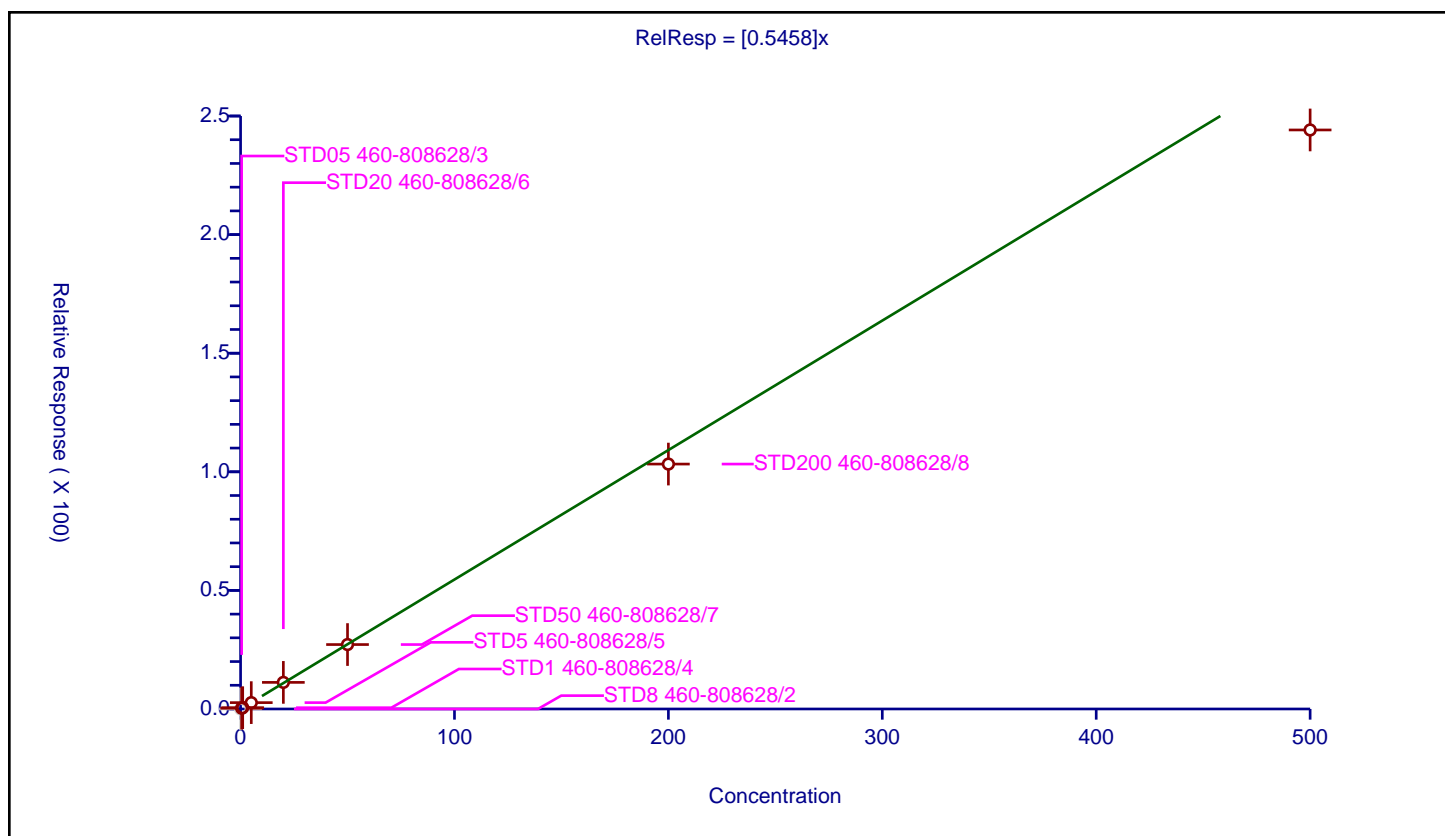
## Curve Coefficients

Intercept: 0  
 Slope: 0.5458

## Error Coefficients

Standard Error: 887000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.315349	50.0	403204.0	0.630698	Y
3	STD1 460-808628/4	1.0	0.545218	50.0	403050.0	0.545218	Y
4	STD5 460-808628/5	5.0	2.679085	50.0	405325.0	0.535817	Y
5	STD20 460-808628/6	20.0	11.219176	50.0	399196.0	0.560959	Y
6	STD50 460-808628/7	50.0	27.169296	50.0	388882.0	0.543386	Y
7	STD200 460-808628/8	200.0	103.259833	50.0	400588.0	0.516299	Y
8	STD500 460-808628/9	500.0	244.122801	50.0	408579.0	0.488246	Y



# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

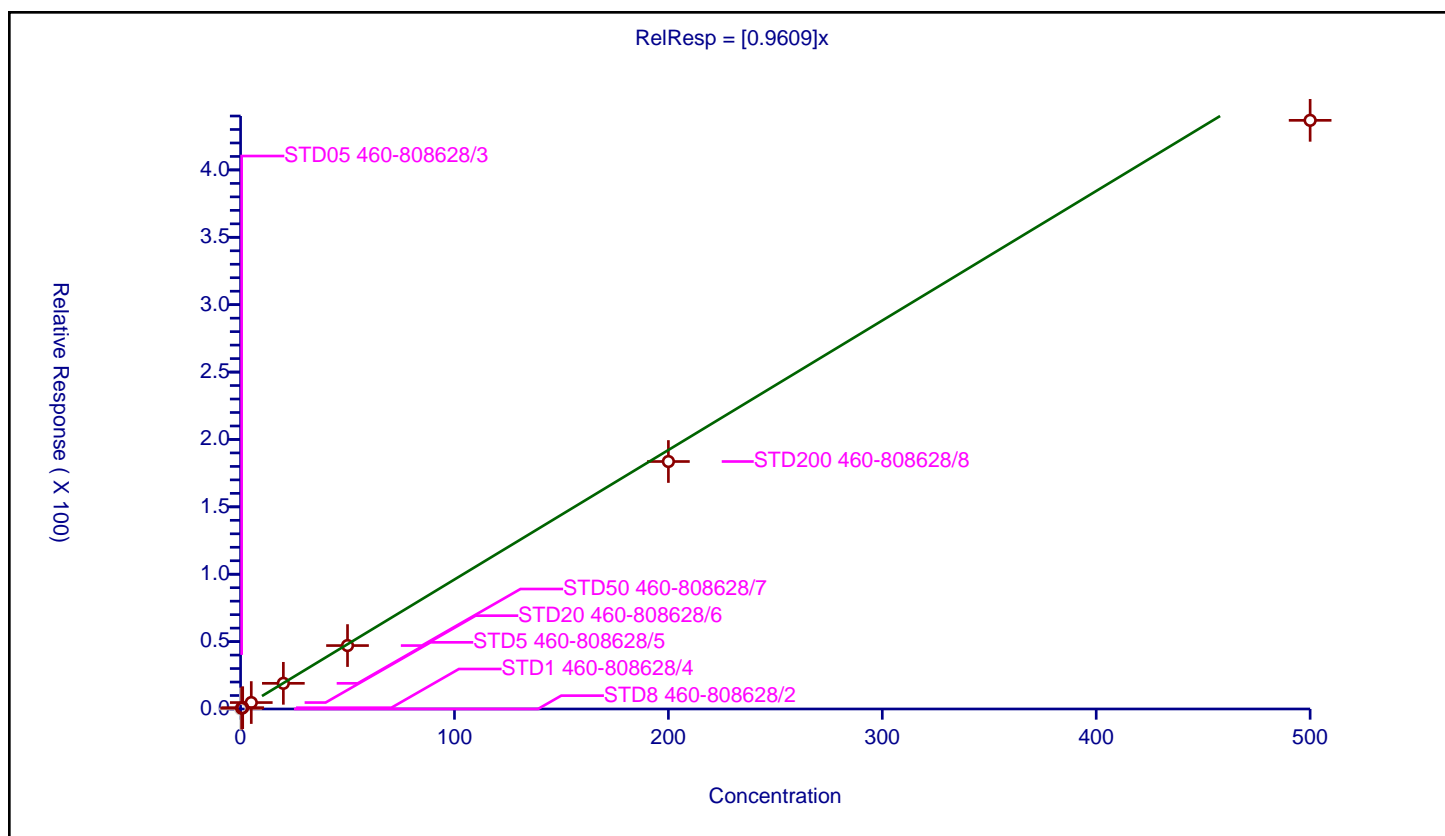
## Curve Coefficients

Intercept: 0  
 Slope: 0.9609

## Error Coefficients

Standard Error: 1580000  
 Relative Standard Error: 8.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.565719	50.0	403204.0	1.131437	Y
3	STD1 460-808628/4	1.0	0.952611	50.0	403050.0	0.952611	Y
4	STD5 460-808628/5	5.0	4.781842	50.0	405325.0	0.956368	Y
5	STD20 460-808628/6	20.0	19.052671	50.0	399196.0	0.952634	Y
6	STD50 460-808628/7	50.0	47.064534	50.0	388882.0	0.941291	Y
7	STD200 460-808628/8	200.0	183.638177	50.0	400588.0	0.918191	Y
8	STD500 460-808628/9	500.0	436.78958	50.0	408579.0	0.873579	Y



# Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

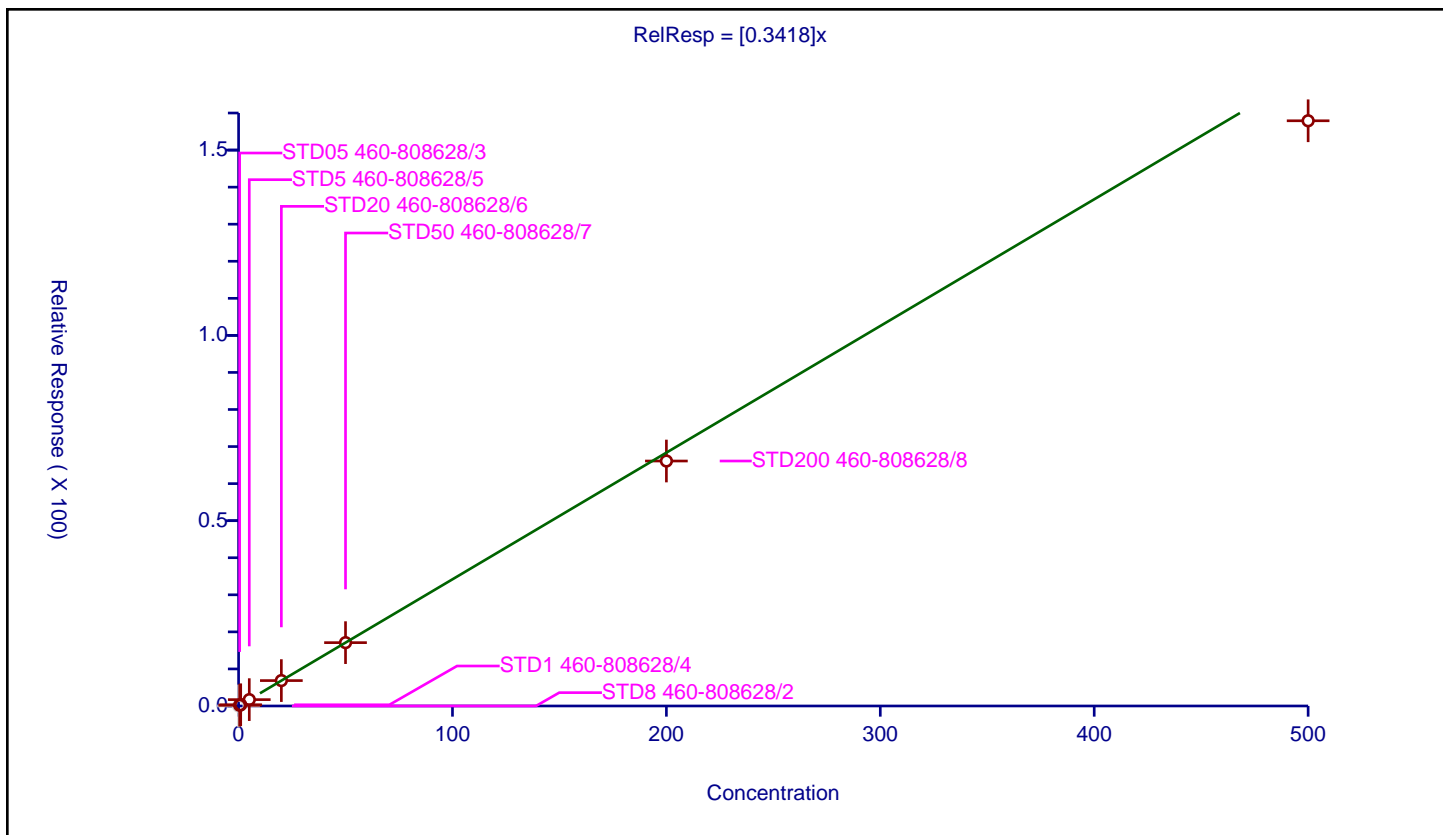
## Curve Coefficients

Intercept: 0  
 Slope: 0.3418

## Error Coefficients

Standard Error: 572000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.194815	50.0	403204.0	0.389629	Y
3	STD1 460-808628/4	1.0	0.329364	50.0	403050.0	0.329364	Y
4	STD5 460-808628/5	5.0	1.71307	50.0	405325.0	0.342614	Y
5	STD20 460-808628/6	20.0	6.856156	50.0	399196.0	0.342808	Y
6	STD50 460-808628/7	50.0	17.092331	50.0	388882.0	0.341847	Y
7	STD200 460-808628/8	200.0	66.101955	50.0	400588.0	0.33051	Y
8	STD500 460-808628/9	500.0	157.905815	50.0	408579.0	0.315812	Y





# Calibration

/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

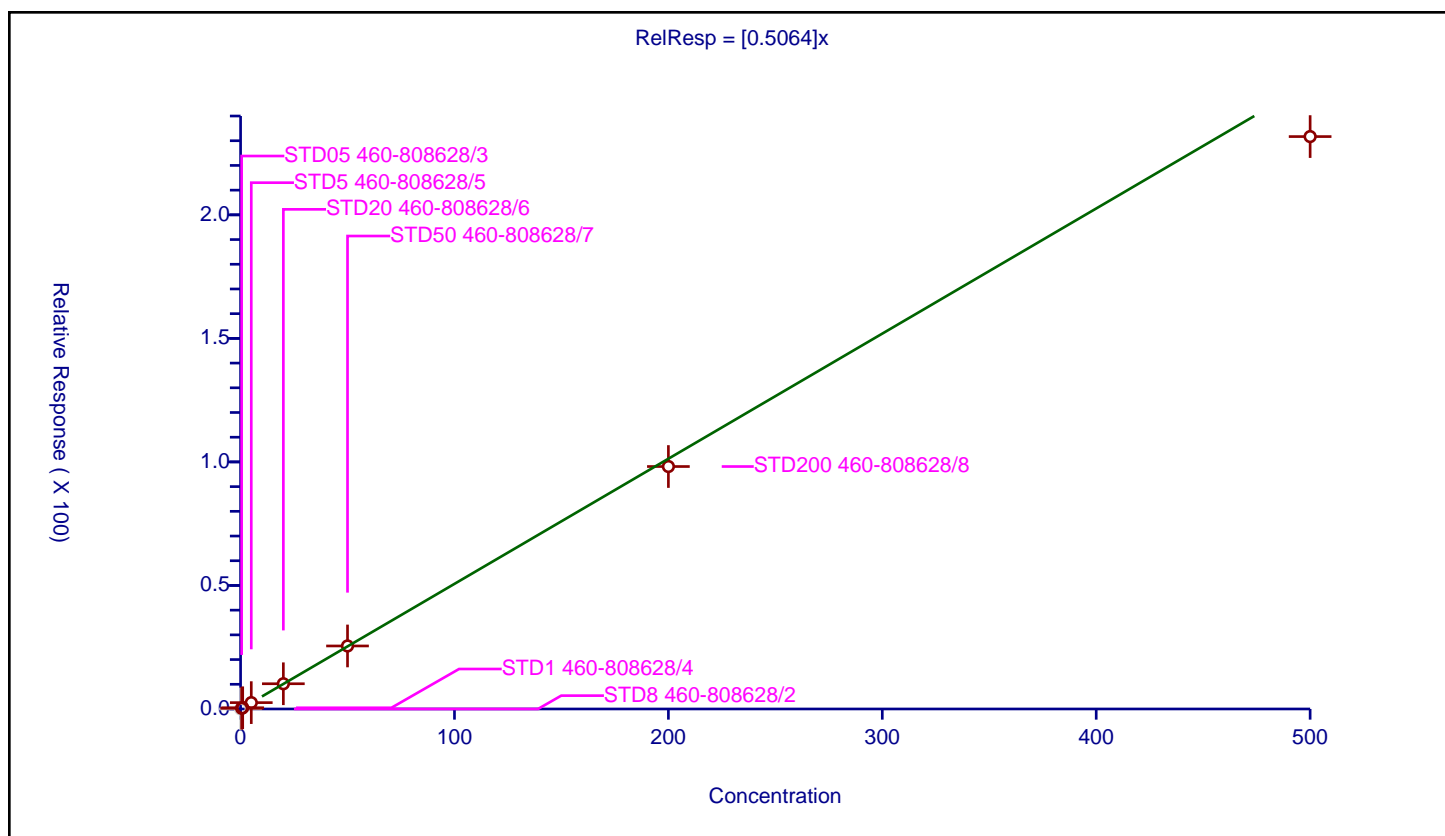
## Curve Coefficients

Intercept: 0  
 Slope: 0.5064

## Error Coefficients

Standard Error: 841000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.284719	50.0	403204.0	0.569439	Y
3	STD1 460-808628/4	1.0	0.48654	50.0	403050.0	0.48654	Y
4	STD5 460-808628/5	5.0	2.570036	50.0	405325.0	0.514007	Y
5	STD20 460-808628/6	20.0	10.213279	50.0	399196.0	0.510664	Y
6	STD50 460-808628/7	50.0	25.514552	50.0	388882.0	0.510291	Y
7	STD200 460-808628/8	200.0	98.137238	50.0	400588.0	0.490686	Y
8	STD500 460-808628/9	500.0	231.682735	50.0	408579.0	0.463365	Y



# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

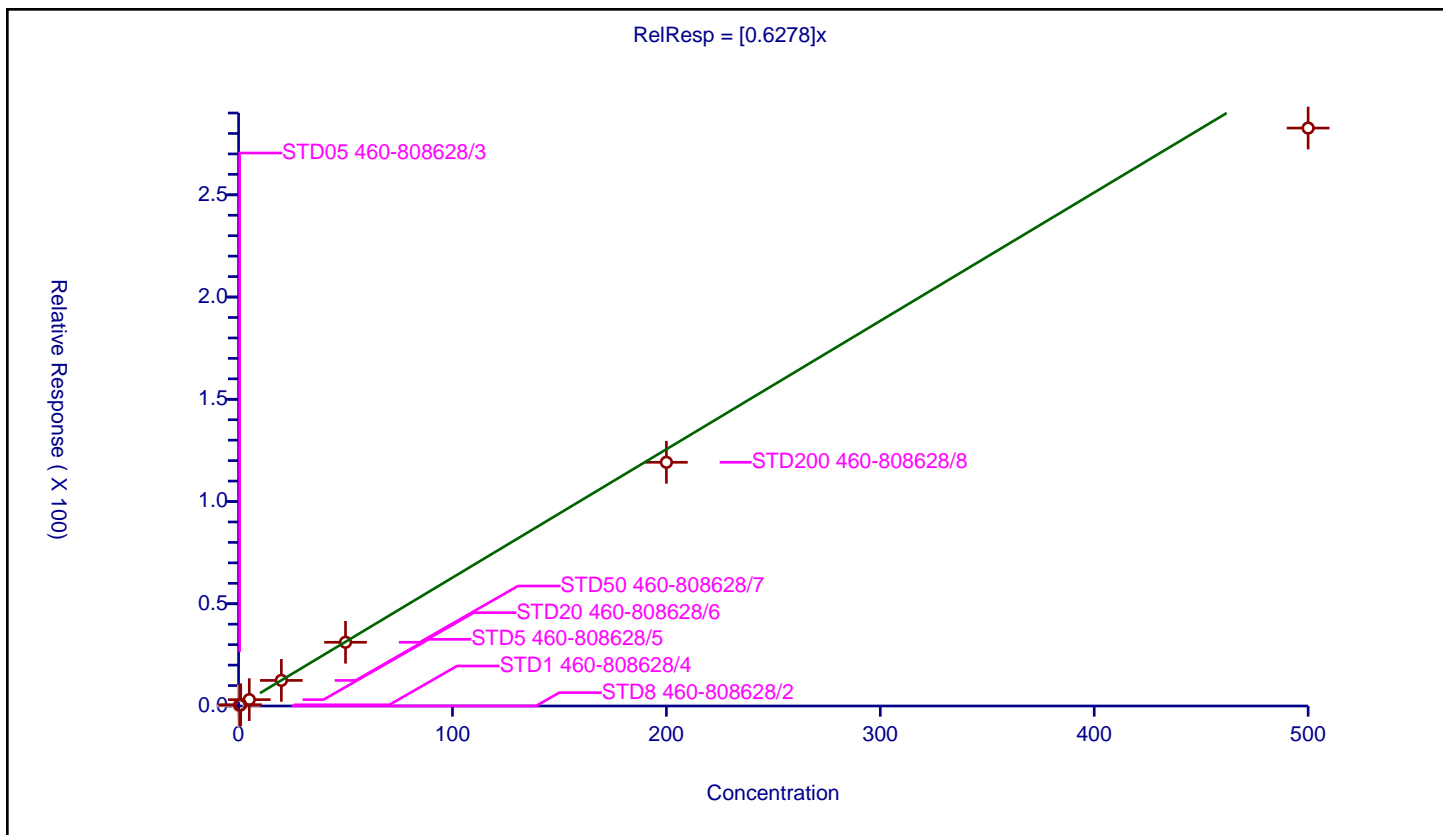
## Curve Coefficients

Intercept: 0  
 Slope: 0.6278

## Error Coefficients

Standard Error: 1030000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.381693	50.0	403204.0	0.763385	Y
3	STD1 460-808628/4	1.0	0.599802	50.0	403050.0	0.599802	Y
4	STD5 460-808628/5	5.0	3.105286	50.0	405325.0	0.621057	Y
5	STD20 460-808628/6	20.0	12.516533	50.0	399196.0	0.625827	Y
6	STD50 460-808628/7	50.0	31.164981	50.0	388882.0	0.6233	Y
7	STD200 460-808628/8	200.0	119.177559	50.0	400588.0	0.595888	Y
8	STD500 460-808628/9	500.0	282.650356	50.0	408579.0	0.565301	Y



# Calibration

/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

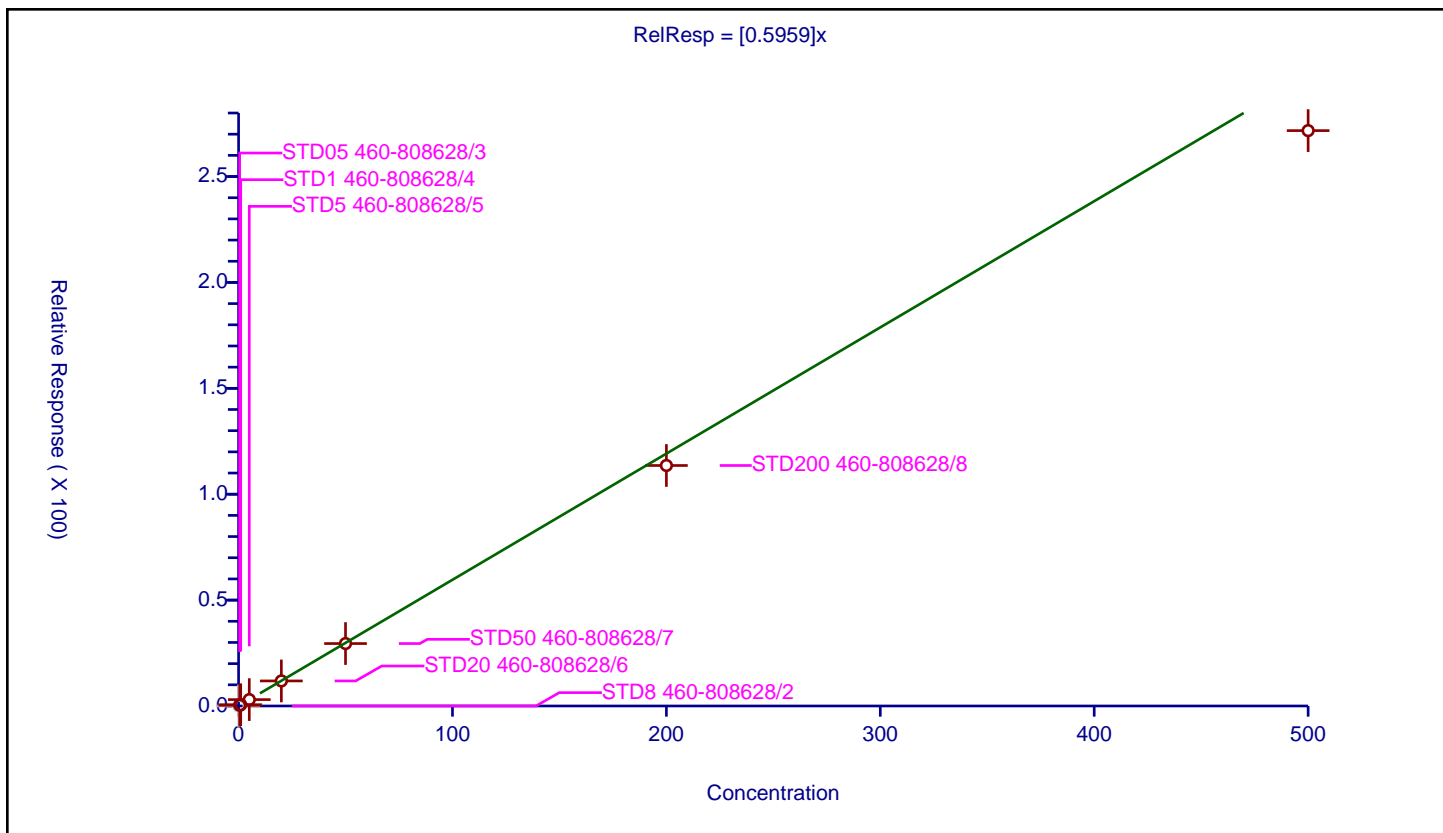
## Curve Coefficients

Intercept: 0  
 Slope: 0.5959

## Error Coefficients

Standard Error: 985000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.338414	50.0	403204.0	0.676829	Y
3	STD1 460-808628/4	1.0	0.599553	50.0	403050.0	0.599553	Y
4	STD5 460-808628/5	5.0	3.012397	50.0	405325.0	0.602479	Y
5	STD20 460-808628/6	20.0	11.830529	50.0	399196.0	0.591526	Y
6	STD50 460-808628/7	50.0	29.488894	50.0	388882.0	0.589778	Y
7	STD200 460-808628/8	200.0	113.563187	50.0	400588.0	0.567816	Y
8	STD500 460-808628/9	500.0	271.685892	50.0	408579.0	0.543372	Y



# Calibration

/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

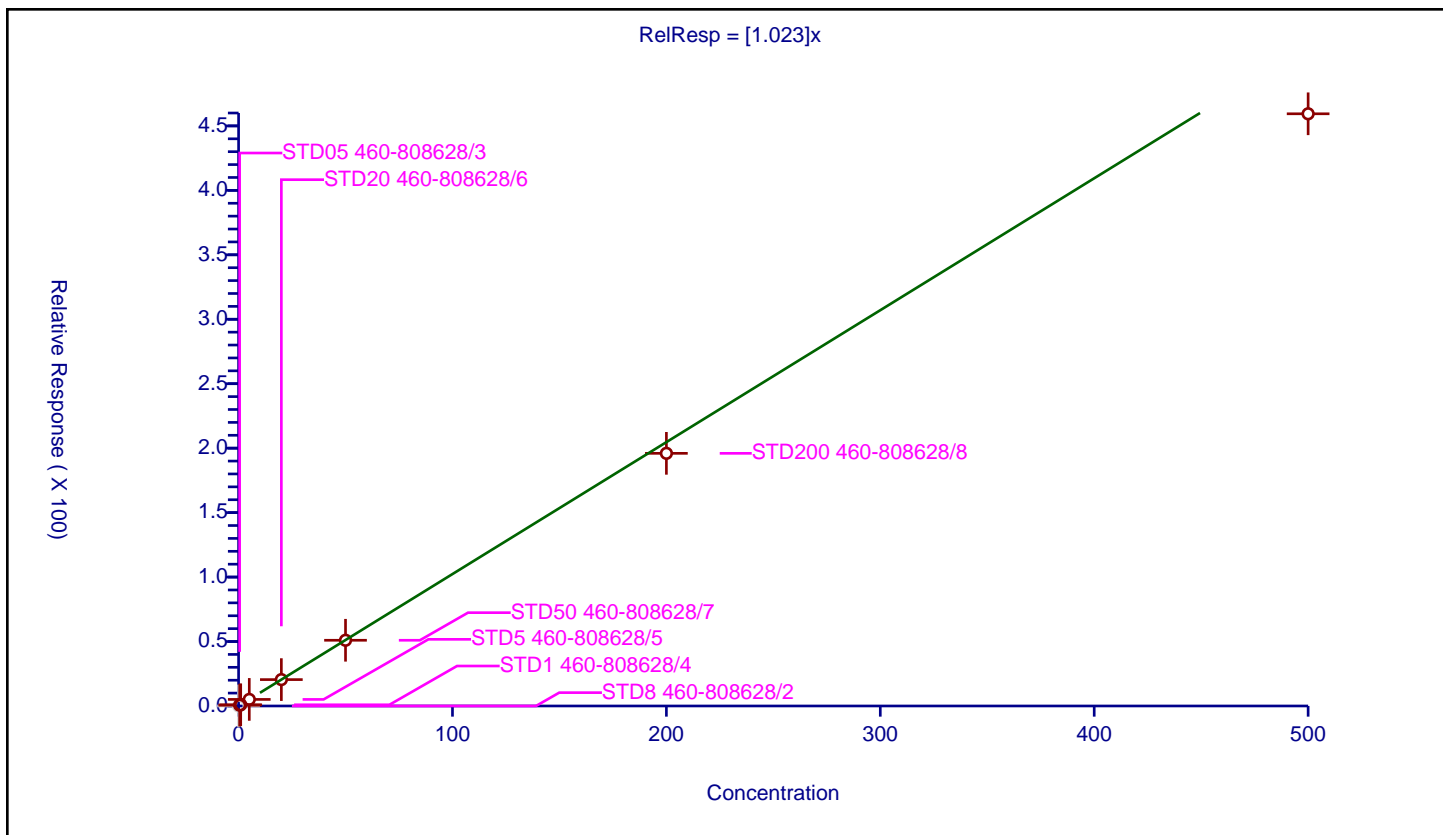
## Curve Coefficients

Intercept: 0  
 Slope: 1.023

## Error Coefficients

Standard Error: 1670000  
 Relative Standard Error: 10.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.627226	50.0	403204.0	1.254452	Y
3	STD1 460-808628/4	1.0	0.947773	50.0	403050.0	0.947773	Y
4	STD5 460-808628/5	5.0	5.098871	50.0	405325.0	1.019774	Y
5	STD20 460-808628/6	20.0	20.473652	50.0	399196.0	1.023683	Y
6	STD50 460-808628/7	50.0	50.977032	50.0	388882.0	1.019541	Y
7	STD200 460-808628/8	200.0	196.005247	50.0	400588.0	0.980026	Y
8	STD500 460-808628/9	500.0	459.399529	50.0	408579.0	0.918799	Y



# Calibration

/ n-Butyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

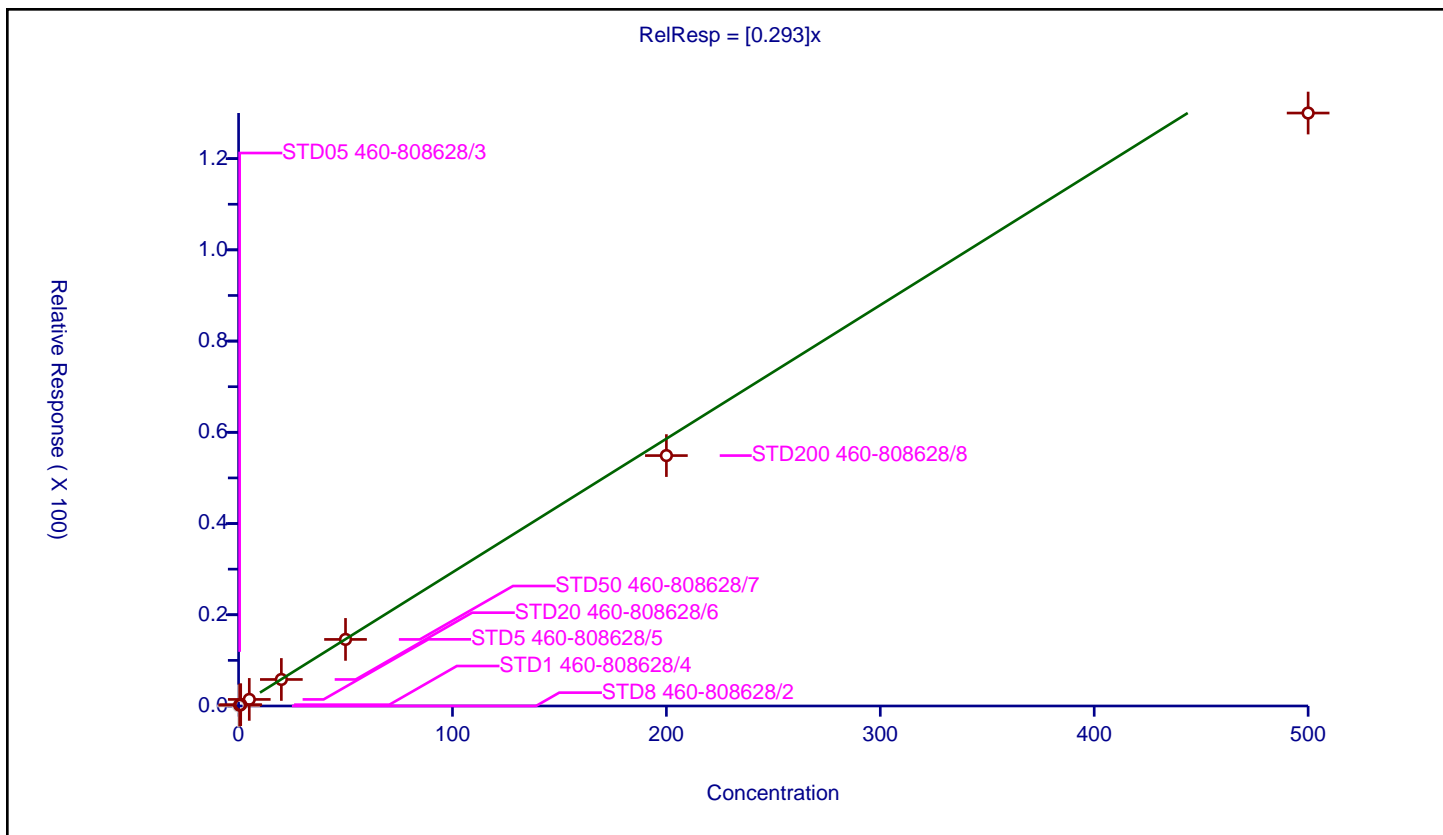
## Curve Coefficients

Intercept: 0  
 Slope: 0.293

## Error Coefficients

Standard Error: 472000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.177206	50.0	403204.0	0.354411	Y
3	STD1 460-808628/4	1.0	0.290783	50.0	403050.0	0.290783	Y
4	STD5 460-808628/5	5.0	1.442423	50.0	405325.0	0.288485	Y
5	STD20 460-808628/6	20.0	5.815439	50.0	399196.0	0.290772	Y
6	STD50 460-808628/7	50.0	14.59543	50.0	388882.0	0.291909	Y
7	STD200 460-808628/8	200.0	54.90167	50.0	400588.0	0.274508	Y
8	STD500 460-808628/9	500.0	129.993832	50.0	408579.0	0.259988	Y



# Calibration

/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

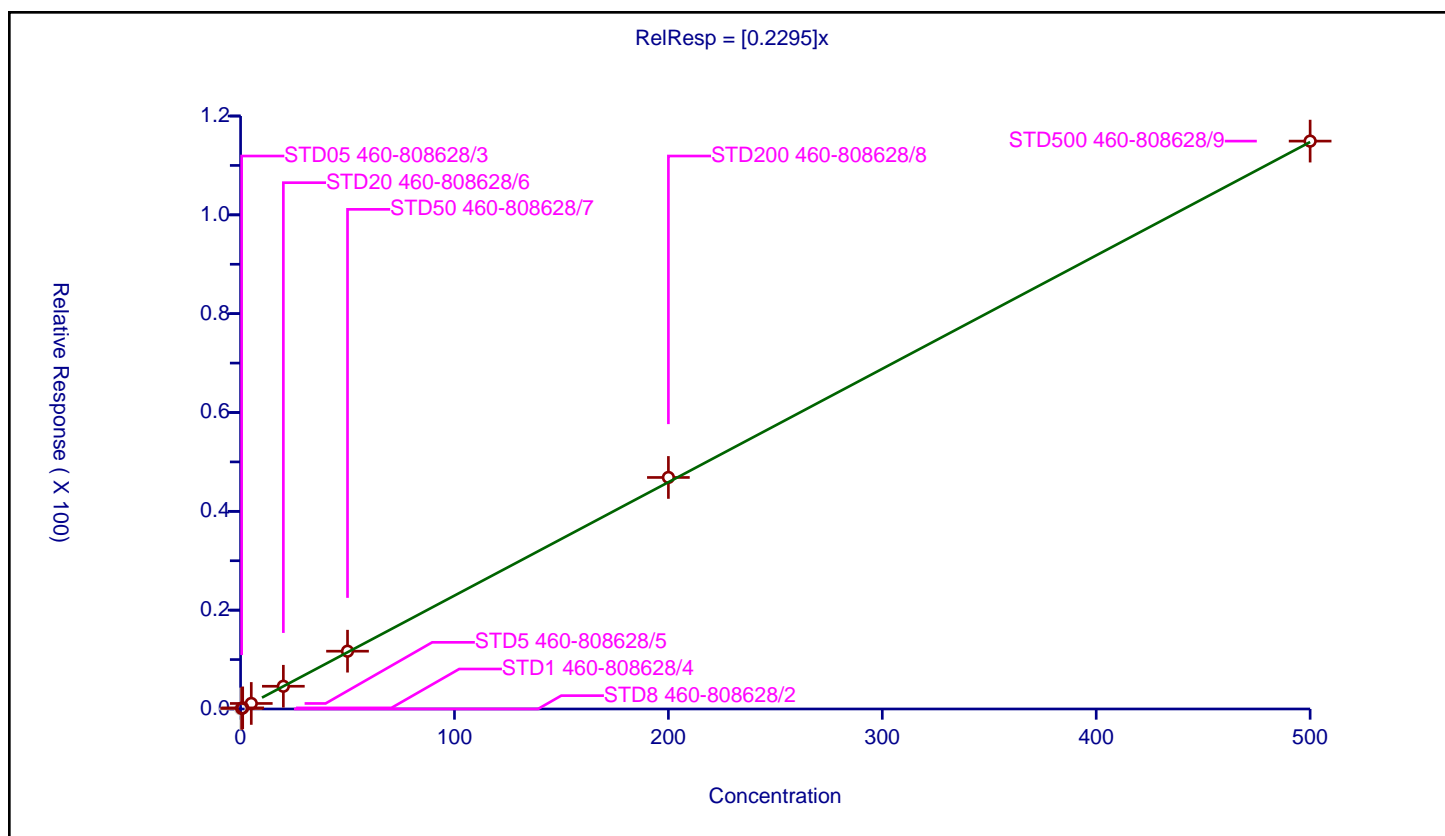
## Curve Coefficients

Intercept: 0  
 Slope: 0.2295

## Error Coefficients

Standard Error: 415000  
 Relative Standard Error: 2.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.11669	50.0	403204.0	0.233381	Y
3	STD1 460-808628/4	1.0	0.221437	50.0	403050.0	0.221437	Y
4	STD5 460-808628/5	5.0	1.117252	50.0	405325.0	0.22345	Y
5	STD20 460-808628/6	20.0	4.600748	50.0	399196.0	0.230037	Y
6	STD50 460-808628/7	50.0	11.694421	50.0	388882.0	0.233888	Y
7	STD200 460-808628/8	200.0	46.857494	50.0	400588.0	0.234287	Y
8	STD500 460-808628/9	500.0	114.924409	50.0	408579.0	0.229849	Y



# Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

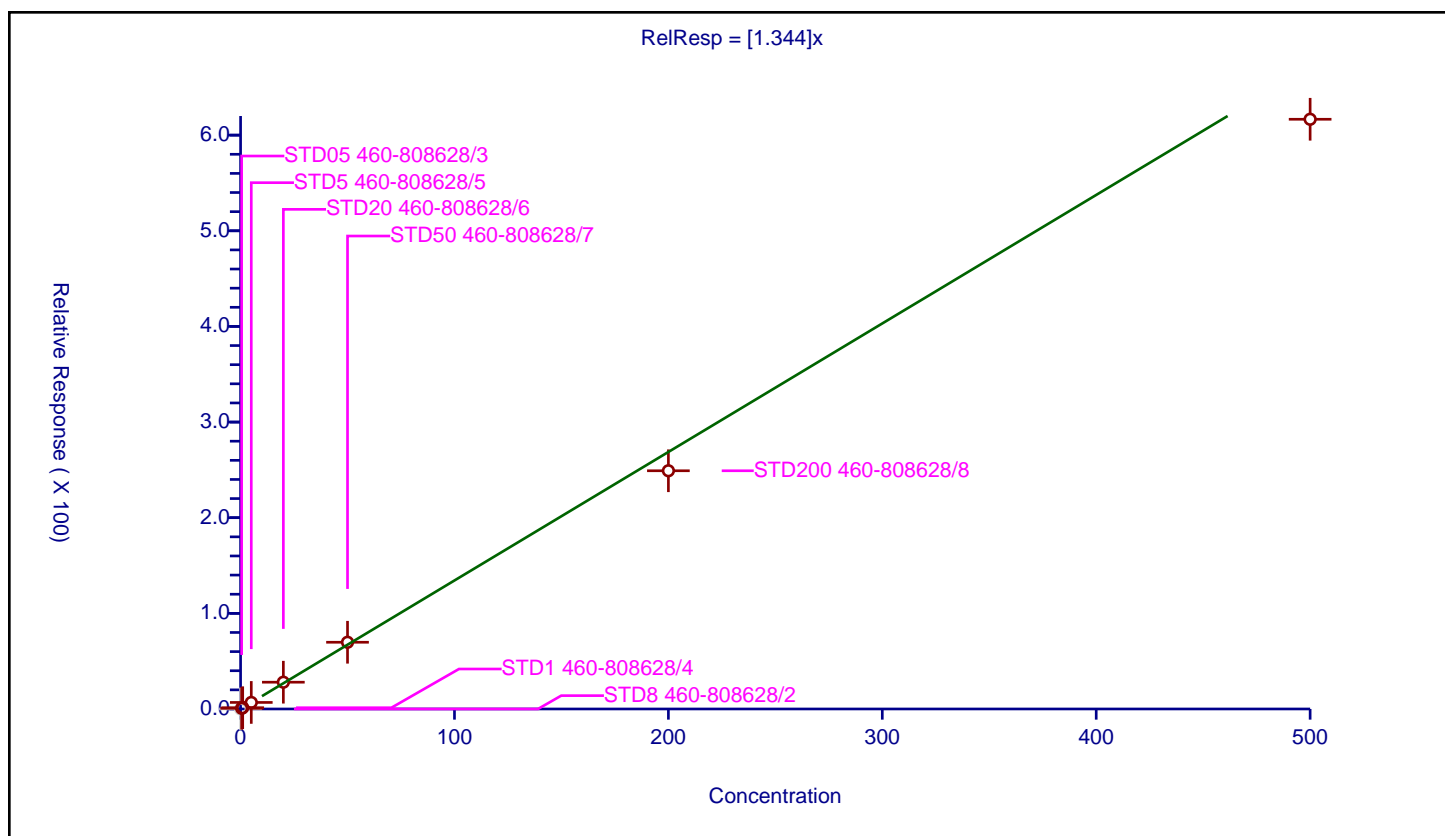
## Curve Coefficients

Intercept: 0  
 Slope: 1.344

## Error Coefficients

Standard Error: 1020000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.72351	50.0	183135.0	1.44702	Y
3	STD1 460-808628/4	1.0	1.313834	50.0	183052.0	1.313834	Y
4	STD5 460-808628/5	5.0	6.849759	50.0	182240.0	1.369952	Y
5	STD20 460-808628/6	20.0	28.016319	50.0	180402.0	1.400816	Y
6	STD50 460-808628/7	50.0	69.763407	50.0	175787.0	1.395268	Y
7	STD200 460-808628/8	200.0	249.091786	50.0	187676.0	1.245459	Y
8	STD500 460-808628/9	500.0	616.602954	50.0	186253.0	1.233206	Y



## Calibration

/ Isopropylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

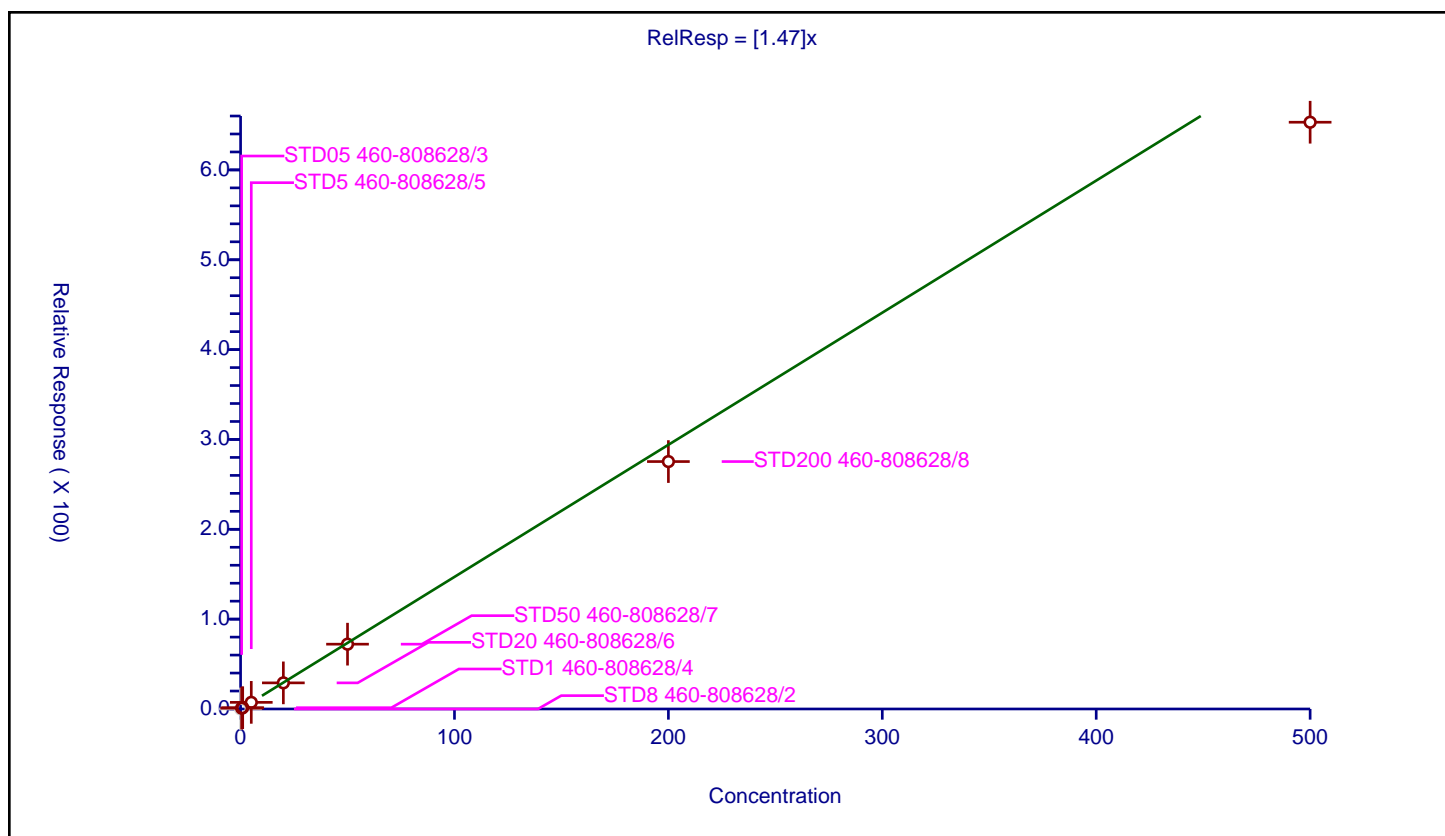
## Curve Coefficients

Intercept: 0  
Slope: 1.47

## Error Coefficients

Standard Error: 2370000  
Relative Standard Error: 10.6  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	414000.0	NaN	N
2	STD05 460-808628/3	0.5	0.899421	50.0	403204.0	1.798841	Y
3	STD1 460-808628/4	1.0	1.436174	50.0	403050.0	1.436174	Y
4	STD5 460-808628/5	5.0	7.389502	50.0	405325.0	1.4779	Y
5	STD20 460-808628/6	20.0	29.068177	50.0	399196.0	1.453409	Y
6	STD50 460-808628/7	50.0	72.134221	50.0	388882.0	1.442684	Y
7	STD200 460-808628/8	200.0	275.390301	50.0	400588.0	1.376952	Y
8	STD500 460-808628/9	500.0	653.088876	50.0	408579.0	1.306178	Y





# Calibration

/ 4-Bromofluorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

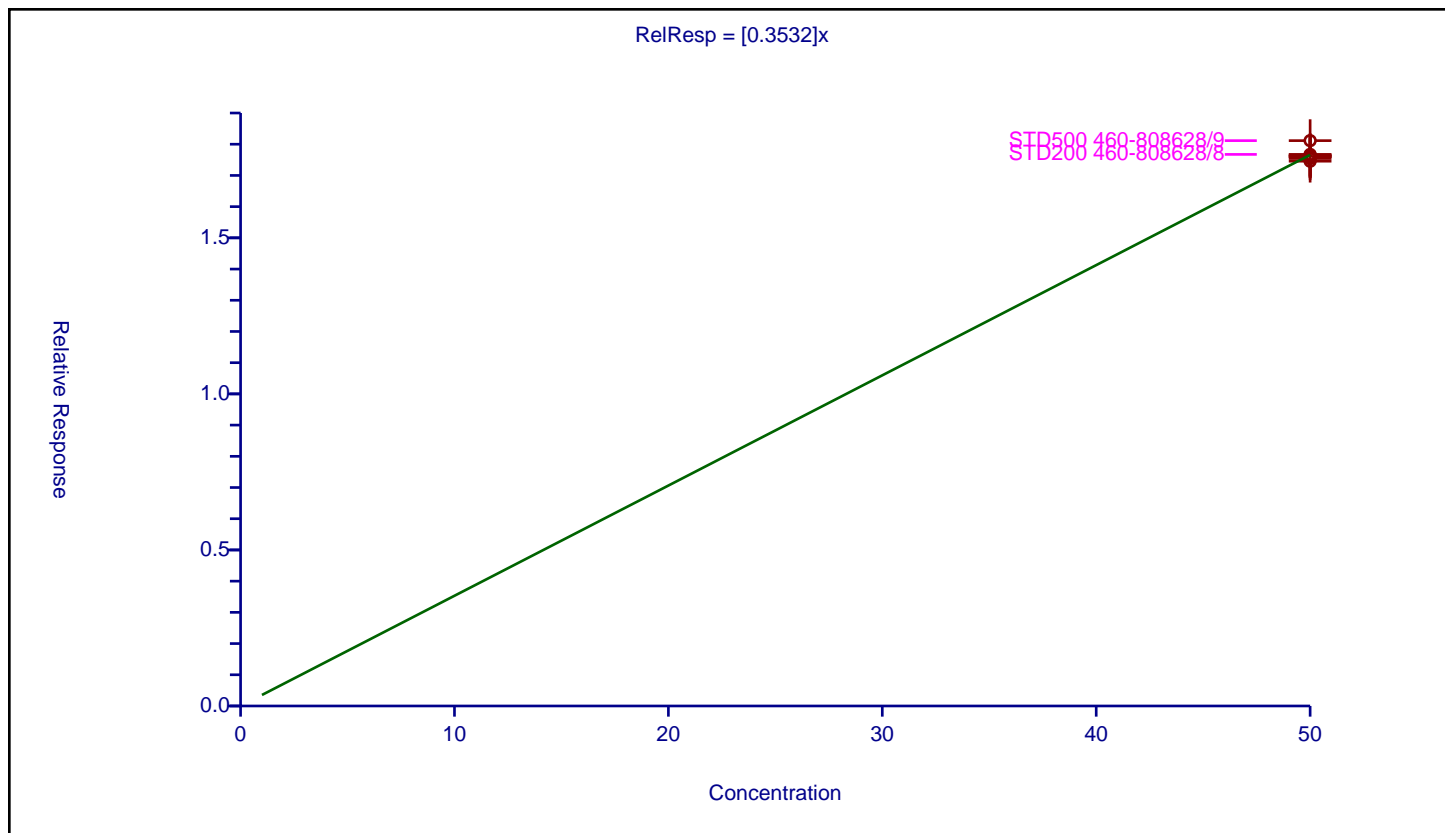
## Curve Coefficients

Intercept: 0  
 Slope: 0.3532

## Error Coefficients

Standard Error: 152000  
 Relative Standard Error: 1.1  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	50.0	17.624034	50.0	414000.0	0.352481	Y
2	STD05 460-808628/3	50.0	17.649378	50.0	403204.0	0.352988	Y
3	STD1 460-808628/4	50.0	17.595956	50.0	403050.0	0.351919	Y
4	STD5 460-808628/5	50.0	17.456239	50.0	405325.0	0.349125	Y
5	STD20 460-808628/6	50.0	17.605136	50.0	399196.0	0.352103	Y
6	STD50 460-808628/7	50.0	17.542596	50.0	388882.0	0.350852	Y
7	STD200 460-808628/8	50.0	17.67377	50.0	400588.0	0.353475	Y
8	STD500 460-808628/9	50.0	18.114489	50.0	408579.0	0.36229	Y



# Calibration

/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

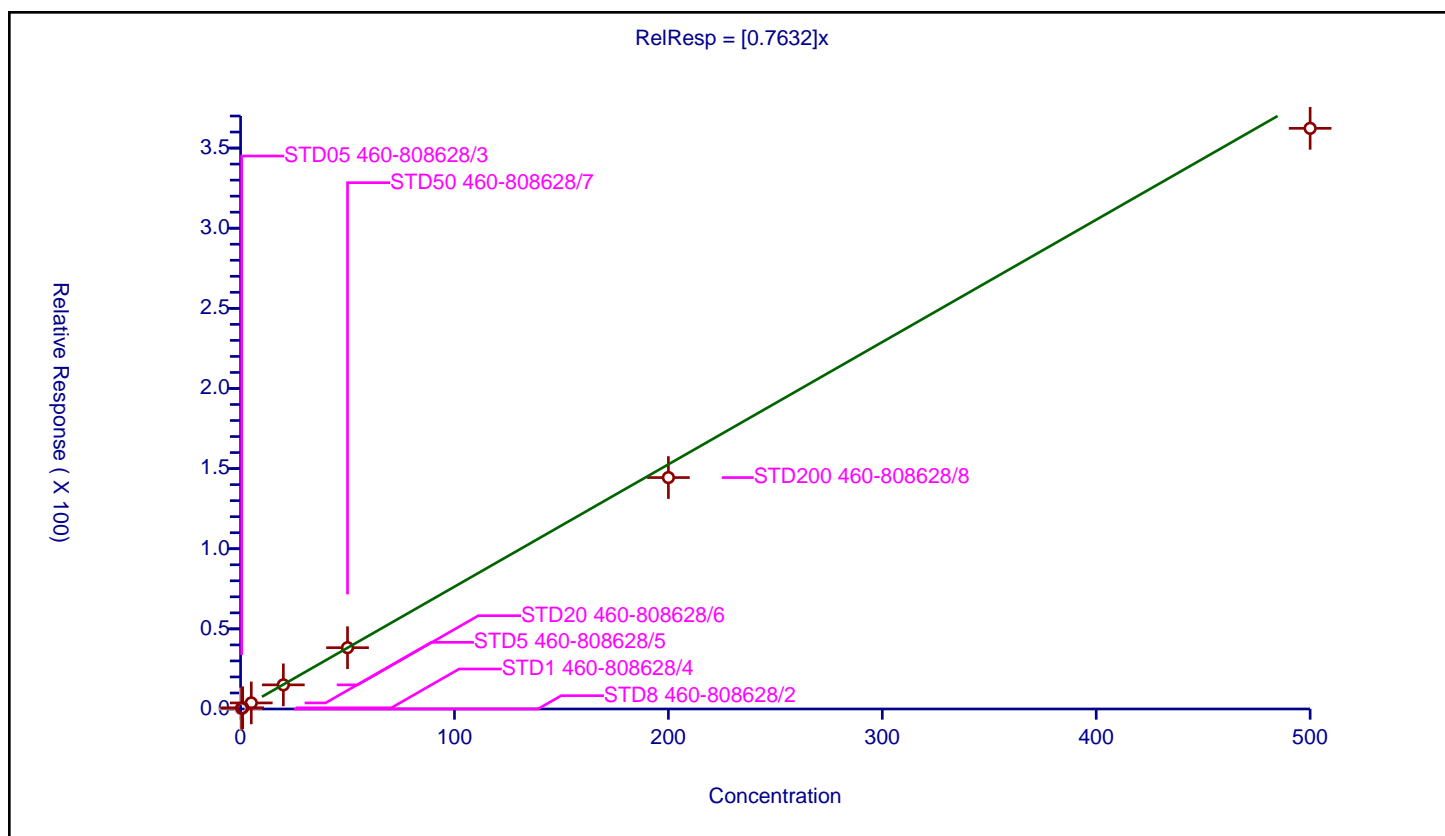
## Curve Coefficients

Intercept: 0  
 Slope: 0.7632

## Error Coefficients

Standard Error: 597000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.440386	50.0	183135.0	0.880771	Y
3	STD1 460-808628/4	1.0	0.741319	50.0	183052.0	0.741319	Y
4	STD5 460-808628/5	5.0	3.782375	50.0	182240.0	0.756475	Y
5	STD20 460-808628/6	20.0	15.044179	50.0	180402.0	0.752209	Y
6	STD50 460-808628/7	50.0	38.246856	50.0	175787.0	0.764937	Y
7	STD200 460-808628/8	200.0	144.40019	50.0	187676.0	0.722001	Y
8	STD500 460-808628/9	500.0	362.310406	50.0	186253.0	0.724621	Y



# Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

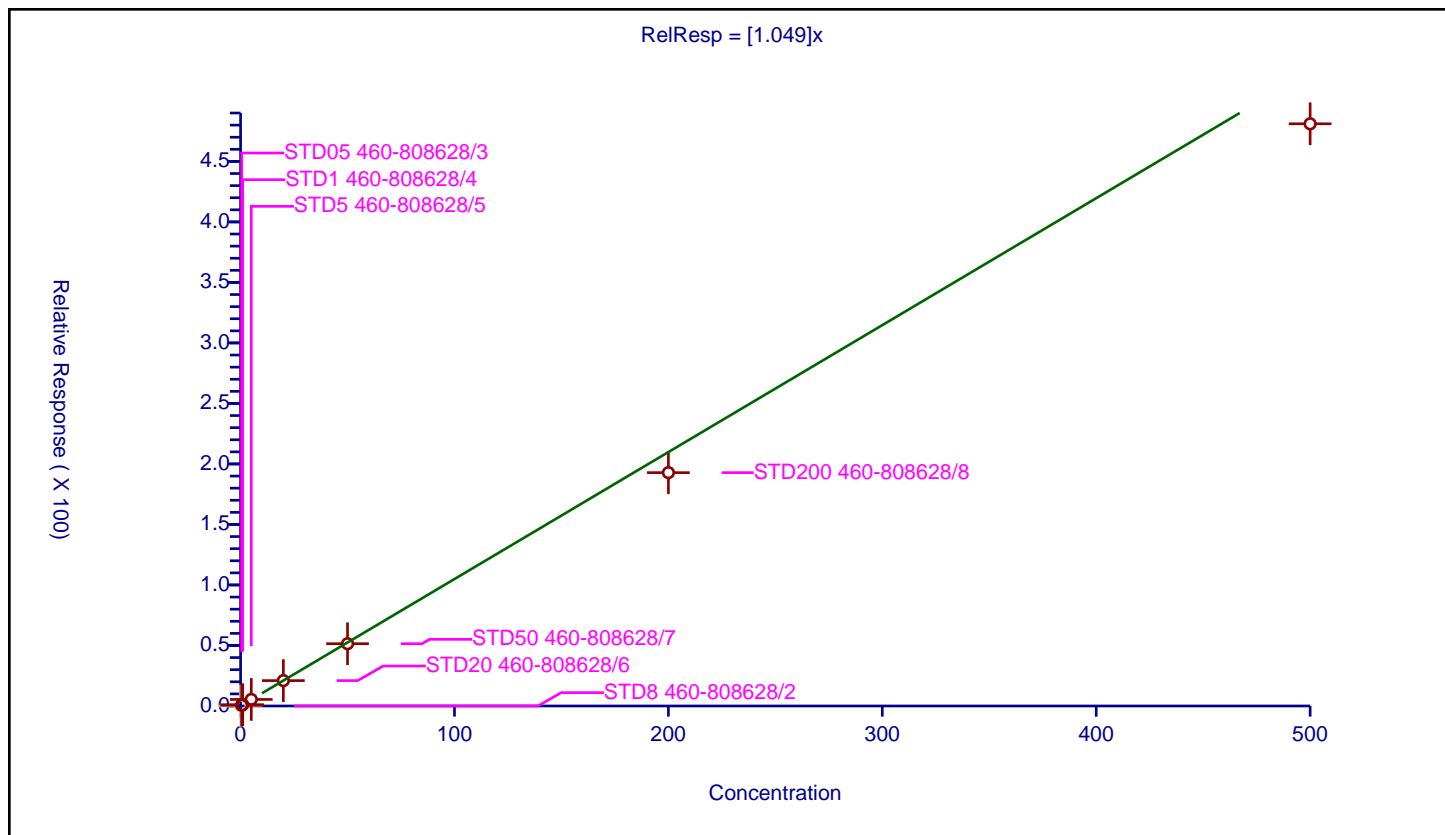
## Curve Coefficients

Intercept: 0  
Slope: 1.049

## Error Coefficients

Standard Error: 793000  
Relative Standard Error: 7.9  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.603926	50.0	183135.0	1.207852	Y
3	STD1 460-808628/4	1.0	1.051614	50.0	183052.0	1.051614	Y
4	STD5 460-808628/5	5.0	5.401942	50.0	182240.0	1.080388	Y
5	STD20 460-808628/6	20.0	20.959025	50.0	180402.0	1.047951	Y
6	STD50 460-808628/7	50.0	51.458299	50.0	175787.0	1.029166	Y
7	STD200 460-808628/8	200.0	192.834459	50.0	187676.0	0.964172	Y
8	STD500 460-808628/9	500.0	481.088358	50.0	186253.0	0.962177	Y



# Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

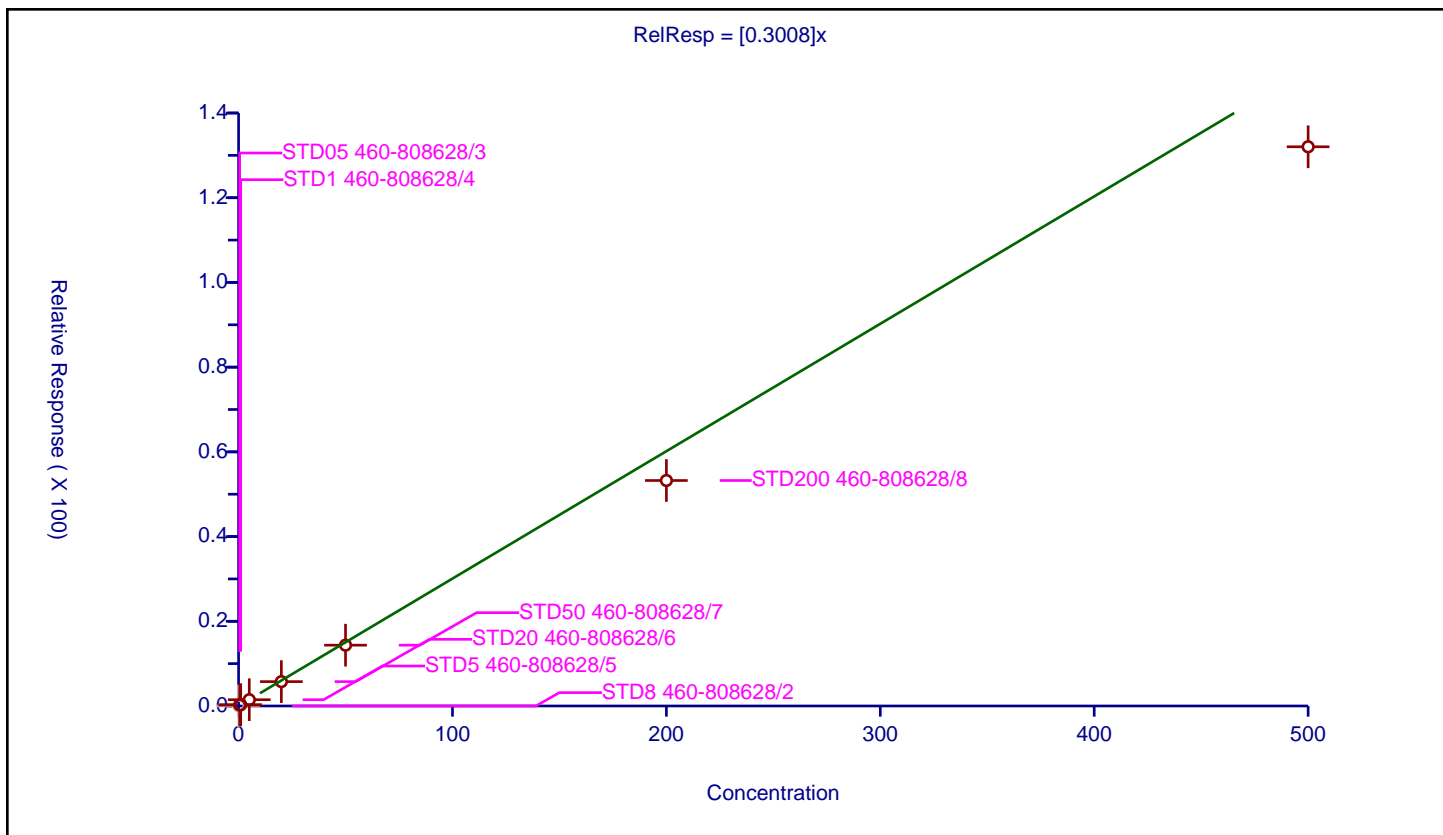
## Curve Coefficients

Intercept: 0  
 Slope: 0.3008

## Error Coefficients

Standard Error: 218000  
 Relative Standard Error: 15.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.200945	50.0	183135.0	0.401889	Y
3	STD1 460-808628/4	1.0	0.302646	50.0	183052.0	0.302646	Y
4	STD5 460-808628/5	5.0	1.480465	50.0	182240.0	0.296093	Y
5	STD20 460-808628/6	20.0	5.748828	50.0	180402.0	0.287441	Y
6	STD50 460-808628/7	50.0	14.358855	50.0	175787.0	0.287177	Y
7	STD200 460-808628/8	200.0	53.232432	50.0	187676.0	0.266162	Y
8	STD500 460-808628/9	500.0	132.029014	50.0	186253.0	0.264058	Y



# Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

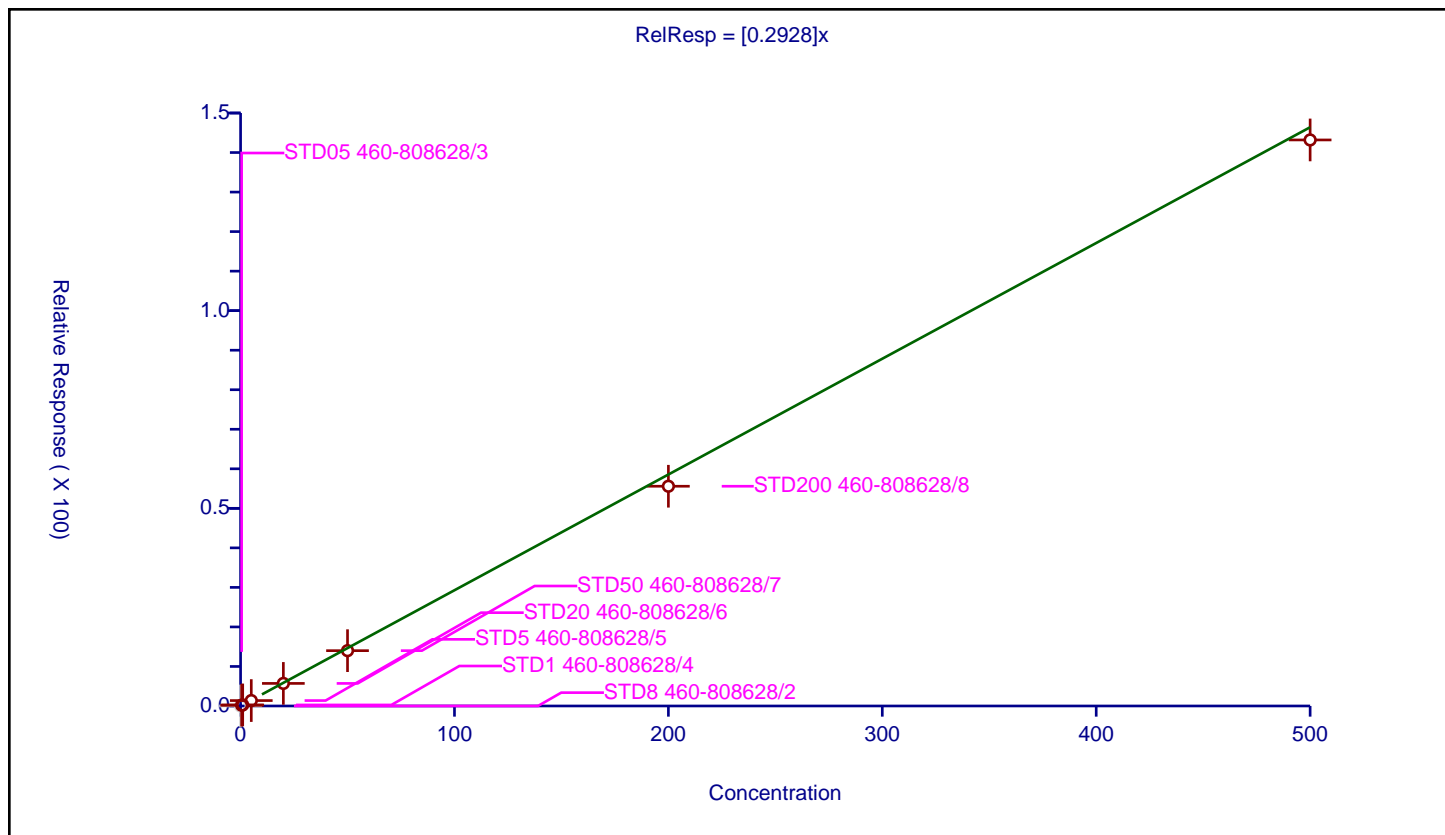
## Curve Coefficients

Intercept: 0  
 Slope: 0.2928

## Error Coefficients

Standard Error: 235000  
 Relative Standard Error: 13.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.19057	50.0	183135.0	0.38114	Y
3	STD1 460-808628/4	1.0	0.263859	50.0	183052.0	0.263859	Y
4	STD5 460-808628/5	5.0	1.374012	50.0	182240.0	0.274802	Y
5	STD20 460-808628/6	20.0	5.710303	50.0	180402.0	0.285515	Y
6	STD50 460-808628/7	50.0	13.995916	50.0	175787.0	0.279918	Y
7	STD200 460-808628/8	200.0	55.588088	50.0	187676.0	0.27794	Y
8	STD500 460-808628/9	500.0	143.18964	50.0	186253.0	0.286379	Y



## Calibration

/ N-Propylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

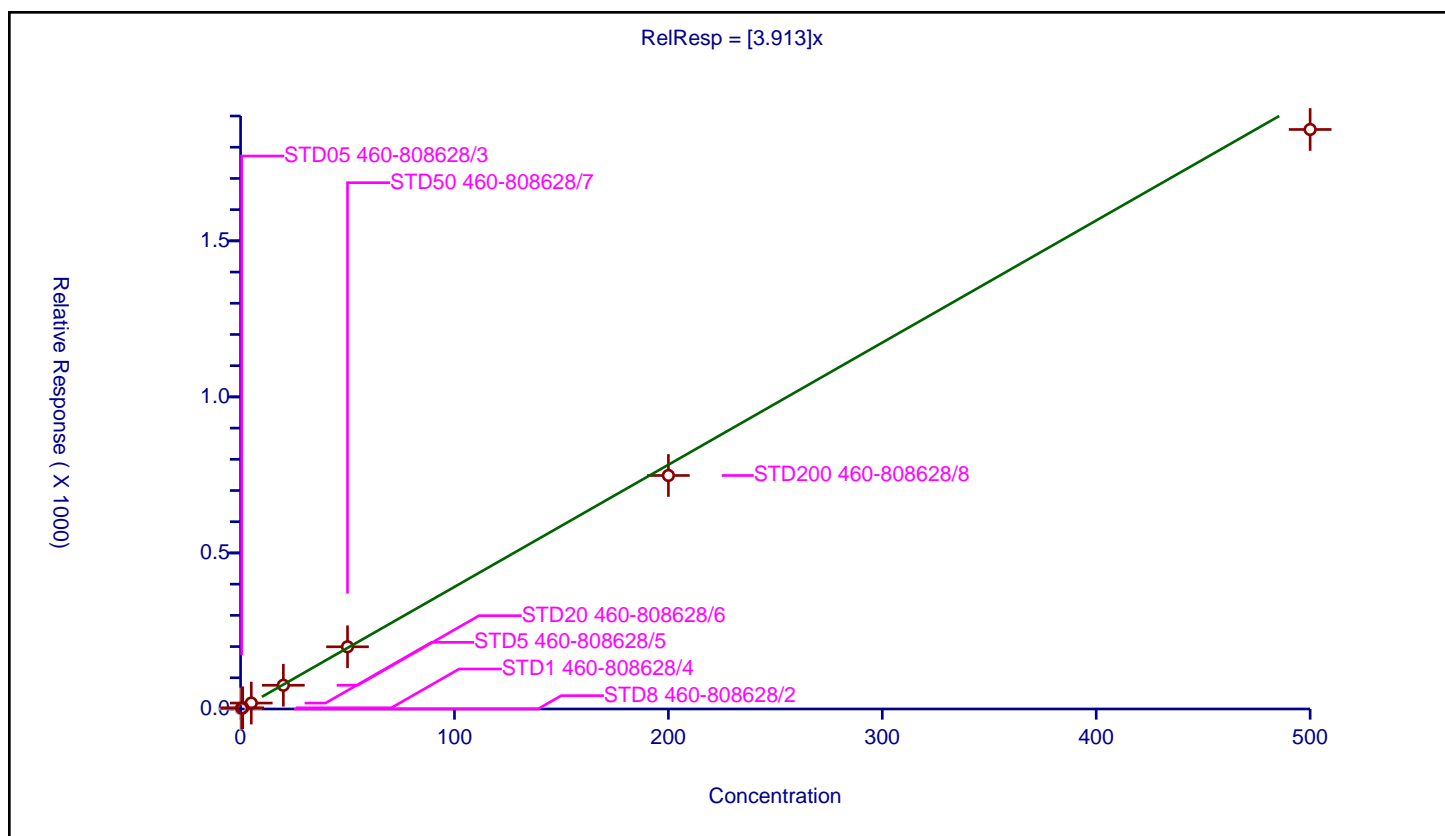
## Curve Coefficients

Intercept: 0  
Slope: 3.913

## Error Coefficients

Standard Error: 3060000  
Relative Standard Error: 7.9  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	2.292571	50.0	183135.0	4.585142	Y
3	STD1 460-808628/4	1.0	3.769421	50.0	183052.0	3.769421	Y
4	STD5 460-808628/5	5.0	18.973881	50.0	182240.0	3.794776	Y
5	STD20 460-808628/6	20.0	76.020222	50.0	180402.0	3.801011	Y
6	STD50 460-808628/7	50.0	199.330724	50.0	175787.0	3.986614	Y
7	STD200 460-808628/8	200.0	748.232592	50.0	187676.0	3.741163	Y
8	STD500 460-808628/9	500.0	1856.840158	50.0	186253.0	3.71368	Y



# Calibration

/ 2-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

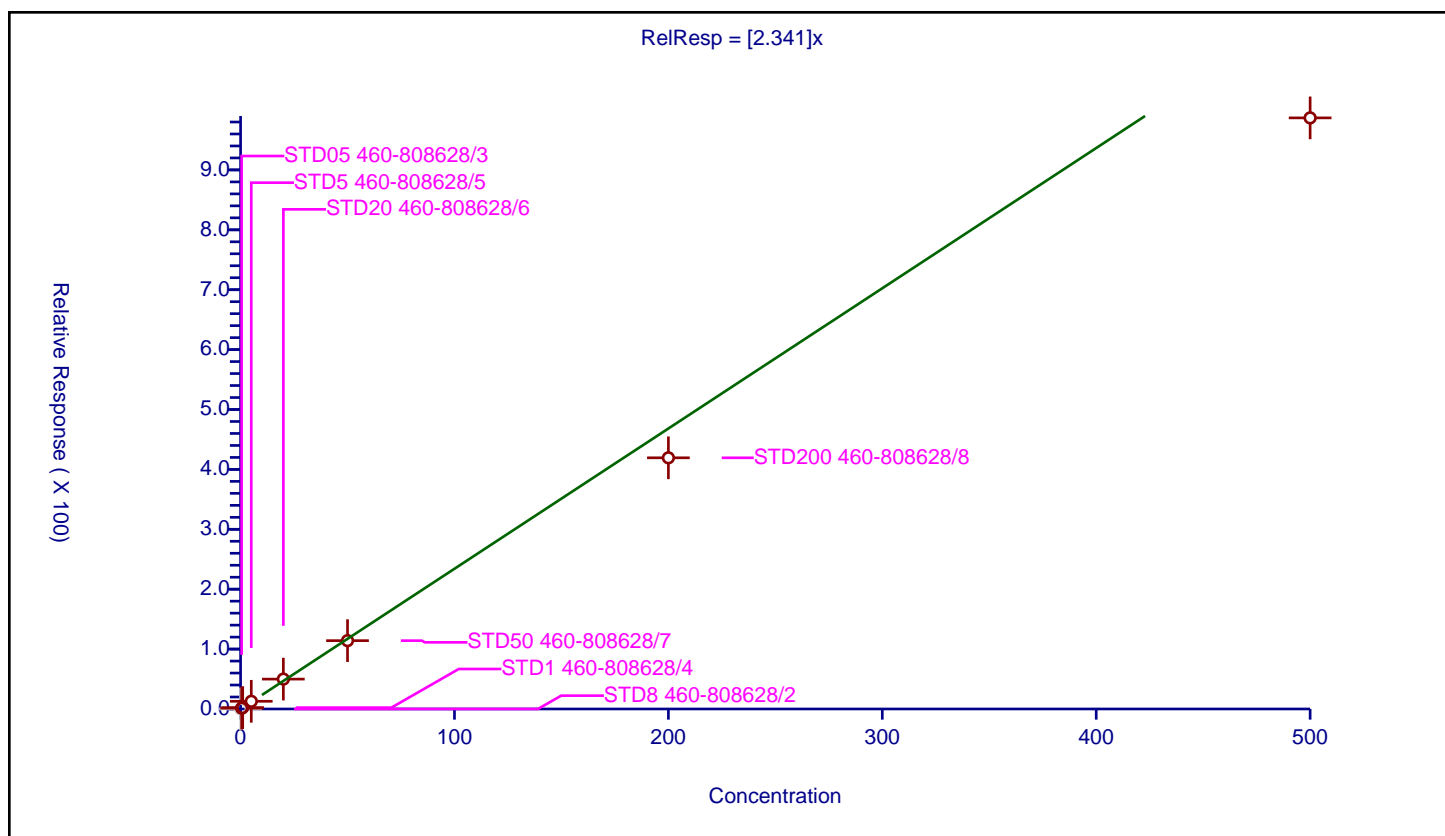
## Curve Coefficients

Intercept: 0  
 Slope: 2.341

## Error Coefficients

Standard Error: 1640000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.343544	50.0	183135.0	2.687089	Y
3	STD1 460-808628/4	1.0	2.287328	50.0	183052.0	2.287328	Y
4	STD5 460-808628/5	5.0	12.842954	50.0	182240.0	2.568591	Y
5	STD20 460-808628/6	20.0	49.877219	50.0	180402.0	2.493861	Y
6	STD50 460-808628/7	50.0	114.096037	50.0	175787.0	2.281921	Y
7	STD200 460-808628/8	200.0	419.354899	50.0	187676.0	2.096774	Y
8	STD500 460-808628/9	500.0	986.873232	50.0	186253.0	1.973746	Y



# Calibration

/ 4-Ethyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

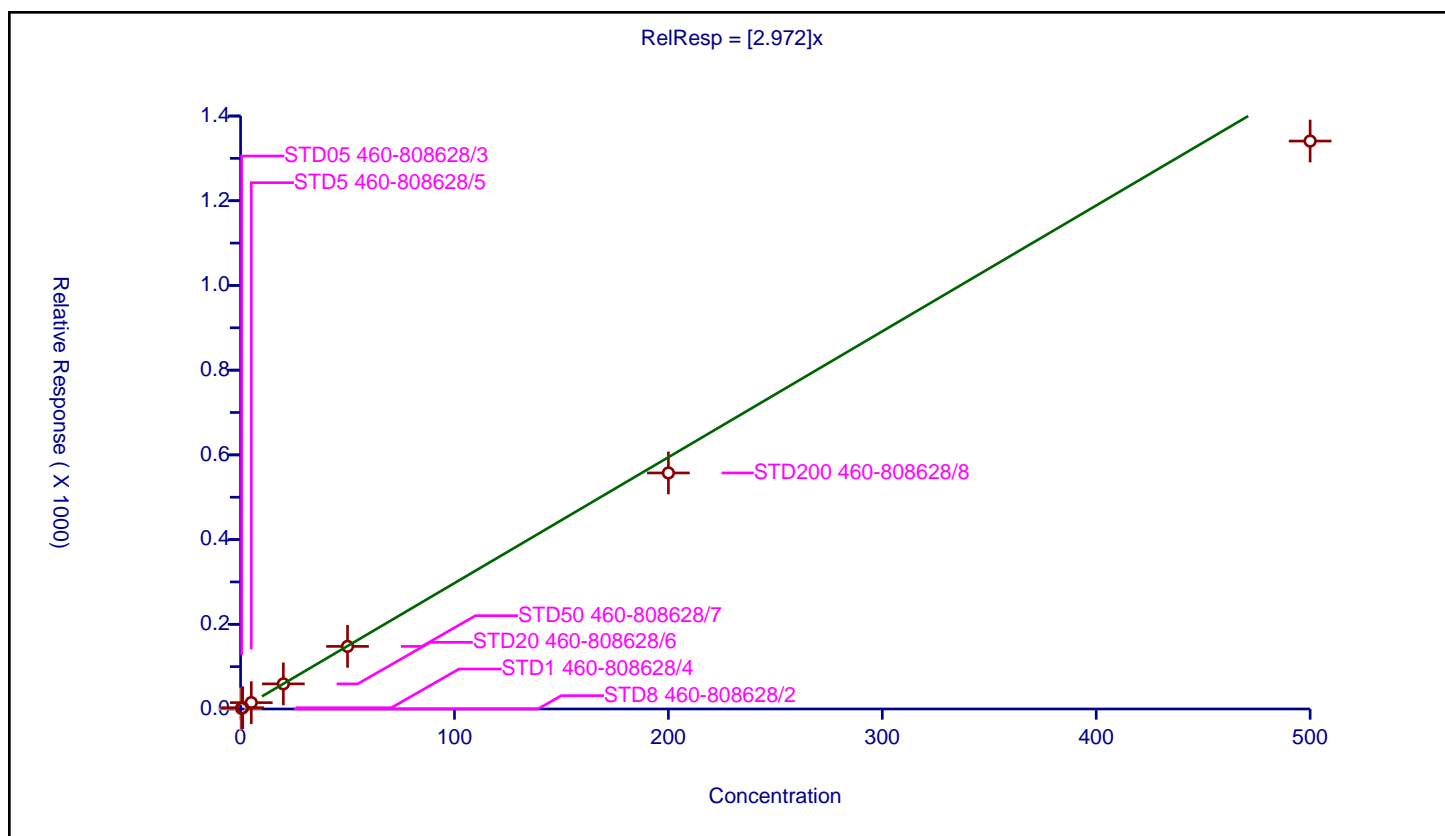
## Curve Coefficients

Intercept: 0  
 Slope: 2.972

## Error Coefficients

Standard Error: 2220000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.742157	50.0	183135.0	3.484315	Y
3	STD1 460-808628/4	1.0	2.928403	50.0	183052.0	2.928403	Y
4	STD5 460-808628/5	5.0	15.021675	50.0	182240.0	3.004335	Y
5	STD20 460-808628/6	20.0	59.255441	50.0	180402.0	2.962772	Y
6	STD50 460-808628/7	50.0	147.773442	50.0	175787.0	2.955469	Y
7	STD200 460-808628/8	200.0	557.301679	50.0	187676.0	2.786508	Y
8	STD500 460-808628/9	500.0	1340.895449	50.0	186253.0	2.681791	Y





# Calibration

/ 4-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

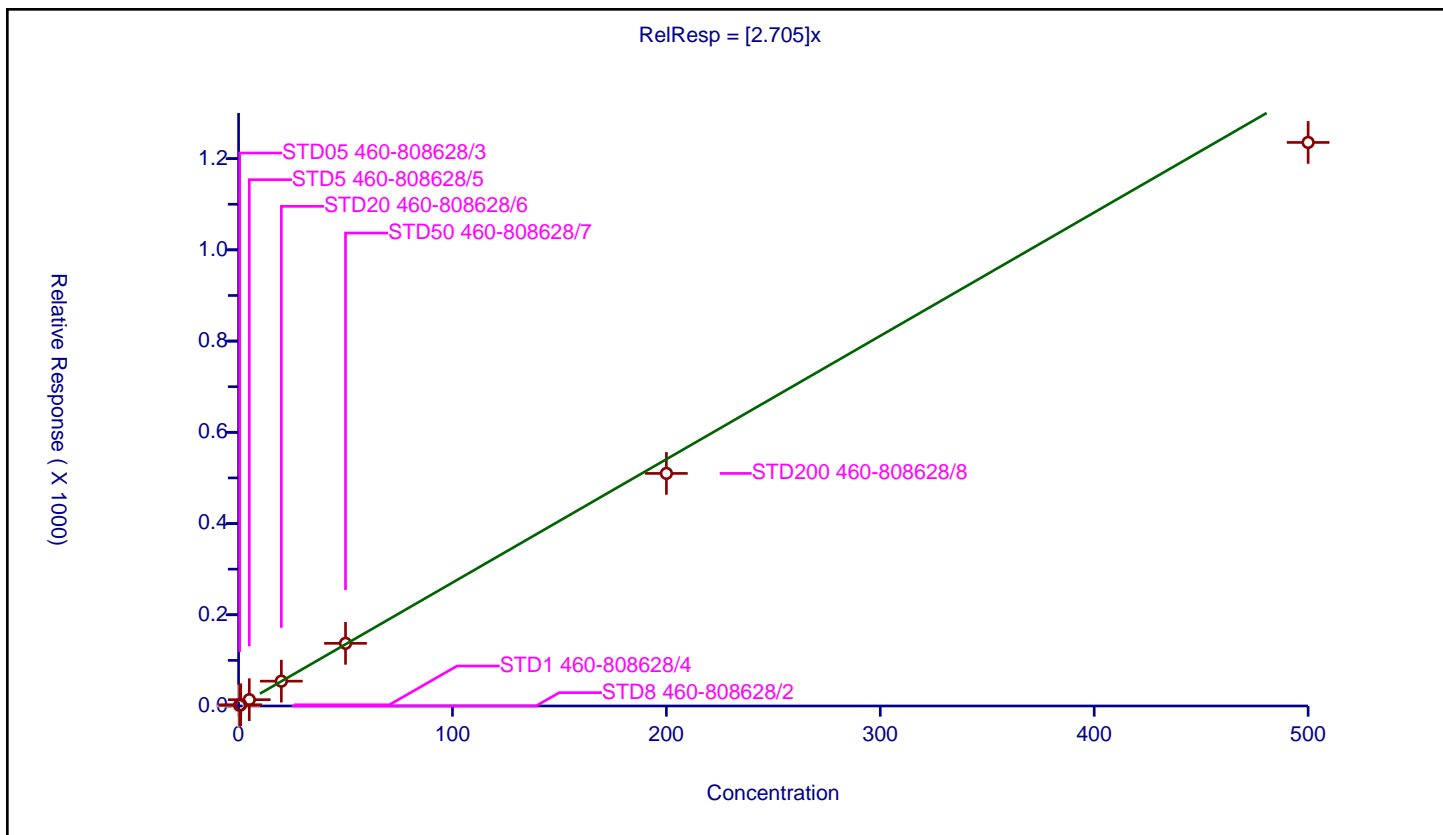
## Curve Coefficients

Intercept: 0  
 Slope: 2.705

## Error Coefficients

Standard Error: 2050000  
 Relative Standard Error: 6.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.522647	50.0	183135.0	3.045294	Y
3	STD1 460-808628/4	1.0	2.63122	50.0	183052.0	2.63122	Y
4	STD5 460-808628/5	5.0	13.838619	50.0	182240.0	2.767724	Y
5	STD20 460-808628/6	20.0	54.452002	50.0	180402.0	2.7226	Y
6	STD50 460-808628/7	50.0	137.346903	50.0	175787.0	2.746938	Y
7	STD200 460-808628/8	200.0	509.892048	50.0	187676.0	2.54946	Y
8	STD500 460-808628/9	500.0	1235.514327	50.0	186253.0	2.471029	Y



# Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

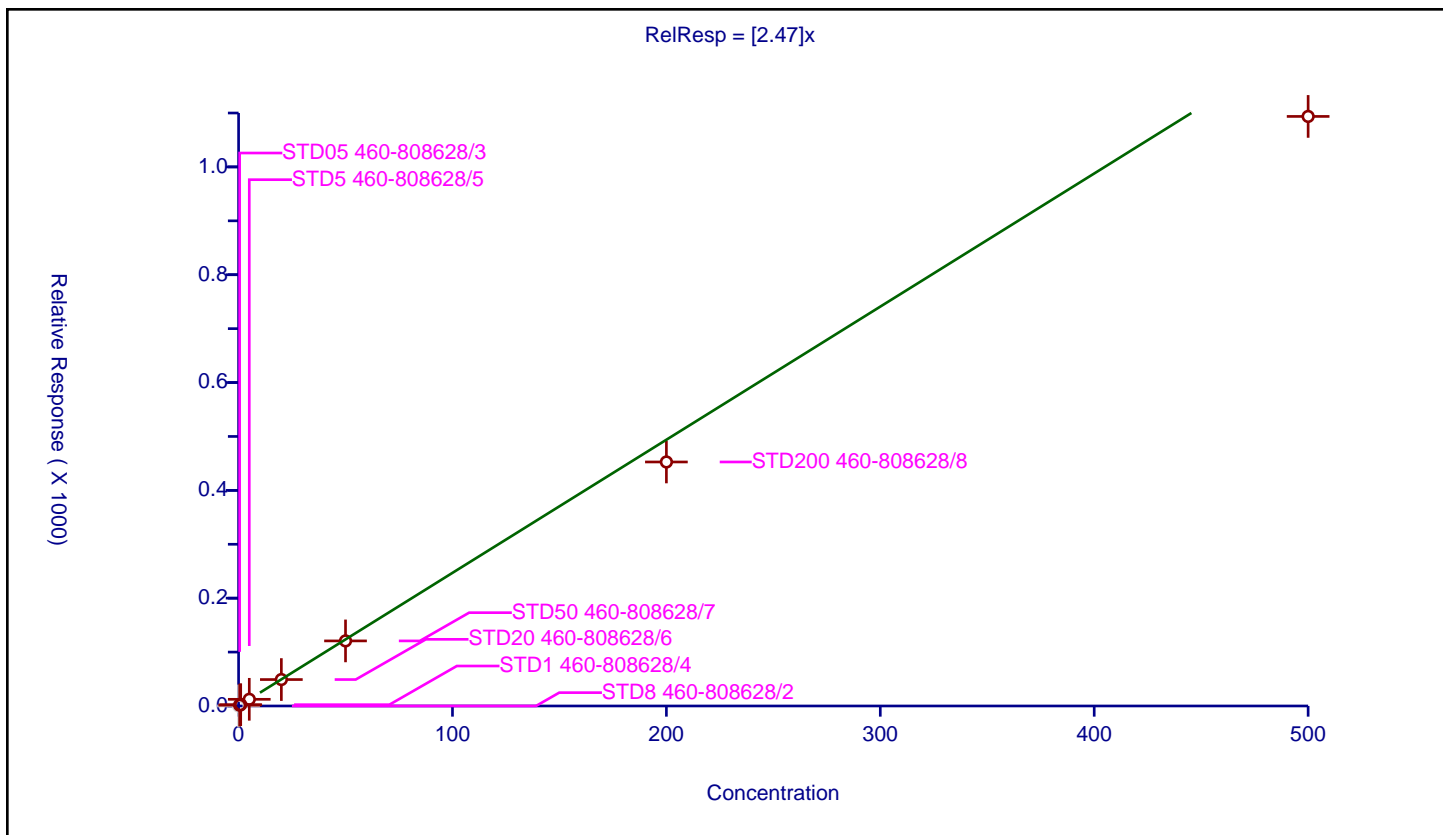
## Curve Coefficients

Intercept: 0  
 Slope: 2.47

## Error Coefficients

Standard Error: 1810000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.516641	50.0	183135.0	3.033281	Y
3	STD1 460-808628/4	1.0	2.458045	50.0	183052.0	2.458045	Y
4	STD5 460-808628/5	5.0	12.396016	50.0	182240.0	2.479203	Y
5	STD20 460-808628/6	20.0	49.023015	50.0	180402.0	2.451151	Y
6	STD50 460-808628/7	50.0	120.715127	50.0	175787.0	2.414303	Y
7	STD200 460-808628/8	200.0	452.669494	50.0	187676.0	2.263347	Y
8	STD500 460-808628/9	500.0	1093.675001	50.0	186253.0	2.18735	Y



# Calibration

/ Butyl Methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

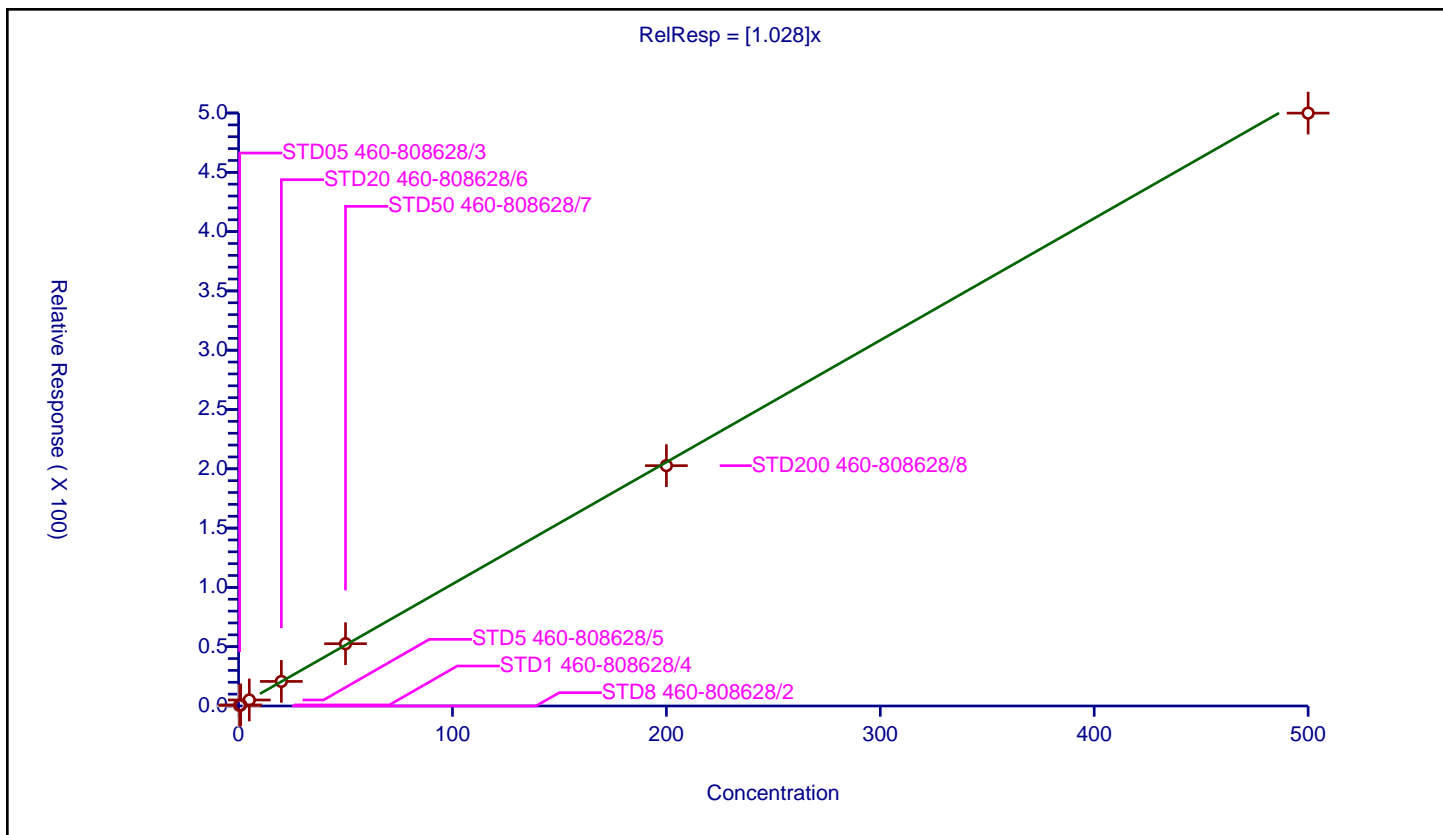
## Curve Coefficients

Intercept: 0  
 Slope: 1.028

## Error Coefficients

Standard Error: 825000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.582084	50.0	183135.0	1.164169	Y
3	STD1 460-808628/4	1.0	0.919138	50.0	183052.0	0.919138	Y
4	STD5 460-808628/5	5.0	5.063927	50.0	182240.0	1.012785	Y
5	STD20 460-808628/6	20.0	20.722608	50.0	180402.0	1.03613	Y
6	STD50 460-808628/7	50.0	52.511847	50.0	175787.0	1.050237	Y
7	STD200 460-808628/8	200.0	202.645517	50.0	187676.0	1.013228	Y
8	STD500 460-808628/9	500.0	499.914901	50.0	186253.0	0.99983	Y



# Calibration

/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

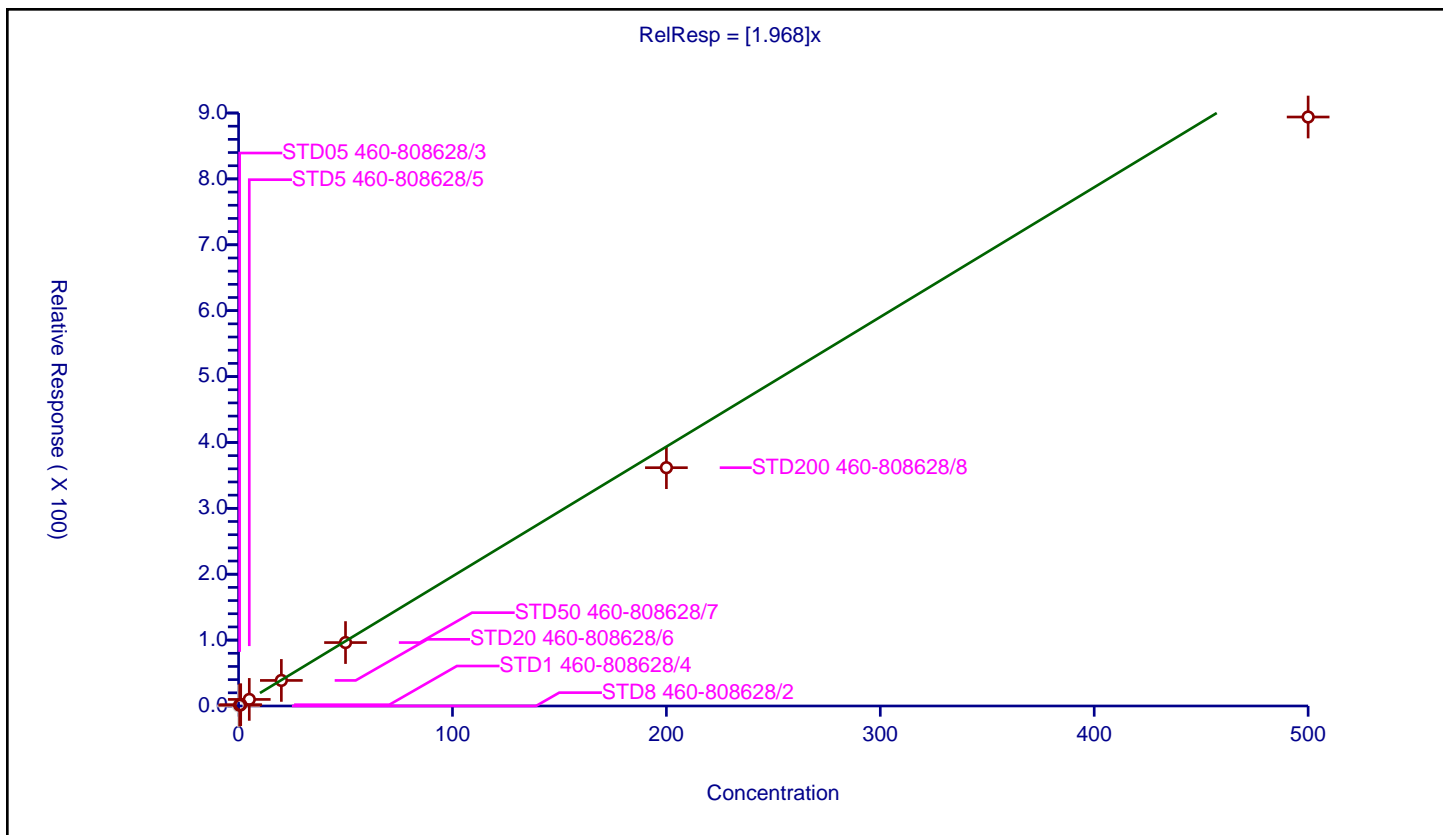
## Curve Coefficients

Intercept: 0  
 Slope: 1.968

## Error Coefficients

Standard Error: 1480000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.179731	50.0	183135.0	2.359462	Y
3	STD1 460-808628/4	1.0	1.964742	50.0	183052.0	1.964742	Y
4	STD5 460-808628/5	5.0	9.959943	50.0	182240.0	1.991989	Y
5	STD20 460-808628/6	20.0	38.783384	50.0	180402.0	1.939169	Y
6	STD50 460-808628/7	50.0	96.260531	50.0	175787.0	1.925211	Y
7	STD200 460-808628/8	200.0	361.69409	50.0	187676.0	1.80847	Y
8	STD500 460-808628/9	500.0	893.939963	50.0	186253.0	1.78788	Y



# Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

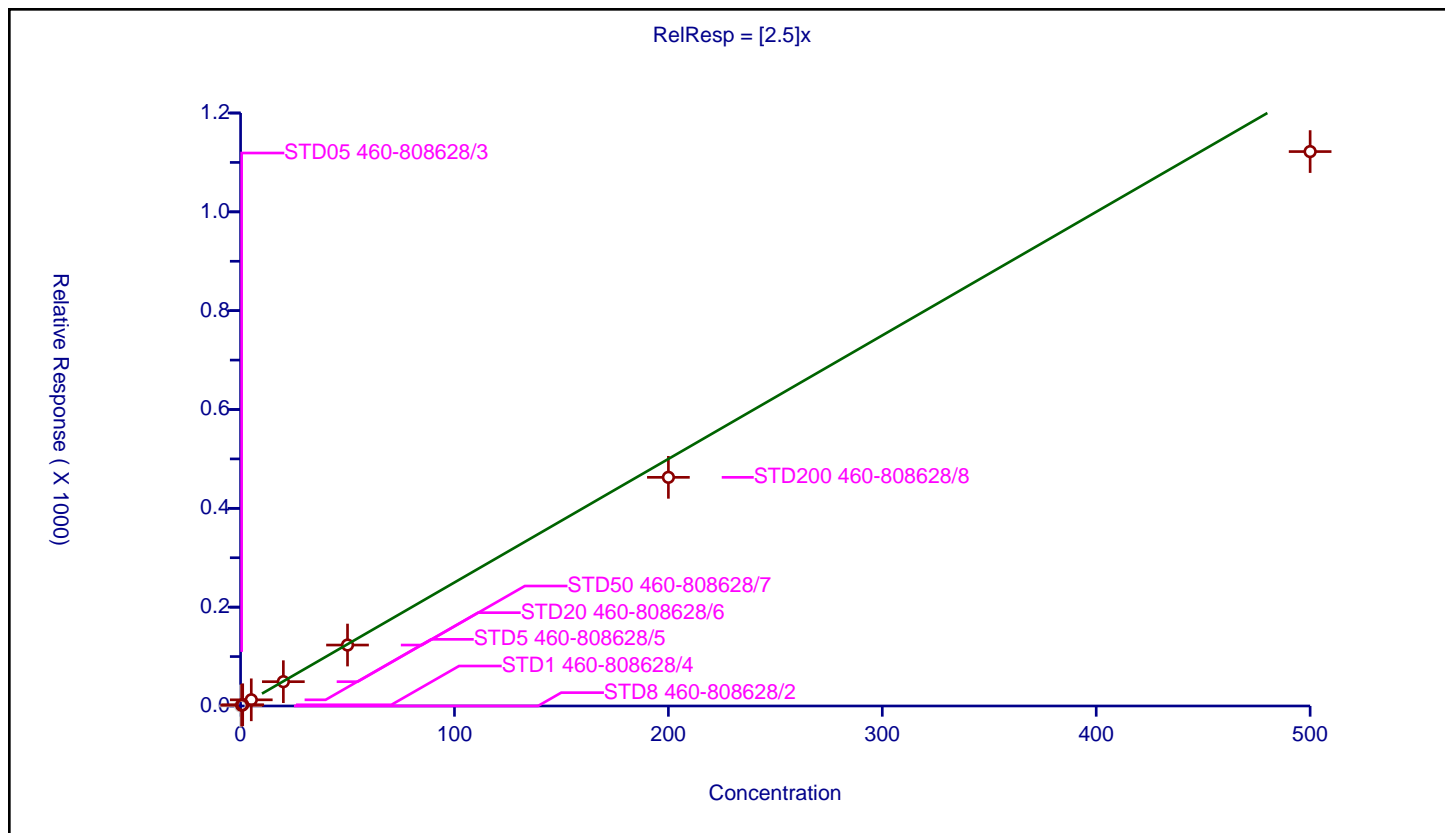
## Curve Coefficients

Intercept: 0  
 Slope: 2.5

## Error Coefficients

Standard Error: 1860000  
 Relative Standard Error: 11.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.546946	50.0	183135.0	3.093892	Y
3	STD1 460-808628/4	1.0	2.428545	50.0	183052.0	2.428545	Y
4	STD5 460-808628/5	5.0	12.466253	50.0	182240.0	2.493251	Y
5	STD20 460-808628/6	20.0	49.180441	50.0	180402.0	2.459022	Y
6	STD50 460-808628/7	50.0	123.335343	50.0	175787.0	2.466707	Y
7	STD200 460-808628/8	200.0	462.751497	50.0	187676.0	2.313757	Y
8	STD500 460-808628/9	500.0	1121.955888	50.0	186253.0	2.243912	Y



# Calibration

/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

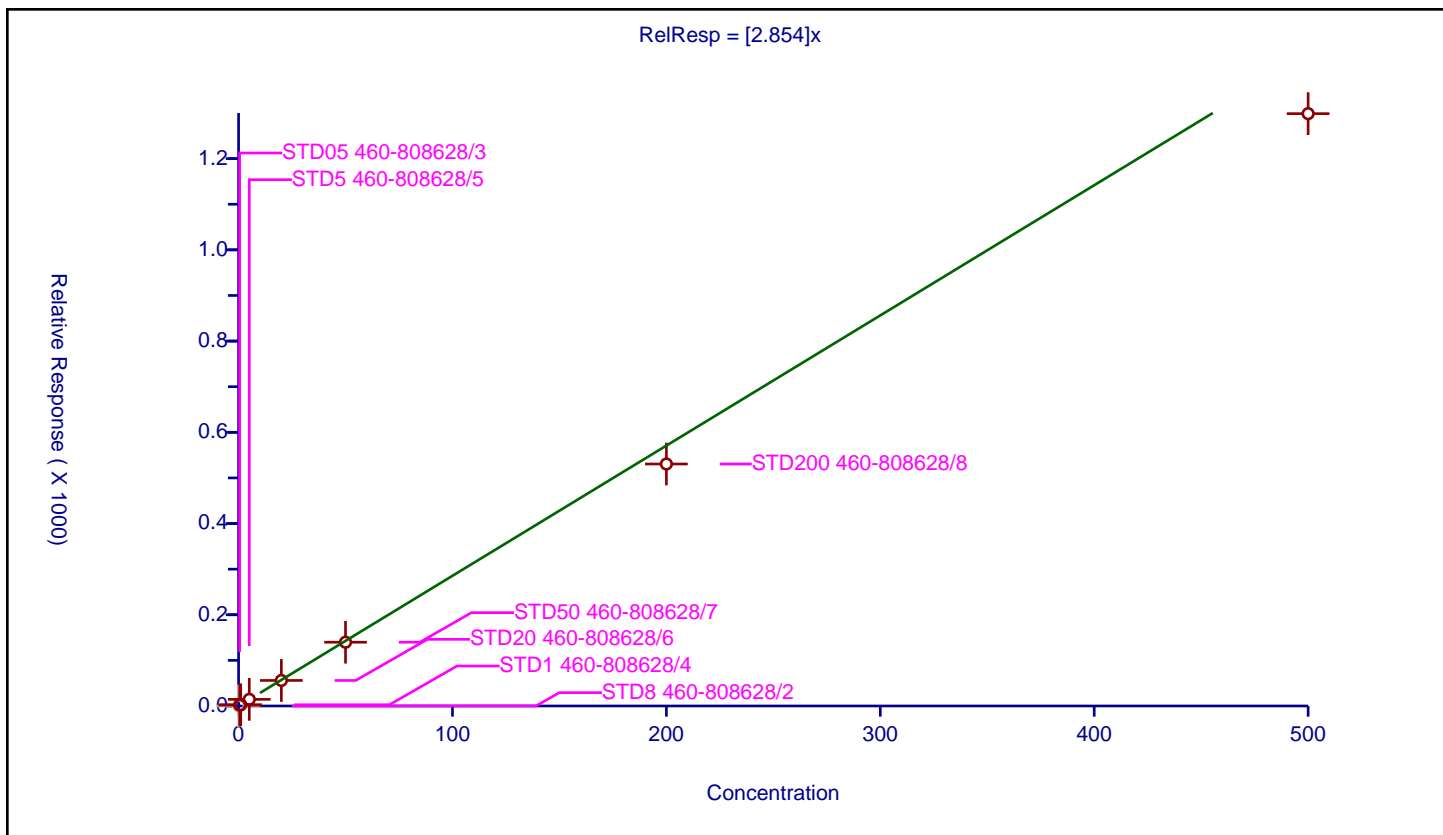
## Curve Coefficients

Intercept: 0  
 Slope: 2.854

## Error Coefficients

Standard Error: 2150000  
 Relative Standard Error: 10.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.755536	50.0	183135.0	3.511071	Y
3	STD1 460-808628/4	1.0	2.717534	50.0	183052.0	2.717534	Y
4	STD5 460-808628/5	5.0	14.52782	50.0	182240.0	2.905564	Y
5	STD20 460-808628/6	20.0	55.995499	50.0	180402.0	2.799775	Y
6	STD50 460-808628/7	50.0	139.81324	50.0	175787.0	2.796265	Y
7	STD200 460-808628/8	200.0	530.5039	50.0	187676.0	2.65252	Y
8	STD500 460-808628/9	500.0	1298.60566	50.0	186253.0	2.597211	Y



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

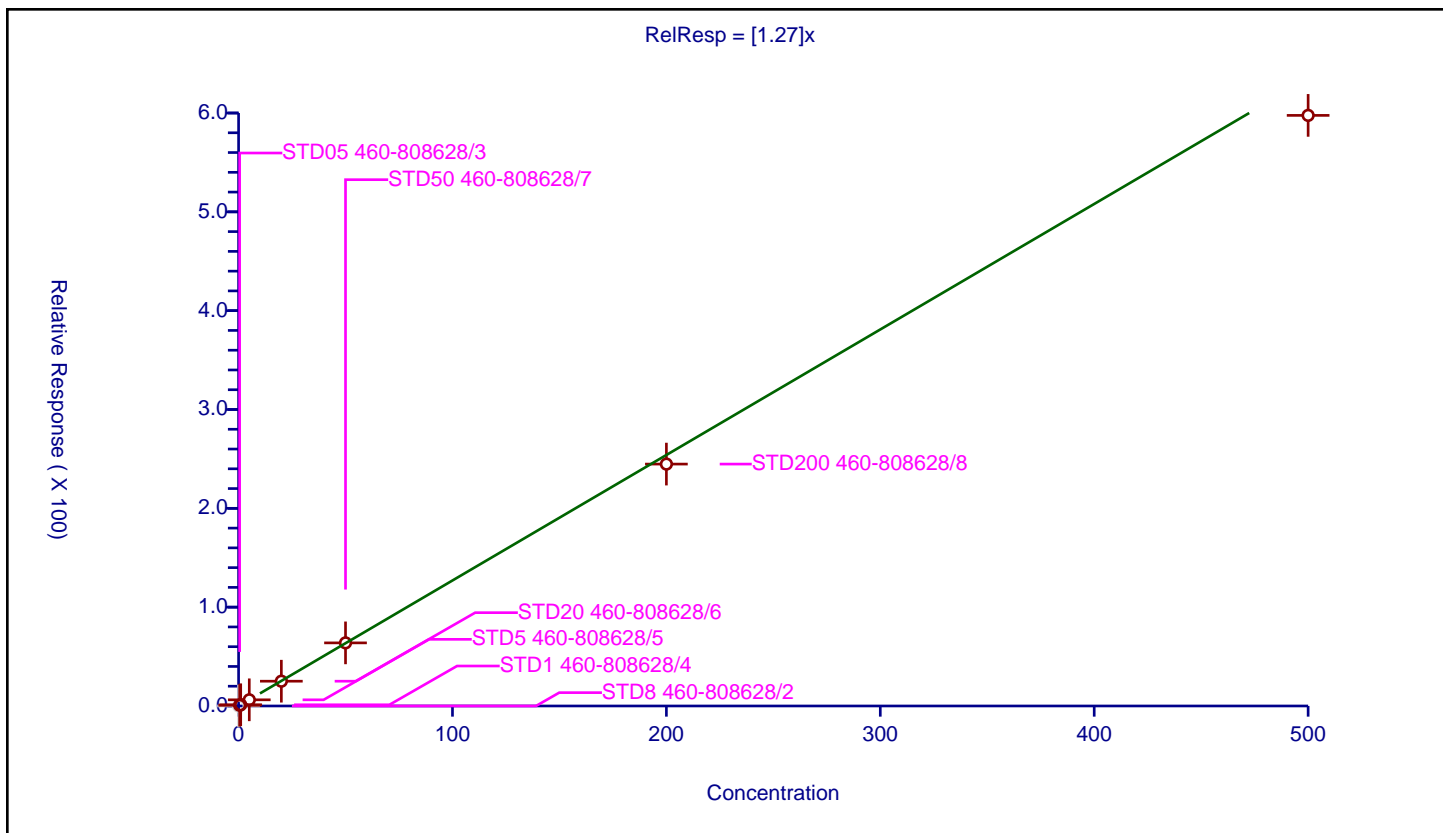
## Curve Coefficients

Intercept: 0  
 Slope: 1.27

## Error Coefficients

Standard Error: 988000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.736888	50.0	183135.0	1.473776	Y
3	STD1 460-808628/4	1.0	1.216867	50.0	183052.0	1.216867	Y
4	STD5 460-808628/5	5.0	6.242867	50.0	182240.0	1.248573	Y
5	STD20 460-808628/6	20.0	25.080099	50.0	180402.0	1.254005	Y
6	STD50 460-808628/7	50.0	63.86024	50.0	175787.0	1.277205	Y
7	STD200 460-808628/8	200.0	244.774771	50.0	187676.0	1.223874	Y
8	STD500 460-808628/9	500.0	597.588227	50.0	186253.0	1.195176	Y



# Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

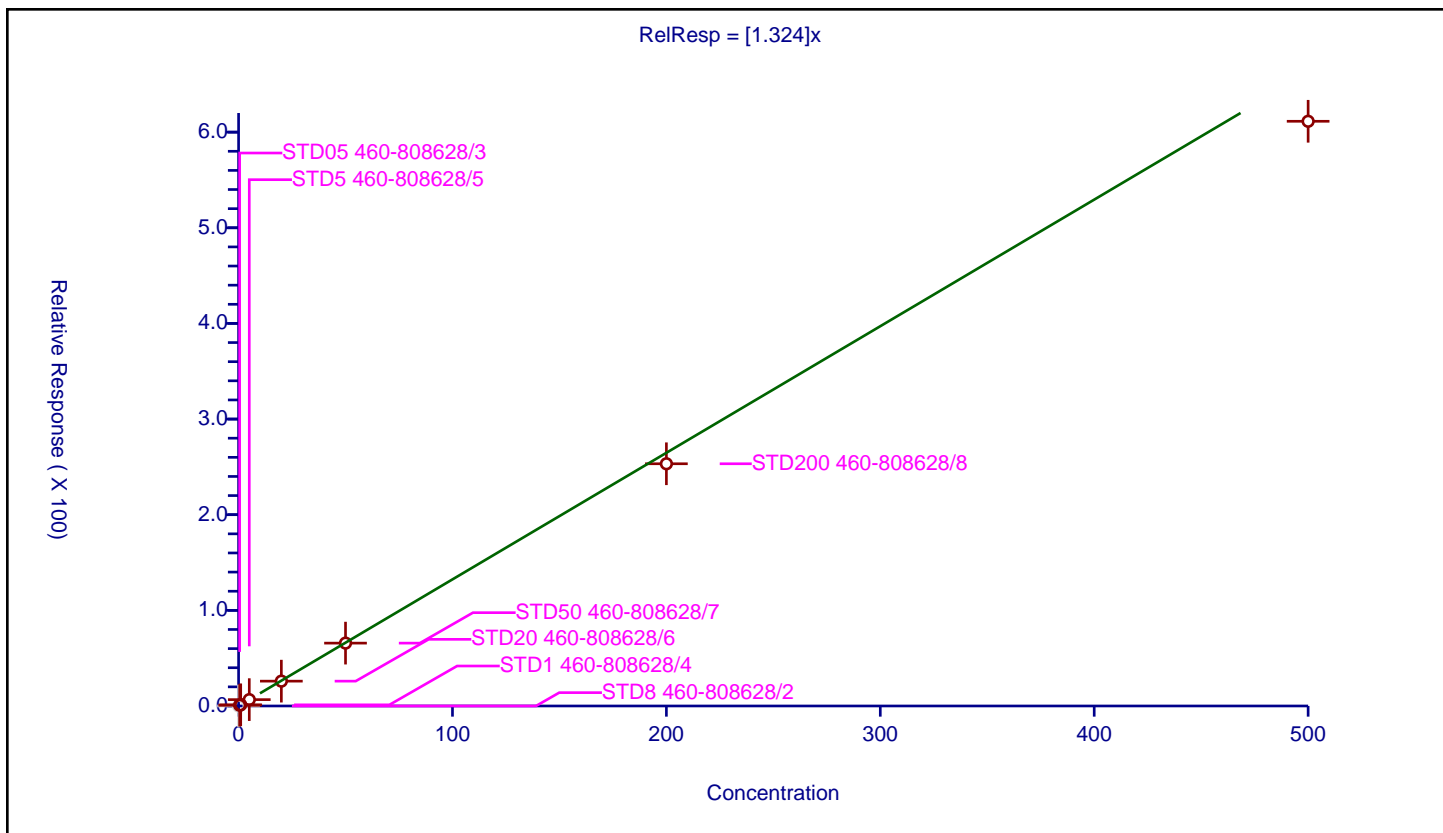
## Curve Coefficients

Intercept: 0  
 Slope: 1.324

## Error Coefficients

Standard Error: 1010000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.80569	50.0	183135.0	1.61138	Y
3	STD1 460-808628/4	1.0	1.222603	50.0	183052.0	1.222603	Y
4	STD5 460-808628/5	5.0	6.643986	50.0	182240.0	1.328797	Y
5	STD20 460-808628/6	20.0	25.972273	50.0	180402.0	1.298614	Y
6	STD50 460-808628/7	50.0	65.741494	50.0	175787.0	1.31483	Y
7	STD200 460-808628/8	200.0	253.264935	50.0	187676.0	1.266325	Y
8	STD500 460-808628/9	500.0	611.348005	50.0	186253.0	1.222696	Y





# Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

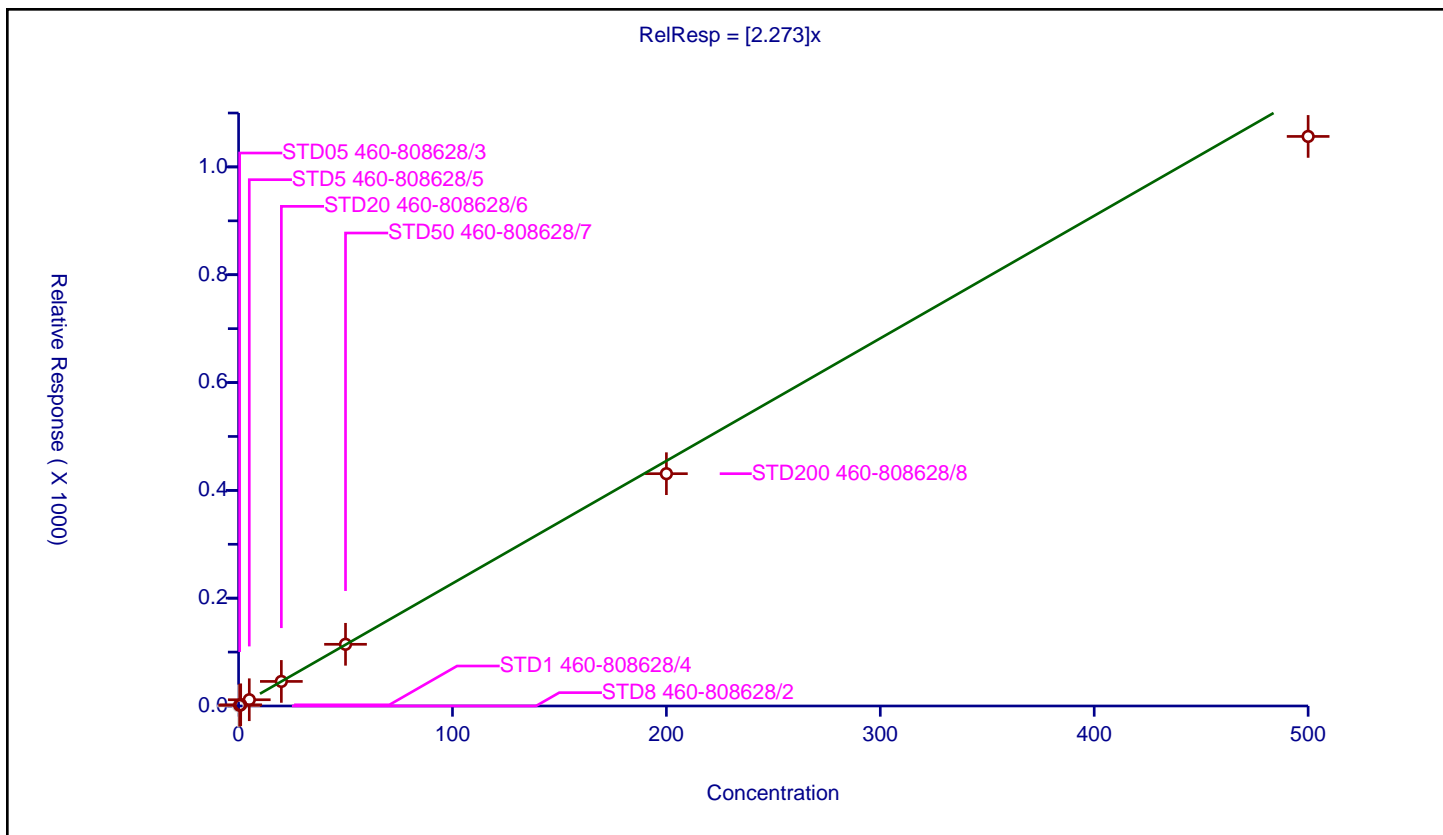
## Curve Coefficients

Intercept: 0  
 Slope: 2.273

## Error Coefficients

Standard Error: 1750000  
 Relative Standard Error: 6.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.267917	50.0	183135.0	2.535834	Y
3	STD1 460-808628/4	1.0	2.225597	50.0	183052.0	2.225597	Y
4	STD5 460-808628/5	5.0	11.577864	50.0	182240.0	2.315573	Y
5	STD20 460-808628/6	20.0	45.607865	50.0	180402.0	2.280393	Y
6	STD50 460-808628/7	50.0	114.437359	50.0	175787.0	2.288747	Y
7	STD200 460-808628/8	200.0	430.952546	50.0	187676.0	2.154763	Y
8	STD500 460-808628/9	500.0	1056.548888	50.0	186253.0	2.113098	Y



# Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

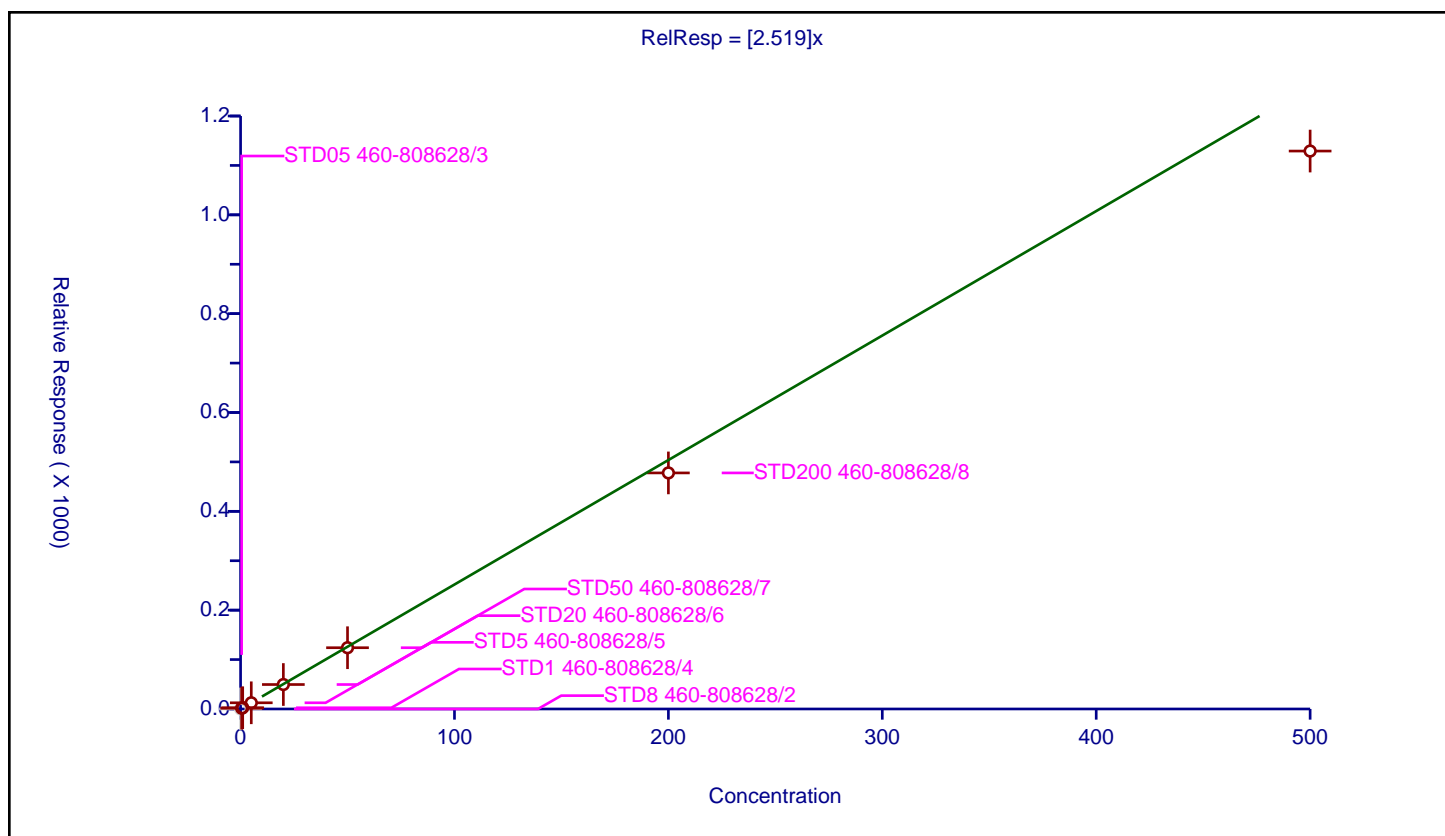
## Curve Coefficients

Intercept: 0  
 Slope: 2.519

## Error Coefficients

Standard Error: 1880000  
 Relative Standard Error: 9.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.518825	50.0	183135.0	3.03765	Y
3	STD1 460-808628/4	1.0	2.486179	50.0	183052.0	2.486179	Y
4	STD5 460-808628/5	5.0	12.529906	50.0	182240.0	2.505981	Y
5	STD20 460-808628/6	20.0	49.536036	50.0	180402.0	2.476802	Y
6	STD50 460-808628/7	50.0	123.982718	50.0	175787.0	2.479654	Y
7	STD200 460-808628/8	200.0	477.735299	50.0	187676.0	2.388676	Y
8	STD500 460-808628/9	500.0	1129.106377	50.0	186253.0	2.258213	Y



# Calibration

/ Benzyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

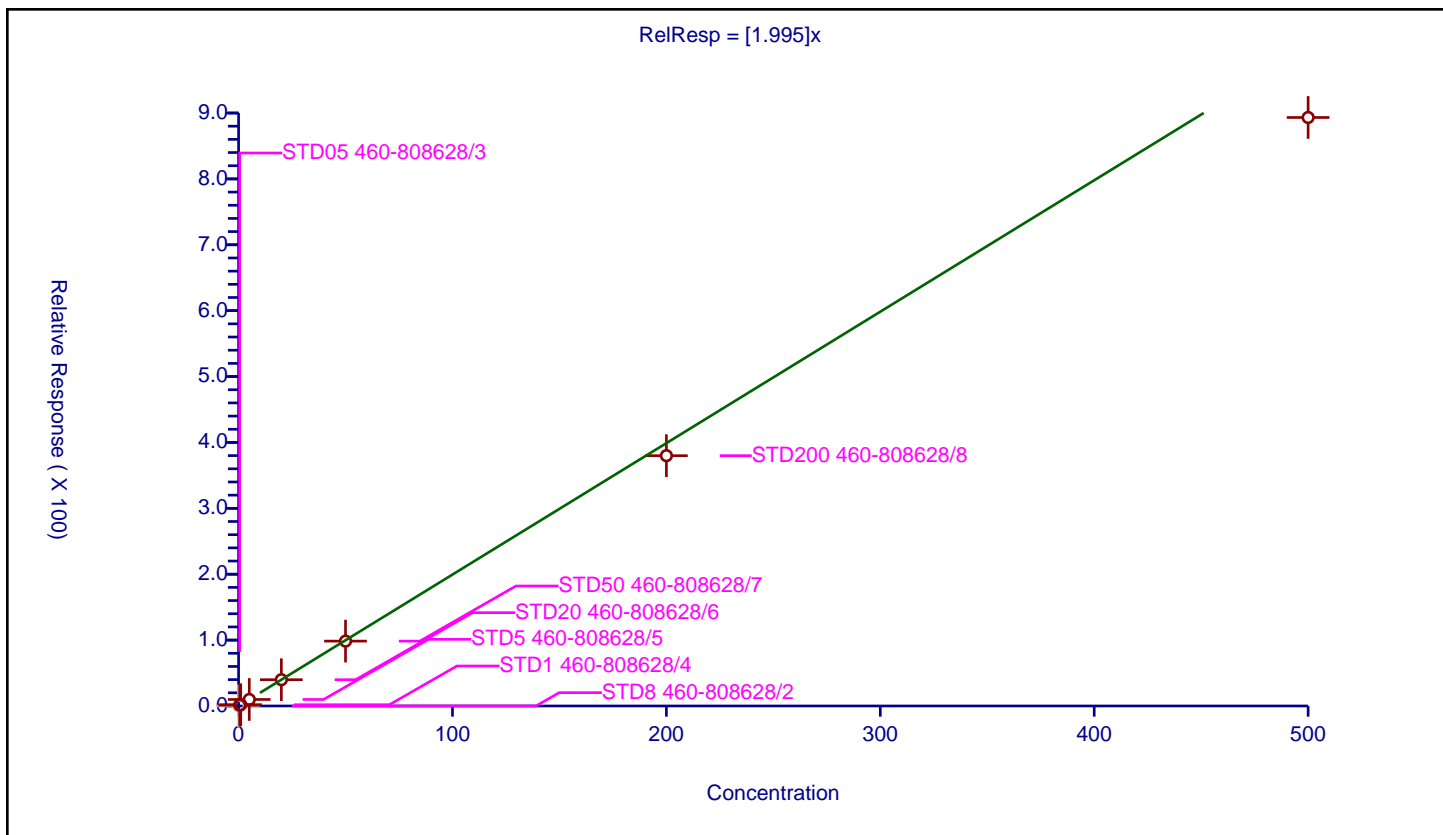
## Curve Coefficients

Intercept: 0  
 Slope: 1.995

## Error Coefficients

Standard Error: 1490000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.212494	50.0	183135.0	2.424987	Y
3	STD1 460-808628/4	1.0	1.913664	50.0	183052.0	1.913664	Y
4	STD5 460-808628/5	5.0	9.87736	50.0	182240.0	1.975472	Y
5	STD20 460-808628/6	20.0	39.875667	50.0	180402.0	1.993783	Y
6	STD50 460-808628/7	50.0	98.468317	50.0	175787.0	1.969366	Y
7	STD200 460-808628/8	200.0	379.924977	50.0	187676.0	1.899625	Y
8	STD500 460-808628/9	500.0	893.203868	50.0	186253.0	1.786408	Y



## Calibration

/ 2,3-Dihydroindene

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

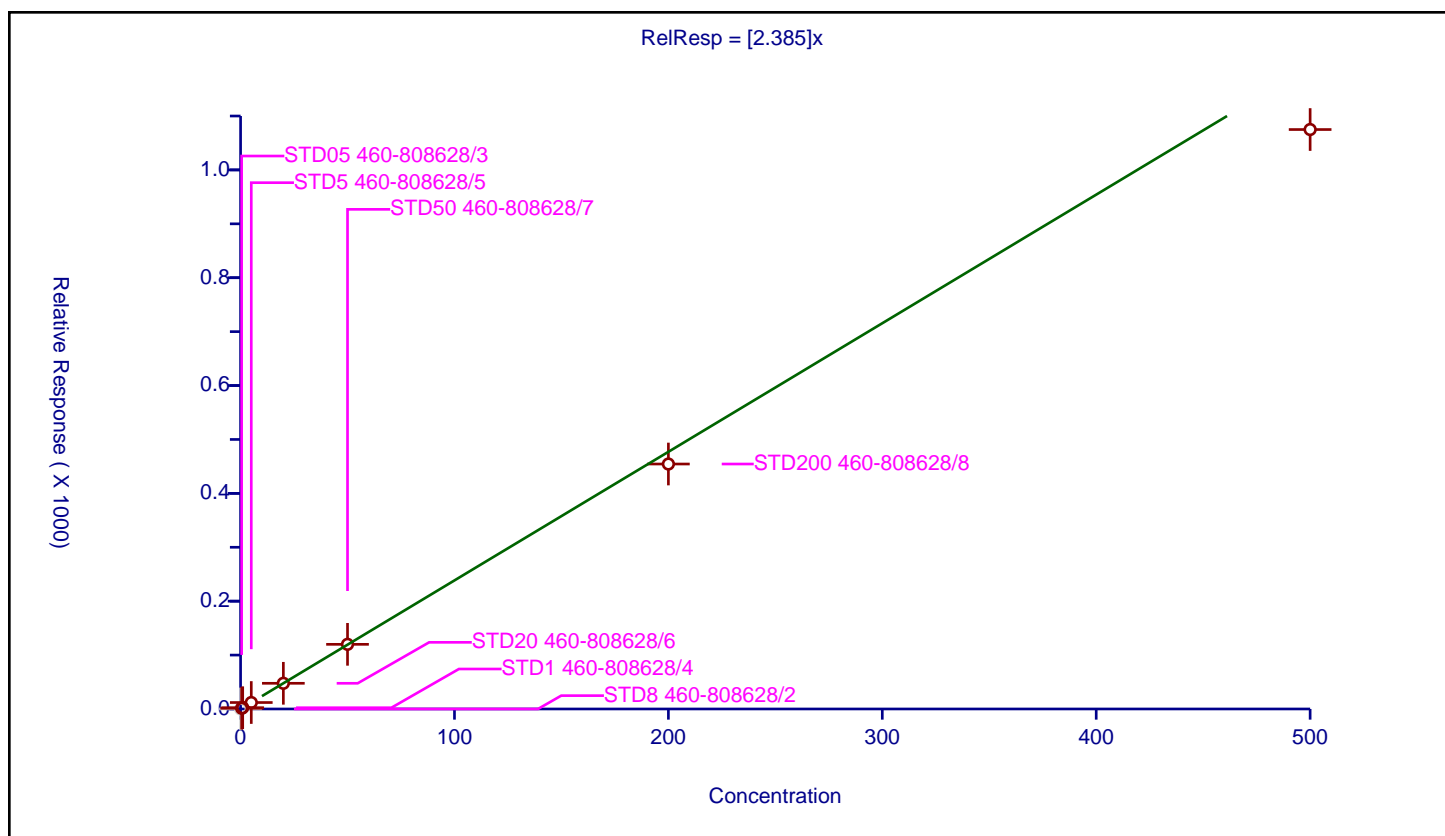
## Curve Coefficients

**Intercept:** 0  
**Slope:** 2.385

## Error Coefficients

**Standard Error:** 1790000  
**Relative Standard Error:** 7.4  
**Correlation Coefficient:** 0.999  
**Coefficient of Determination (Adjusted):** 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.363748	50.0	183135.0	2.727496	Y
3	STD1 460-808628/4	1.0	2.369272	50.0	183052.0	2.369272	Y
4	STD5 460-808628/5	5.0	11.980904	50.0	182240.0	2.396181	Y
5	STD20 460-808628/6	20.0	47.668263	50.0	180402.0	2.383413	Y
6	STD50 460-808628/7	50.0	119.941748	50.0	175787.0	2.398835	Y
7	STD200 460-808628/8	200.0	454.430241	50.0	187676.0	2.272151	Y
8	STD500 460-808628/9	500.0	1074.9298	50.0	186253.0	2.14986	Y



# Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

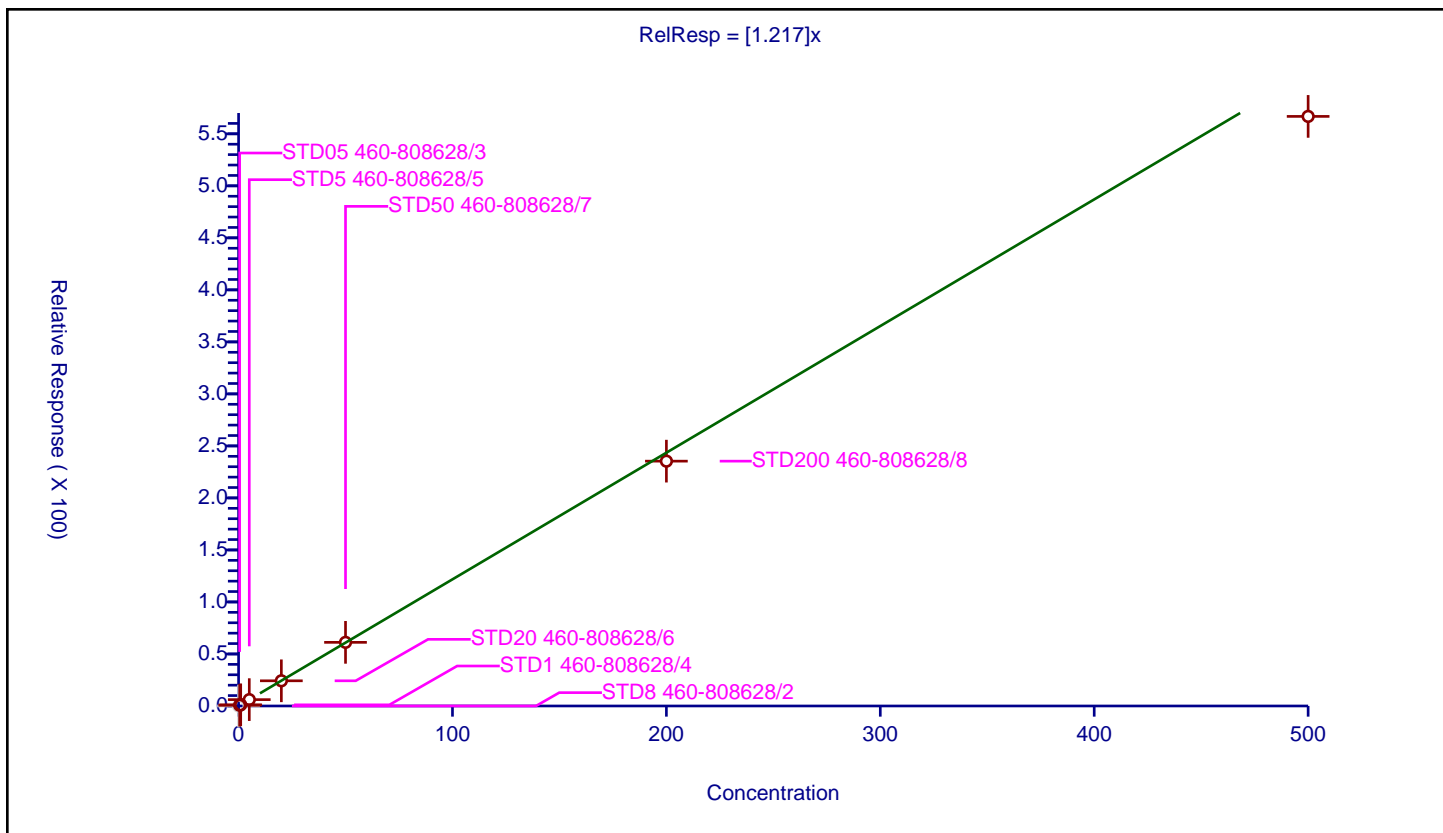
## Curve Coefficients

Intercept: 0  
 Slope: 1.217

## Error Coefficients

Standard Error: 939000  
 Relative Standard Error: 8.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.719142	50.0	183135.0	1.438283	Y
3	STD1 460-808628/4	1.0	1.117169	50.0	183052.0	1.117169	Y
4	STD5 460-808628/5	5.0	6.110623	50.0	182240.0	1.222125	Y
5	STD20 460-808628/6	20.0	24.201783	50.0	180402.0	1.210089	Y
6	STD50 460-808628/7	50.0	61.17375	50.0	175787.0	1.223475	Y
7	STD200 460-808628/8	200.0	235.360675	50.0	187676.0	1.176803	Y
8	STD500 460-808628/9	500.0	566.755166	50.0	186253.0	1.13351	Y



# Calibration

/ p-Diethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

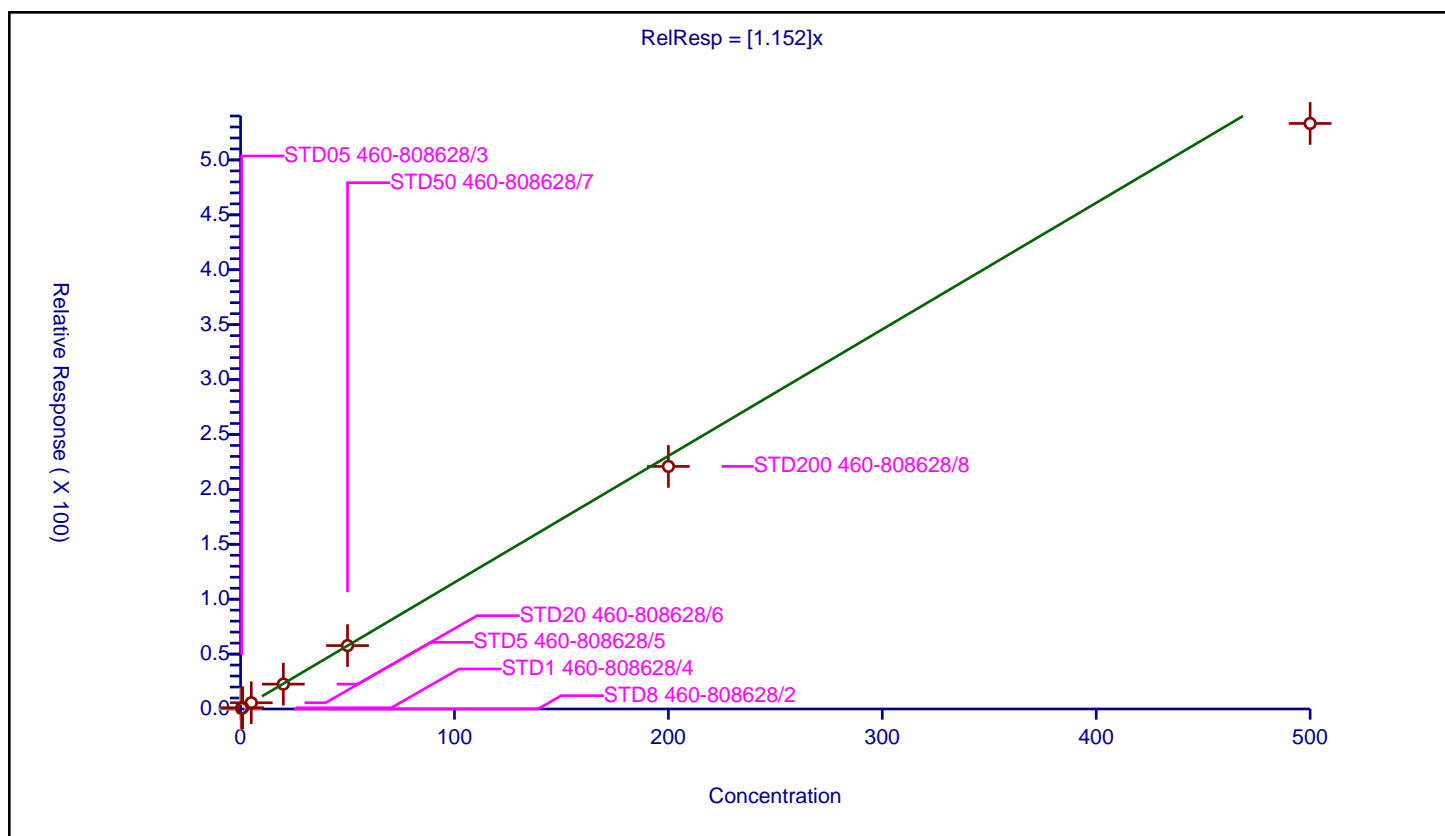
## Curve Coefficients

Intercept: 0  
Slope: 1.152

## Error Coefficients

Standard Error: 883000  
Relative Standard Error: 8.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.681464	50.0	183135.0	1.362929	Y
3	STD1 460-808628/4	1.0	1.111433	50.0	183052.0	1.111433	Y
4	STD5 460-808628/5	5.0	5.669721	50.0	182240.0	1.133944	Y
5	STD20 460-808628/6	20.0	22.639439	50.0	180402.0	1.131972	Y
6	STD50 460-808628/7	50.0	57.730378	50.0	175787.0	1.154608	Y
7	STD200 460-808628/8	200.0	220.90864	50.0	187676.0	1.104543	Y
8	STD500 460-808628/9	500.0	533.212351	50.0	186253.0	1.066425	Y



# Calibration

/ n-Butylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

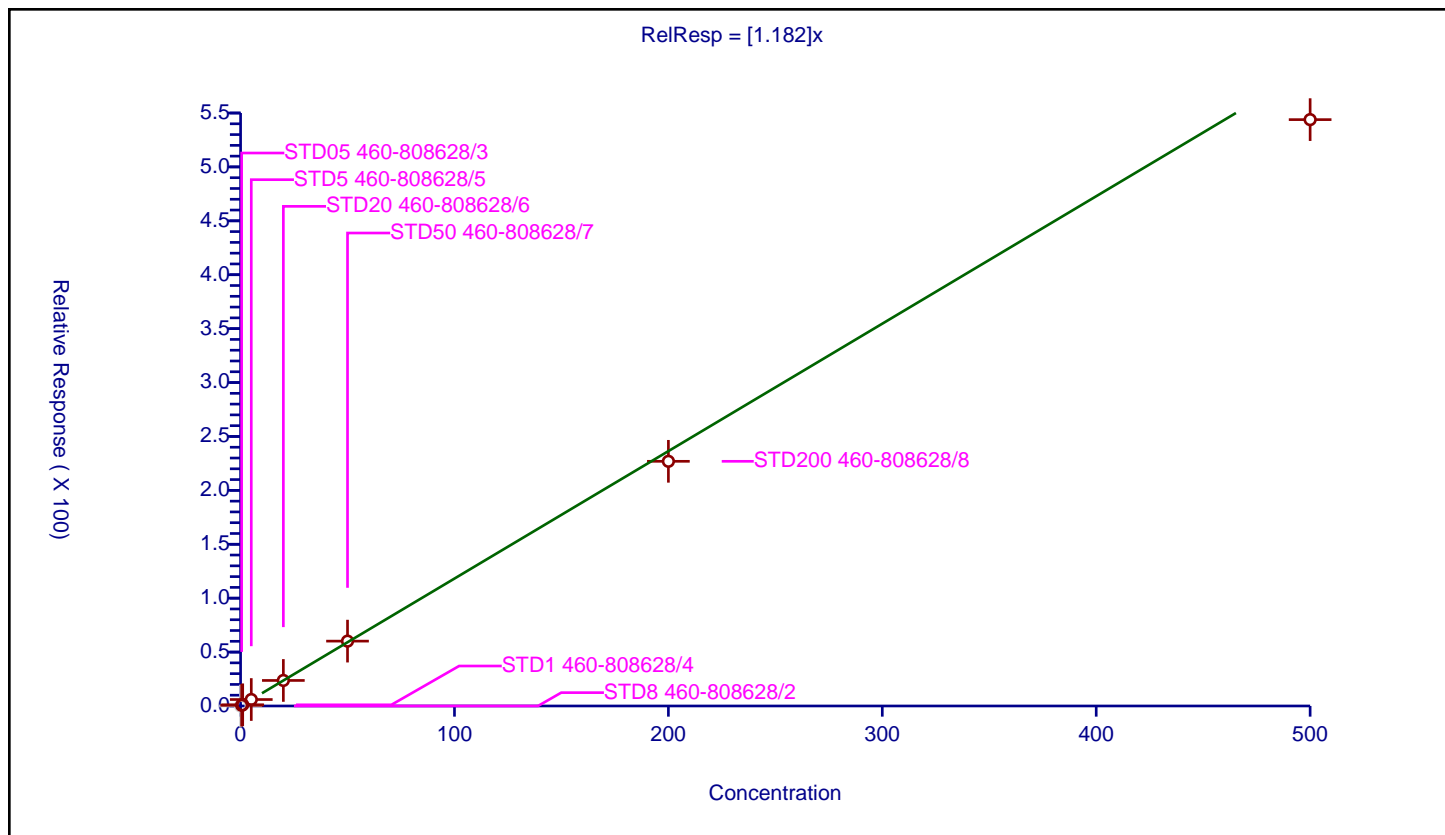
## Curve Coefficients

Intercept: 0  
Slope: 1.182

## Error Coefficients

Standard Error: 902000  
Relative Standard Error: 8.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.688563	50.0	183135.0	1.377126	Y
3	STD1 460-808628/4	1.0	1.088762	50.0	183052.0	1.088762	Y
4	STD5 460-808628/5	5.0	5.992647	50.0	182240.0	1.198529	Y
5	STD20 460-808628/6	20.0	23.677953	50.0	180402.0	1.183898	Y
6	STD50 460-808628/7	50.0	60.161445	50.0	175787.0	1.203229	Y
7	STD200 460-808628/8	200.0	226.941111	50.0	187676.0	1.134706	Y
8	STD500 460-808628/9	500.0	543.873387	50.0	186253.0	1.087747	Y



# Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

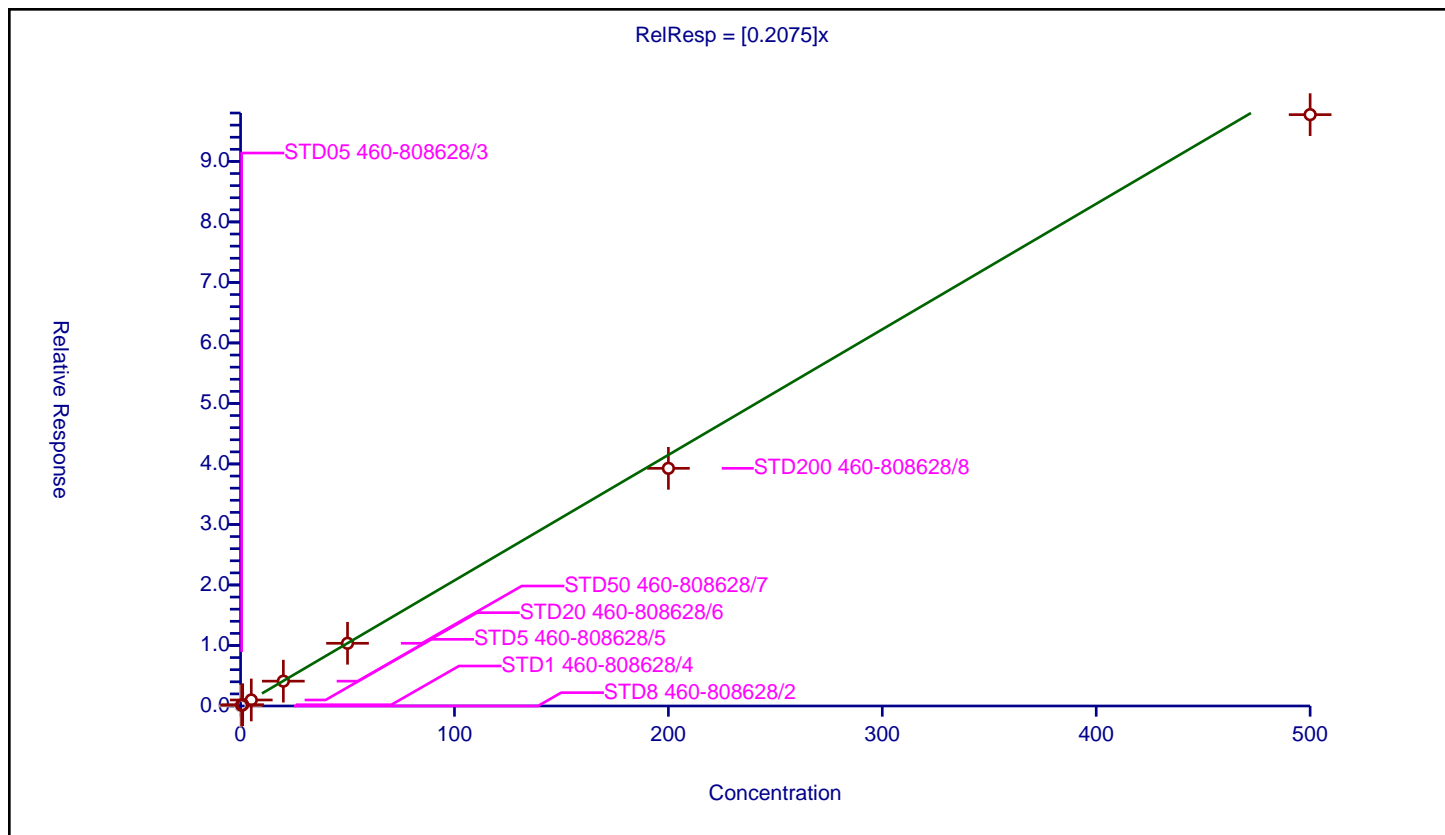
## Curve Coefficients

Intercept: 0  
 Slope: 0.2075

## Error Coefficients

Standard Error: 161000  
 Relative Standard Error: 7.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.120949	50.0	183135.0	0.241898	Y
3	STD1 460-808628/4	1.0	0.207318	50.0	183052.0	0.207318	Y
4	STD5 460-808628/5	5.0	0.99347	50.0	182240.0	0.198694	Y
5	STD20 460-808628/6	20.0	4.107216	50.0	180402.0	0.205361	Y
6	STD50 460-808628/7	50.0	10.361403	50.0	175787.0	0.207228	Y
7	STD200 460-808628/8	200.0	39.280462	50.0	187676.0	0.196402	Y
8	STD500 460-808628/9	500.0	97.73158	50.0	186253.0	0.195463	Y





# Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

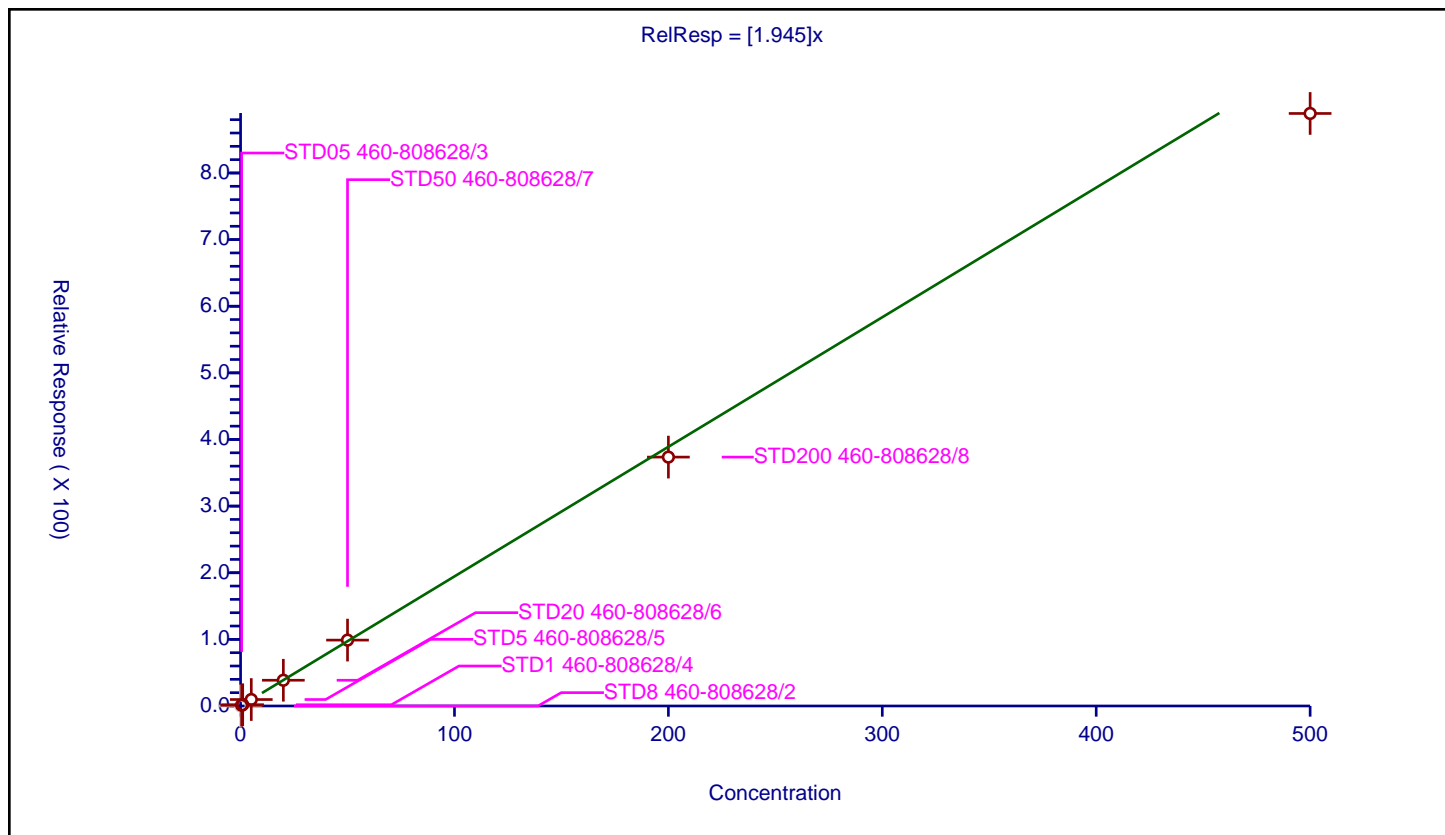
## Curve Coefficients

Intercept: 0  
 Slope: 1.945

## Error Coefficients

Standard Error: 1480000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.120212	50.0	183135.0	2.240424	Y
3	STD1 460-808628/4	1.0	1.877882	50.0	183052.0	1.877882	Y
4	STD5 460-808628/5	5.0	9.706157	50.0	182240.0	1.941231	Y
5	STD20 460-808628/6	20.0	38.633164	50.0	180402.0	1.931658	Y
6	STD50 460-808628/7	50.0	98.869939	50.0	175787.0	1.977399	Y
7	STD200 460-808628/8	200.0	373.553091	50.0	187676.0	1.867765	Y
8	STD500 460-808628/9	500.0	889.306481	50.0	186253.0	1.778613	Y



# Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

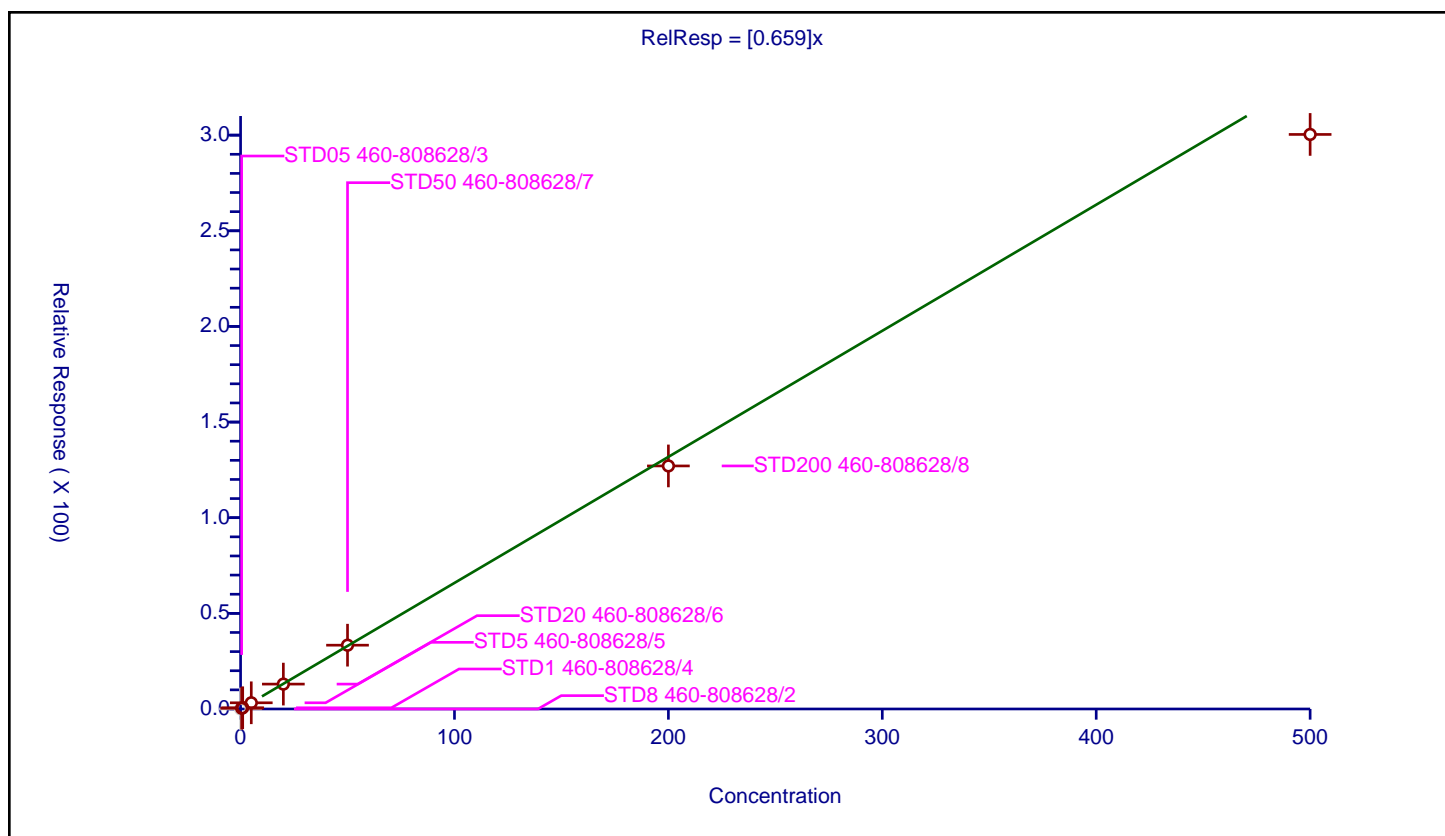
## Curve Coefficients

Intercept: 0  
 Slope: 0.659

## Error Coefficients

Standard Error: 499000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.388511	50.0	183135.0	0.777022	Y
3	STD1 460-808628/4	1.0	0.635612	50.0	183052.0	0.635612	Y
4	STD5 460-808628/5	5.0	3.235568	50.0	182240.0	0.647114	Y
5	STD20 460-808628/6	20.0	13.007339	50.0	180402.0	0.650367	Y
6	STD50 460-808628/7	50.0	33.35002	50.0	175787.0	0.667	Y
7	STD200 460-808628/8	200.0	127.070856	50.0	187676.0	0.635354	Y
8	STD500 460-808628/9	500.0	300.369122	50.0	186253.0	0.600738	Y



# Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

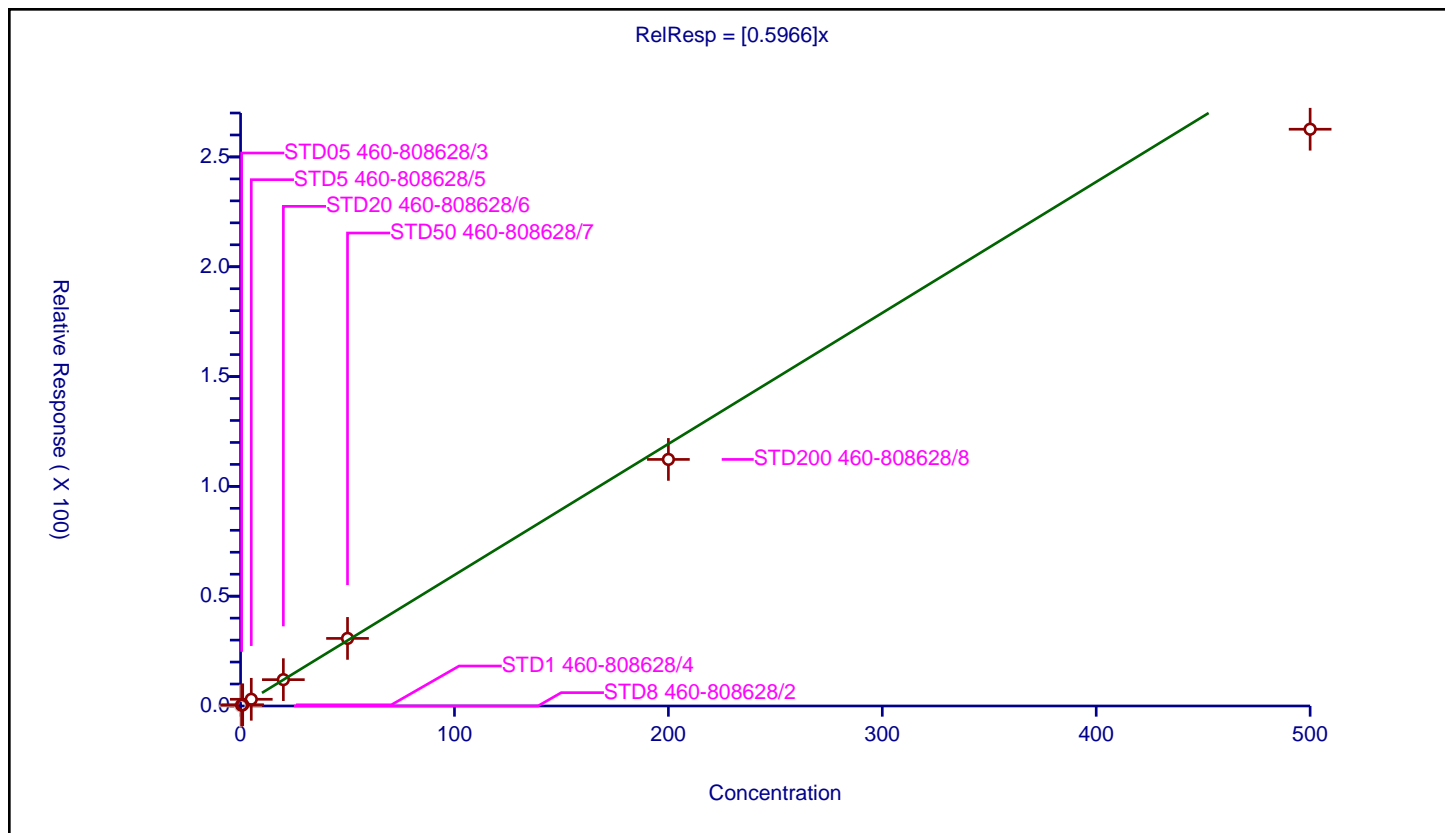
## Curve Coefficients

Intercept: 0  
 Slope: 0.5966

## Error Coefficients

Standard Error: 437000  
 Relative Standard Error: 11.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.365031	50.0	183135.0	0.730063	Y
3	STD1 460-808628/4	1.0	0.534548	50.0	183052.0	0.534548	Y
4	STD5 460-808628/5	5.0	3.048727	50.0	182240.0	0.609745	Y
5	STD20 460-808628/6	20.0	11.994324	50.0	180402.0	0.599716	Y
6	STD50 460-808628/7	50.0	30.777304	50.0	175787.0	0.615546	Y
7	STD200 460-808628/8	200.0	112.278341	50.0	187676.0	0.561392	Y
8	STD500 460-808628/9	500.0	262.619931	50.0	186253.0	0.52524	Y



# Calibration

/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

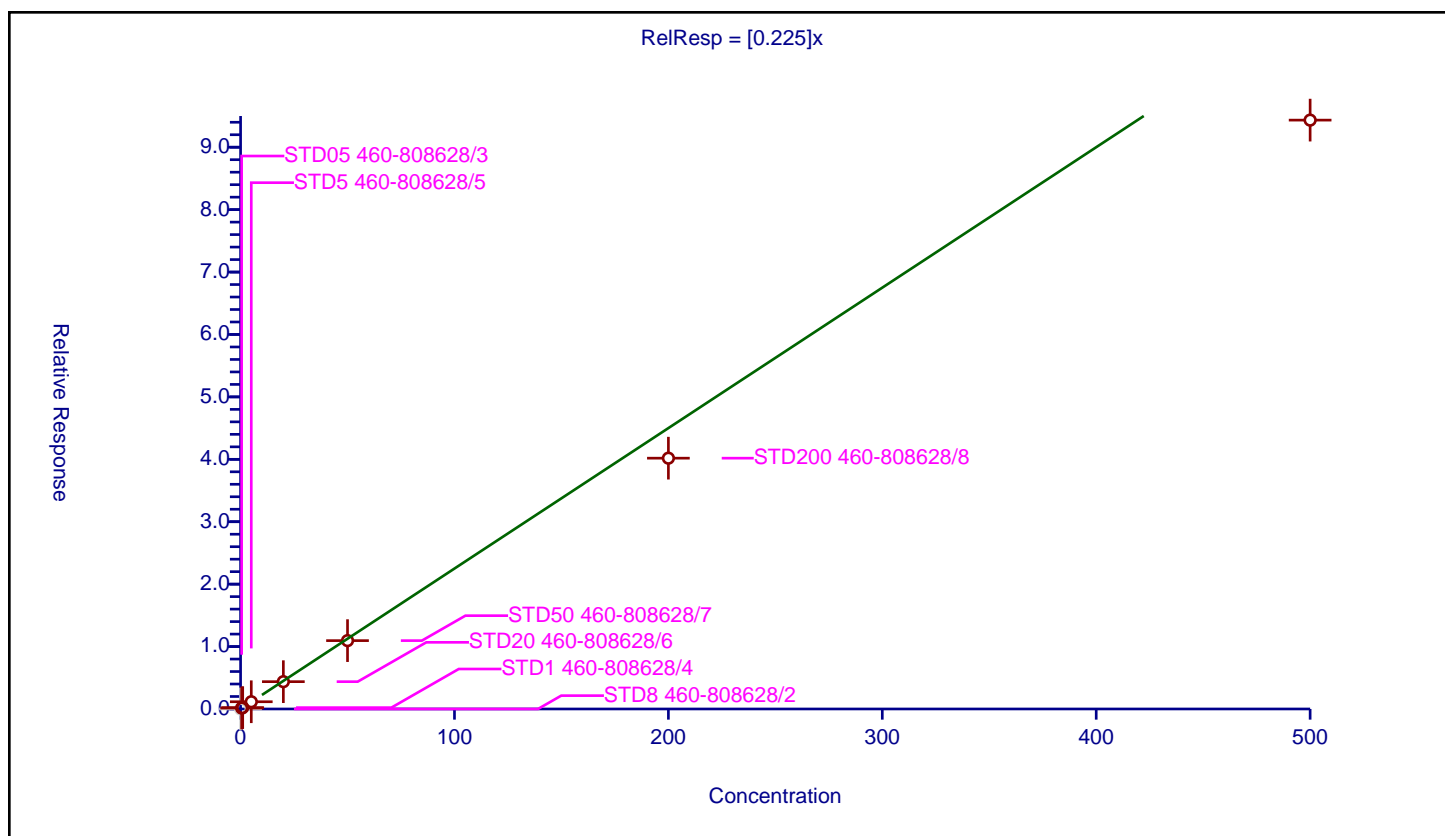
## Curve Coefficients

Intercept: 0  
 Slope: 0.225

## Error Coefficients

Standard Error: 157000  
 Relative Standard Error: 15.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.147432	50.0	183135.0	0.294864	Y
3	STD1 460-808628/4	1.0	0.220429	50.0	183052.0	0.220429	Y
4	STD5 460-808628/5	5.0	1.161381	50.0	182240.0	0.232276	Y
5	STD20 460-808628/6	20.0	4.376337	50.0	180402.0	0.218817	Y
6	STD50 460-808628/7	50.0	10.950468	50.0	175787.0	0.219009	Y
7	STD200 460-808628/8	200.0	40.183081	50.0	187676.0	0.200915	Y
8	STD500 460-808628/9	500.0	94.343447	50.0	186253.0	0.188687	Y



# Calibration

/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

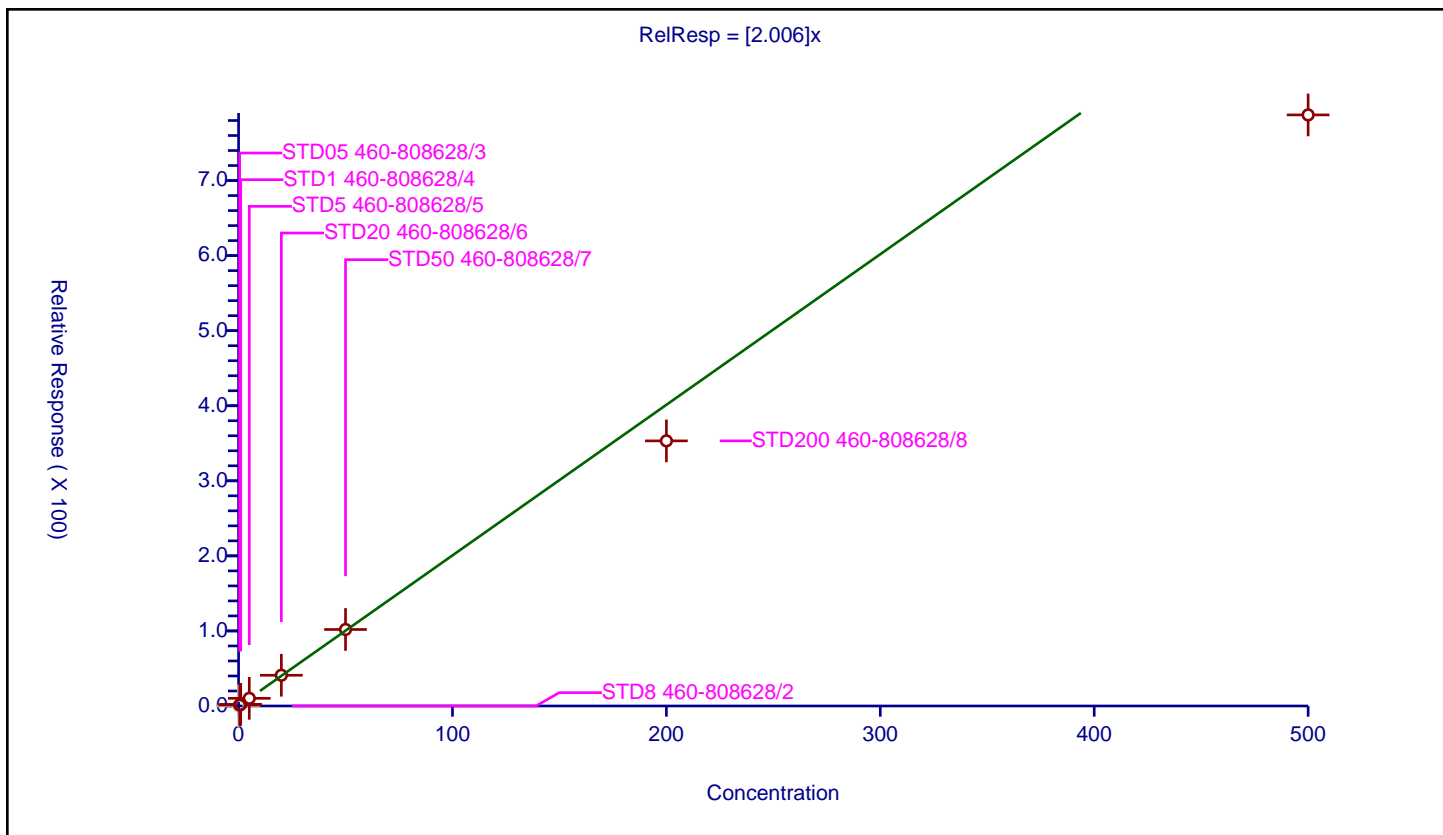
## Curve Coefficients

Intercept: 0  
 Slope: 2.006

## Error Coefficients

Standard Error: 1320000  
 Relative Standard Error: 13.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	1.211128	50.0	183135.0	2.422257	Y
3	STD1 460-808628/4	1.0	2.153213	50.0	183052.0	2.153213	Y
4	STD5 460-808628/5	5.0	10.211534	50.0	182240.0	2.042307	Y
5	STD20 460-808628/6	20.0	40.946608	50.0	180402.0	2.04733	Y
6	STD50 460-808628/7	50.0	101.900596	50.0	175787.0	2.038012	Y
7	STD200 460-808628/8	200.0	353.199663	50.0	187676.0	1.765998	Y
8	STD500 460-808628/9	500.0	787.467316	50.0	186253.0	1.574935	Y



# Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

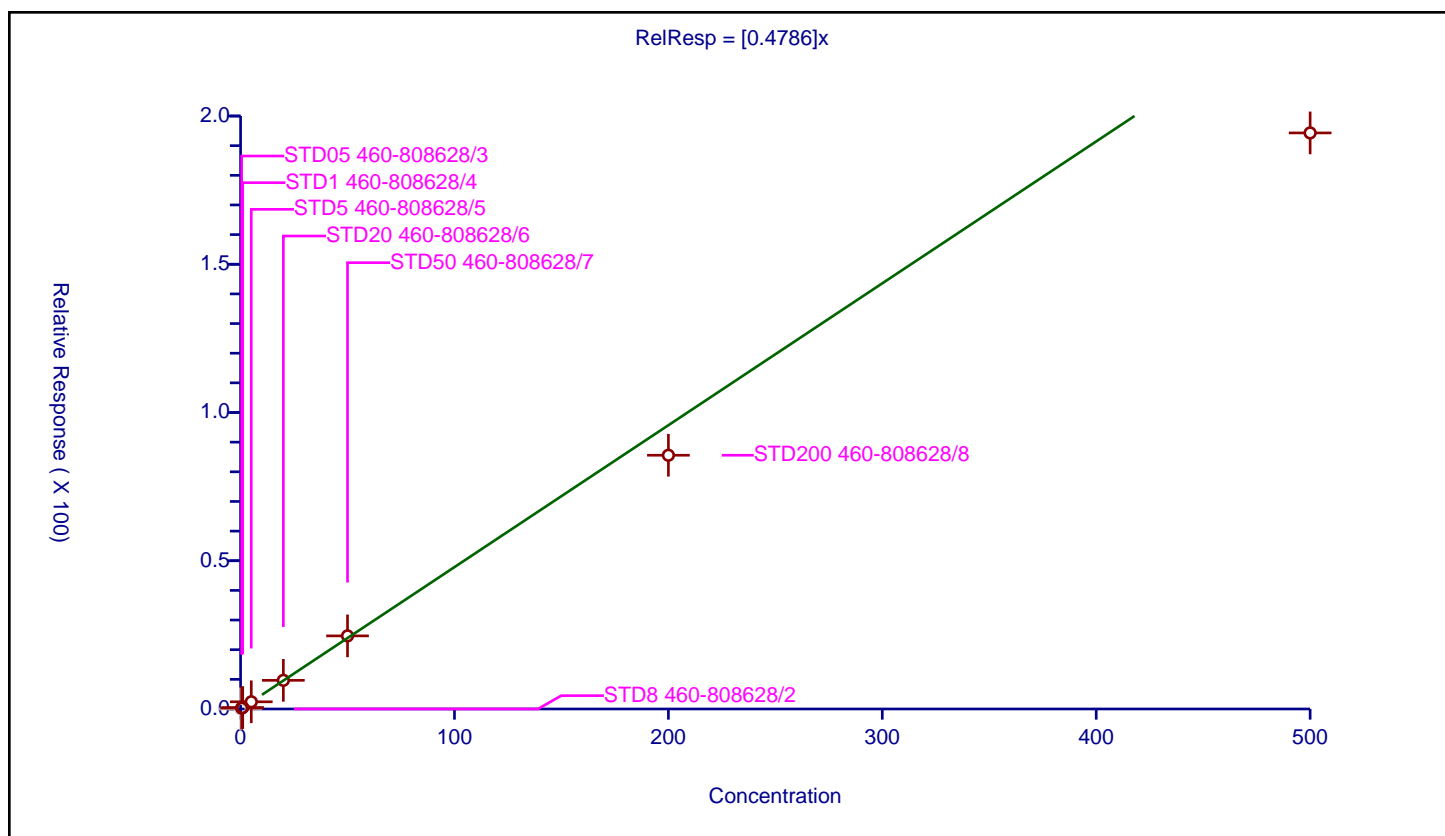
## Curve Coefficients

Intercept: 0  
 Slope: 0.4786

## Error Coefficients

Standard Error: 325000  
 Relative Standard Error: 13.2  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-808628/2	0.0	0.0	50.0	188258.0	NaN	N
2	STD05 460-808628/3	0.5	0.29623	50.0	183135.0	0.592459	Y
3	STD1 460-808628/4	1.0	0.480738	50.0	183052.0	0.480738	Y
4	STD5 460-808628/5	5.0	2.419886	50.0	182240.0	0.483977	Y
5	STD20 460-808628/6	20.0	9.663418	50.0	180402.0	0.483171	Y
6	STD50 460-808628/7	50.0	24.655976	50.0	175787.0	0.49312	Y
7	STD200 460-808628/8	200.0	85.582333	50.0	187676.0	0.427912	Y
8	STD500 460-808628/9	500.0	194.301568	50.0	186253.0	0.388603	Y



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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-822855/3	TT49274.D
Level 2	STD05 460-822855/4	TT49275.D
Level 3	STD1 460-822855/5	TT49276.D
Level 4	STD5 460-822855/6	TT49277.D
Level 5	STD20 460-822855/7	TT49278.D
Level 6	STD50 460-822855/8	TT49279.D
Level 7	STD200 460-822855/9	TT49280.D
Level 8	STD500 460-822855/10	TT49281.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Chlorotrifluoroethene	+++++ 0.1480	0.1069 +++++	0.1066 +++++	0.1427	0.1441	Ave		0.129 7				16.2		20.0			
Dichlorodifluoromethane	+++++ 0.6401	0.5399 0.7566	0.5701 0.6562	0.6481	0.6169	Ave		0.632 5			0.1000	11.0		20.0			
Chlorodifluoromethane	+++++ 0.1106	0.1371 0.1207	0.1222 0.1021	0.1179	0.1096	Ave		0.117 2				9.6		20.0			
Chloromethane	+++++ 0.9136	0.8002 0.9413	0.8853 0.8081	0.9176	0.8609	Ave		0.875 3			0.1000	6.3		20.0			
Butadiene	0.7958 0.7738	0.7490 0.7802	0.7672 0.6427	0.7983	0.7216	Ave		0.753 6				6.8		20.0			
Vinyl chloride	+++++ 0.8165	0.8438 0.8104	0.8039 0.6676	0.8455	0.7806	Ave		0.795 5			0.1000	7.6		20.0			
Bromomethane	+++++ 3.6504	4.3398 3.3948	3.8911 2.8373	3.9239	3.8104	Ave		3.692 5			0.1000	12.8		20.0			
Chloroethane	+++++ 3.7023	4.8299 3.3570	4.0929 +++++	3.9875	3.7303	Ave		3.950 0			0.1000	12.7		20.0			
Dichlorofluoromethane	+++++ 1.1091	1.1405 1.0476	1.1819 0.8892	1.1404	1.0846	Ave		1.084 8				8.9		20.0			
Trichlorofluoromethane	+++++ 0.7329	0.6649 0.7016	0.6986 0.5973	0.7495	0.6992	Ave		0.692 0			0.1000	7.2		20.0			
Pentane	+++++ 0.0780	0.0576 0.0772	0.0758 0.0630	0.0838	0.0791	Ave		0.073 5				12.9		20.0			
Ethanol	+++++ 0.3139	+++++ 0.3041	0.3671 0.3654	0.4489	0.2746	Ave		0.345 7				18.0		20.0			
Ethyl ether	+++++ 0.2497	0.2667 0.2508	0.2499 0.2273	0.2607	0.2480	Ave		0.250 4				4.9		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	++++ 0.5009	0.5172 0.4861	0.4867 0.3996	0.5138	0.4943	Ave		0.485 5				8.2		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.3796	0.3195 0.3494	0.3841 0.3077	0.4043	0.3705	Ave		0.359 3				9.9		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.7038	0.6827 0.6450	0.6997 0.5782	0.7481	0.6966	Ave		0.679 2				7.9		20.0			
Acrolein	++++ 0.0496	0.0555 0.0493	0.0506 0.0451	0.0547	0.0407	Ave		0.049 3				10.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.4393	0.3533 0.4234	0.3916 0.3717	0.4785	0.4435	Ave		0.414 5			0.1000	10.7		20.0			
1,1-Dichloroethene	++++ 0.4206	0.4870 0.4020	0.4509 0.3613	0.4467	0.4134	Ave		0.426 0			0.1000	9.5		20.0			
Acetone	++++ 1.1048	1.7542 1.1515	1.4469 1.0862	1.2478	0.9909	Lin2	1.671 6	1.098 1			0.0500				0.9960		0.9900
Iodomethane	++++ 0.6936	0.6842 0.6751	0.6901 0.6107	0.7108	0.6906	Ave		0.679 3				4.7		20.0			
Isopropyl alcohol	++++ 3.8717	4.5695 4.2238	3.4314 4.1815	4.9890	2.8554	Ave		4.017 5				17.7		20.0			
Carbon disulfide	++++ 1.8994	2.1174 1.8200	2.0147 1.6054	1.9832	1.8744	Ave		1.902 1			0.1000	8.6		20.0			
3-Chloro-1-propene	++++ 0.3008	0.2913 0.2921	0.3018 0.2693	0.3032	0.3068	Ave		0.295 1				4.3		20.0			
Cyclopentene	++++ 1.2293	1.1829 1.1493	1.1659 0.9508	1.2873	1.2044	Ave		1.167 2				9.1		20.0			
Methyl acetate	++++ 0.3852	0.3308 0.3877	0.4122 0.3553	0.3760	0.4051	Ave		0.378 9			0.1000	7.5		20.0			
Acetonitrile	++++ 0.5161	0.6751 0.4344	0.5762 ++++	0.5565	0.4550	Ave		0.535 6				16.4		20.0			
Methylene Chloride	++++ 0.5226	0.5550 0.4982	0.5702 0.4552	0.5497	0.5394	Ave		0.527 2			0.1000	7.5		20.0			
2-Methyl-2-propanol	++++ 10.465	11.391 10.938	11.165 12.756	12.993	10.560	Ave		11.46 7				8.9		20.0			
Methyl tert-butyl ether	++++ 1.2480	1.2551 1.2422	1.2944 1.1261	1.2683	1.2756	Ave		1.244 2			0.1000	4.4		20.0			
trans-1,2-Dichloroethene	++++ 0.4611	0.5333 0.4371	0.4986 0.3934	0.4952	0.4638	Ave		0.468 9			0.1000	9.7		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1874 0.1842	0.1817 0.1823	0.1742 0.1635	0.1894	0.1839	Ave		0.180 8				4.6		20.0			
Hexane	++++ 0.7200	0.6208 0.7043	0.6146 0.6279	0.7323	0.7251	Ave		0.677 9				8.0		20.0			
Isopropyl ether	++++ 2.0441	2.0252 1.9639	2.0642 1.6728	2.0944	2.0473	Ave		1.987 4				7.3		20.0			
1,1-Dichloroethane	++++ 0.9734	1.0153 0.9281	1.0289 0.8282	1.0314	0.9733	Ave		0.968 4		0.2000		7.4		20.0			
Vinyl acetate	++++ 0.5713	0.5923 0.6068	0.6122 0.5432	0.5928	0.5969	Ave		0.587 9				4.0		20.0			
2-Chloro-1,3-butadiene	++++ 0.4152	0.3813 0.3895	0.4319 0.3234	0.4181	0.4166	Ave		0.396 6				9.3		20.0			
Text-butyl ethyl ether	++++ 1.5859	1.5142 1.5574	1.5491 1.3570	1.5936	1.5739	Ave		1.533 0				5.3		20.0			
2,2-Dichloropropane	++++ 0.1575	0.1527 0.1591	0.1668 0.1462	0.1639	0.1556	Ave		0.157 4				4.4		20.0			
cis-1,2-Dichloroethene	++++ 0.5022	0.5501 0.4974	0.4906 0.4507	0.5242	0.5005	Ave		0.502 2		0.1000		6.1		20.0			
Ethyl acetate	++++ 0.3133	0.3125 0.3018	0.3267 0.2644	0.3135	0.2989	Ave		0.304 4				6.5		20.0			
2-Butanone (MEK)	++++ 0.3118	0.3709 0.3191	0.3791 0.3062	0.3261	0.3076	Ave		0.331 5		0.0500		9.2		20.0			
Methyl acrylate	++++ 0.3427	0.3682 0.3676	0.3532 0.3408	0.3185	0.3108	Ave		0.343 1				6.5		20.0			
Propionitrile	++++ 19.363	17.723 21.437	19.742 20.400	21.998	21.298	Ave		20.28 0				7.3		20.0			
Chlorobromomethane	++++ 0.2194	0.2272 0.2187	0.2235 0.2012	0.2216	0.2192	Ave		0.218 7				3.8		20.0			
Tetrahydrofuran	++++ 0.3857	0.4379 0.3893	0.4150 0.3594	0.3889	0.4042	Ave		0.397 2				6.3		20.0			
Methacrylonitrile	++++ 0.1607	0.1476 0.1597	0.1548 0.1394	0.1556	0.1506	Ave		0.152 6				4.9		20.0			
Chloroform	++++ 0.8116	0.8176 0.7580	0.8724 0.6745	0.8508	0.8053	Ave		0.798 6		0.2000		8.2		20.0			
Cyclohexane	++++ 0.6835	0.6204 0.6853	0.6246 0.6235	0.7313	0.6896	Ave		0.665 5		0.1000		6.5		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	++++ 0.6687	0.6515 0.6521	0.6574 0.5955	0.7020	0.6635	Ave		0.655 8			0.1000	4.8		20.0			
Carbon tetrachloride	++++ 0.5394	0.5246 0.5416	0.4880 0.5060	0.5518	0.5253	Ave		0.525 2			0.1000	4.2		20.0			
1,1-Dichloropropene	++++ 0.6370	0.6100 0.6535	0.6256 0.6127	0.6423	0.5975	Ave		0.625 5				3.2		20.0			
Isobutyl alcohol	++++ 8.8159	7.7228 9.9647	8.0947 10.724	9.6356	9.2396	Ave		9.171 0				11.5		20.0			
Isooctane	++++ 1.9327	1.4620 1.9734	1.5110 1.6800	1.9135	1.8904	Ave		1.766 2				12.1		20.0			
Benzene	++++ 2.8597	3.1883 2.6986	3.2179 2.3801	3.1764	2.7815	Ave		2.900 3			0.5000	10.8		20.0			
tert-amyl methyl ether	++++ 1.4457	1.2808 1.4115	1.3803 1.2359	1.4360	1.4174	Ave		1.372 5				6.0		20.0			
Isopropyl acetate	++++ 0.2335	0.2323 0.2367	0.2288 0.2143	0.2161	0.2234	Ave		0.226 4				3.9		20.0			
1,2-Dichloroethane	++++ 0.5746	0.6748 0.5803	0.6315 0.5466	0.5967	0.5540	Ave		0.594 1			0.1000	7.6		20.0			
n-Heptane	++++ 0.1063	0.0871 0.1055	0.0873 0.0981	0.1134	0.1062	Ave		0.100 5				10.1		20.0			
n-Butanol	++++ 1.7466	1.7179 2.0429	1.5437 ++++	1.6955	1.6288	Ave		1.729 2				9.8		20.0			
Trichloroethene	++++ 0.4238	0.4229 0.4524	0.4238 0.4343	0.4132	0.3822	Ave		0.421 8			0.2000	5.1		20.0			
Methylcyclohexane	++++ 0.7945	0.6313 0.8152	0.6622 0.7360	0.8127	0.7864	Ave		0.748 3			0.1000	10.0		20.0			
Ethyl acrylate	++++ 0.0537	0.0315 0.0559	0.0330 0.0513	0.0492	0.0499	QuaF		0.058 1	-0.000014						1.0000		0.9900
1,2-Dichloropropane	++++ 0.5034	0.4722 0.5201	0.4881 0.4940	0.4864	0.4676	Ave		0.490 3			0.1000	3.7		20.0			
Methyl methacrylate	++++ 0.0781	0.0637 0.0865	0.0711 0.0807	0.0686	0.0712	Ave		0.074 3				10.6		20.0			
1,4-Dioxane	++++ 1.1382	0.6297 0.9014	1.2340 ++++	1.3823	1.1545	QuaF		1.212 7	-0.000078						1.0000		0.9900
Dibromomethane	++++ 0.2426	0.2494 0.2534	0.2418 0.2426	0.2370	0.2246	Ave		0.241 6				3.8		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	++++ 0.5798	0.4786 0.6287	0.5235 0.5884	0.5274	0.5212	Ave		0.549 7				9.3		20.0			
Dichlorobromomethane	++++ 0.5530	0.5194 0.6041	0.5086 0.5968	0.5228	0.4964	Ave		0.543 0			0.2000	7.9		20.0			
2-Nitropropane	++++ 0.0924	0.1855 0.1091	0.1111 0.1073	0.0858	0.0811	QuaF		0.107 2	0.0000002						1.0000		0.9900
2-Chloroethyl vinyl ether	++++ 0.2340	0.2126 0.2655	0.2062 0.2581	0.1993	0.2074	Ave		0.226 2				11.8		20.0			
Epichlorohydrin	0.1688 0.2922	0.2806 0.3063	0.2574 0.2977	0.2735	0.2848	Ave		0.270 2				16.1		20.0			
cis-1,3-Dichloropropene	++++ 1.0370	0.9386 1.0944	0.9374 1.0603	0.9837	0.9358	Ave		0.998 2			0.2000	6.6		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 1.4190	1.0915 1.4336	1.0883 1.2740	1.2560	1.3532	Ave		1.273 7			0.0500	11.1		20.0			
Toluene	++++ 2.6706	3.1226 2.6179	2.7515 2.4030	2.7762	2.4987	Ave		2.691 5			0.4000	8.6		20.0			
trans-1,3-Dichloropropene	++++ 0.8374	0.8069 0.8923	0.7615 0.9140	0.7991	0.7601	Ave		0.824 5			0.1000	7.3		20.0			
Ethyl methacrylate	++++ 0.7594	0.6370 0.8185	0.6292 0.7662	0.6816	0.6935	Ave		0.712 2				10.0		20.0			
1,1,2-Trichloroethane	++++ 0.4405	0.4416 0.4536	0.4274 0.4366	0.4577	0.4175	Ave		0.439 3			0.1000	3.2		20.0			
Tetrachloroethene	++++ 0.5452	0.5468 0.5422	0.5532 0.5013	0.5804	0.5095	Ave		0.539 8			0.2000	5.0		20.0			
1,3-Dichloropropane	++++ 0.8712	0.9210 0.8917	0.8780 0.8714	0.8772	0.8237	Ave		0.876 3				3.3		20.0			
2-Hexanone	++++ 2.2118	1.7719 2.3452	1.7628 2.1578	1.8762	2.0672	Ave		2.027 6			0.0500	11.2		20.0			
n-Butyl acetate	++++ 1.1096	1.1829 1.1103	1.0134 0.9923	1.0191	1.0279	Ave		1.065 1				6.6		20.0			
Chlorodibromomethane	++++ 0.4895	0.4509 0.4965	0.4435 0.4833	0.4950	0.4464	Ave		0.472 1			0.1000	5.1		20.0			
Ethylene Dibromide	++++ 0.4331	0.4526 0.4458	0.3983 0.4405	0.4394	0.4154	Ave		0.432 2			0.1000	4.4		20.0			
Chlorobenzene	++++ 1.5321	1.5931 1.5288	1.5373 1.4385	1.5916	1.4494	Ave		1.524 4			0.5000	4.0		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	++++ 0.8849	0.8599 0.8541	0.8843 0.7935	0.8862	0.8333	Ave		0.856 6			0.1000	4.0		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.6397	0.6589 0.6073	0.6528 0.5366	0.6370	0.6028	Ave		0.619 3				6.8		20.0			
m-Xylene & p-Xylene	++++ 1.0683	1.0535 1.0396	1.0315 0.9805	1.0539	1.0271	Ave		1.036 4			0.1000	2.7		20.0			
o-Xylene	++++ 1.1502	0.9971 1.1416	1.0148 1.0528	1.1076	1.0828	Ave		1.078 1			0.3000	5.5		20.0			
n-Butyl acrylate	++++ 0.4825	0.4284 0.4835	0.3864 0.4206	0.4036	0.4349	Ave		0.434 2				8.5		20.0			
Styrene	++++ 1.7073	1.3572 1.6411	1.4153 1.5331	1.5882	1.6264	Ave		1.552 7			0.3000	8.1		20.0			
Bromoform	++++ 0.2896	0.2455 0.3024	0.2708 0.3041	0.2742	0.2796	Ave		0.280 9			0.1000	7.2		20.0			
Amyl acetate (mixed isomers)	++++ 3.1510	1.9477 3.4991	2.1173 3.0746	2.2929	2.4692	QuaF		3.673 4	-0.001191						0.9990		0.9900
Isopropylbenzene	++++ 3.2113	2.5836 3.0455	2.7130 2.6958	3.0794	3.0654	Ave		2.913 4			0.1000	8.3		20.0			
Bromobenzene	++++ 1.2080	1.1510 1.3487	1.0748 1.3176	1.1162	1.0679	Ave		1.183 5				9.5		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.4684	1.2220 1.6186	1.3163 1.4673	1.3547	1.3051	Ave		1.393 2			0.3000	9.6		20.0			
N-Propylbenzene	++++ 8.0059	6.4484 8.2524	6.4060 7.2630	6.8935	6.8844	Ave		7.164 8				10.1		20.0			
1,2,3-Trichloropropane	++++ 0.3556	0.3297 0.3620	0.3441 0.3199	0.3433	0.3178	Ave		0.338 9				5.0		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3751	0.3261 0.4022	0.3196 0.3795	0.3517	0.3301	Ave		0.354 9				8.9		20.0			
2-Chlorotoluene	++++ 5.2213	4.4915 5.4256	4.5265 4.8871	4.8053	4.6232	Ave		4.854 4				7.3		20.0			
4-Ethyltoluene	++++ 5.9440	4.6555 5.8889	4.7476 4.9728	5.3538	5.2816	Ave		5.263 5				9.8		20.0			
1,3,5-Trimethylbenzene	++++ 5.3176	3.7051 5.6026	4.0671 5.1102	4.4894	4.5809	Ave		4.696 1				14.6		20.0			
4-Chlorotoluene	++++ 4.7148	4.1016 4.8088	4.2881 4.5688	4.4305	4.2291	Ave		4.448 8				5.9		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	++++ 1.7901	1.0070 2.0332	1.0612 1.8423	1.2160	1.5183	QuaF		2.098 1	-0.000508						0.9990		0.9900
tert-Butylbenzene	++++ 4.1186	2.8200 4.6812	2.9406 4.4003	3.2543	3.1931	QuaF		4.731 5	-0.000654						0.9990		0.9900
1,2,4-Trimethylbenzene	++++ 5.3643	3.8974 5.6935	4.1151 5.1480	4.6562	4.6913	Ave		4.795 1				13.6		20.0			
sec-Butylbenzene	++++ 7.1243	4.8700 7.7280	5.1285 6.9010	6.0126	5.9593	Ave		6.246 3				16.9		20.0			
1,3-Dichlorobenzene	++++ 2.4135	2.3828 2.5092	2.3587 2.4701	2.2852	2.1756	Ave		2.370 7			0.6000	4.8		20.0			
4-Isopropyltoluene	++++ 5.6714	4.0193 6.0225	4.3286 5.3617	4.8183	4.8639	Ave		5.012 3				14.3		20.0			
1,4-Dichlorobenzene	++++ 2.3457	2.5407 2.4051	2.5167 2.3672	2.3931	2.1488	Ave		2.388 2			0.5000	5.4		20.0			
1,2,3-Trimethylbenzene	++++ 5.6614	4.5846 5.8487	4.7529 4.9690	5.0609	5.0326	Ave		5.130 0				9.0		20.0			
Benzyl chloride	++++ 2.4958	1.9899 2.7046	1.9283 2.5225	2.1261	2.1557	Ave		2.274 7				13.1		20.0			
Indan	++++ 5.0309	4.1232 5.1720	4.2633 4.4180	4.5695	4.4679	Ave		4.577 8				8.5		20.0			
p-Diethylbenzene	++++ 2.9256	2.4476 3.0122	2.5630 2.6696	2.6551	2.5903	Ave		2.694 8				7.5		20.0			
n-Butylbenzene	++++ 3.3091	2.7387 3.3606	2.7707 3.0614	3.0860	3.0004	Ave		3.046 7				7.8		20.0			
1,2-Dichlorobenzene	++++ 2.3658	2.6127 2.4353	2.4670 2.3052	2.4509	2.2299	Ave		2.409 5			0.4000	5.1		20.0			
1,2,4,5-Tetramethylbenzene	++++ 5.3697	3.6372 6.0209	3.7710 5.2768	4.2231	4.3637	Ave		4.666 1				19.3		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2491	0.1780 0.2805	0.2071 0.2728	0.2287	0.2176	Ave		0.233 4			0.0500	15.7		20.0			
1,3,5-Trichlorobenzene	++++ 2.1530	2.1493 2.2288	1.9914 1.9655	2.0364	1.9224	Ave		2.063 8				5.5		20.0			
1,2,4-Trichlorobenzene	++++ 2.0089	2.0356 2.1552	1.9975 2.0707	1.8991	1.7813	Ave		1.992 6			0.2000	6.1		20.0			
Hexachlorobutadiene	++++ 0.7890	0.7149 0.8905	0.6774 0.8526	0.7027	0.6310	Ave		0.751 2				12.7		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: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	++++ 4.6481	3.9782 4.9971	4.0009 4.5508	3.9956	4.0347	Ave		4.315 1				9.6		20.0			
1,2,3-Trichlorobenzene	++++ 1.8591	1.7960 1.9978	1.8343 1.8518	1.7481	1.6630	Ave		1.821 4				5.7		20.0			
Dibromofluoromethane (Surr)	0.2530 0.2444	0.2501 0.2290	0.2537 0.2159	0.2539	0.2581	Ave		0.244 8				6.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3176 0.3190	0.3170 0.3220	0.3221 0.3380	0.3243	0.3287	Ave		0.323 6				2.1		20.0			
Toluene-d8 (Surr)	1.3724 1.3764	1.3916 1.2917	1.3725 1.2099	1.4063	1.3821	Ave		1.350 4				4.9		20.0			
4-Bromofluorobenzene	0.3524 0.3296	0.3602 0.3196	0.3490 0.3217	0.3616	0.3559	Ave		0.343 8				5.0		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  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-822855/3	TT49274.D
Level 2	STD05 460-822855/4	TT49275.D
Level 3	STD1 460-822855/5	TT49276.D
Level 4	STD5 460-822855/6	TT49277.D
Level 5	STD20 460-822855/7	TT49278.D
Level 6	STD50 460-822855/8	TT49279.D
Level 7	STD200 460-822855/9	TT49280.D
Level 8	STD500 460-822855/10	TT49281.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 83835	637 ++++	1180 ++++	7993	32229	++++ 50.0	0.500 ++++	1.00 ++++	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 362651	3217 1637732	6309 3890479	36292	137979	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 62691	817 261213	1352 605128	6601	24506	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 517643	4768 2037392	9797 4791578	51384	192552	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	2237 438403	4463 1688677	8490 3810460	44704	161399	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 462598	5028 1754003	8896 3958330	47349	174596	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 252471	2993 956995	5110 2259090	25680	98635	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	Ave	++++ 256059	3331 946349	5375 ++++	26096	96562	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 628383	6796 2267466	13079 5272447	63861	242591	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	++++ 415253	3962 1518586	7731 3541565	41969	156397	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	++++ 88430	687 334026	1678 746740	9390	35377	++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd 9	Ave	++++ 21946	++++ 73769	484 236904	2733	6352	++++ 2000	++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	++++	1589	2765	14597	55475	++++	0.500	1.00	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			141456	542924	1347831			50.0	200	500		
2-Methyl-1,3-butadiene	FB	Ave	++++ 283813	3082 1052185	5386 2369581	28772	110568	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 215076	1904 756272	4251 1824175	22641	82877	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 398769	4068 1396100	7743 3428140	41893	155805	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	++++ 56948	1342 108096	2271 216980	12419	18455	++++ 101	2.03 203	4.06 406	20.3	40.6
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 248877	2105 916479	4334 2203761	26794	99193	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	++++ 238326	2902 870190	4990 2142048	25014	92455	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Lin2	++++ 382039	6049 1622984	9501 4324303	40832	128246	++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	++++ 392976	4077 1461302	7637 3621131	39802	154473	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Ave	++++ 67672	848 256142	1131 677818	7594	16513	++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	++++ 1076171	12617 3939262	22296 9518454	111057	419247	++++ 50.0	0.500 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	++++ 170422	1736 632310	3340 1596572	16981	68622	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	++++ 696505	7049 2487719	12903 5637472	72087	269388	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	++++ 436537	3942 1678420	9124 4212826	42105	181201	++++ 100	1.00 400	2.00 1000	10.0	40.0
Acetonitrile	BUT	Ave	++++ 356970	4656 1224625	7567 ++++	36423	117793	++++ 500	5.00 2000	10.0 ++++	50.0	200
Methylene Chloride	FB	Ave	++++ 296068	3307 1078352	6310 2698813	30782	120650	++++ 50.0	0.500 200	1.00 500	5.00	20.0



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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-2-propanol	TBAd 9	Ave	++++ 182915	2114 663326	3680 2067700	19777	61069	++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	++++ 707092	7479 2688663	14324 6676719	71024	285317	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	++++ 261268	3178 946029	5518 2332428	27729	103731	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	4214 1043476	10827 3945993	19274 9694091	106087	411241	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	++++ 407967	3699 1524328	6801 3723086	41010	162190	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	++++ 1158172	12068 4250875	22843 9918166	117285	457912	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 551514	6050 2008932	11386 4910539	57758	217693	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	++++ 79024	817 342099	1608 865058	7759	30905	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 235220	2272 842967	4780 1917569	23410	93191	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	++++ 898536	9023 3370868	17143 8046082	89239	352031	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	++++ 89254	910 344352	1846 866852	9180	34798	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	++++ 284544	3278 1076520	5429 2672528	29353	111945	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Ave	++++ 43337	431 170149	858 421090	4104	15476	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Butanone (MEK)	BUT	Ave	++++ 107809	1279 449747	2489 1219154	10671	39815	++++ 250	2.50 1000	5.00 2500	25.0	100
Methyl acrylate	FB	Ave	++++ 194155	2194 795725	3909 2020776	17834	69507	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	++++ 338434	3289 1299965	6507 3306804	33485	123169	++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	++++ 124301	1354 473405	2473 1192855	12411	49021	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrahydrofuran	BUT	Ave	++++ 53353	604 219513	1090 572268	5090	20925	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	++++ 910582	8794 3456042	17126 8265823	87123	336925	++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	++++ 459855	4872 1640704	9654 3999294	47642	180120	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 387280	3697 1483342	6912 3696632	40950	154238	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	++++ 378852	3882 1411478	7275 3530680	39313	148405	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 305627	3126 1172224	5400 3000432	30899	117496	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	++++ 360928	3635 1414435	6923 3632709	35969	133645	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 385222	3583 1510704	6670 4345787	36667	133582	++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	++++ 1095015	8712 4271402	16722 9961298	107153	422828	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	++++ 1040668	11067 3989055	20963 9889889	104857	391553	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	++++ 819088	7632 3055101	15275 7328169	80413	317023	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	++++ 132281	1384 512349	2532 1270364	12099	49966	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 325559	4021 1256142	6989 3240945	33413	123907	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 60230	519 228246	966 581477	6351	23744	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Ave	++++ 76318	797 309709	1272 ++++	6452	23548	++++ 1250	12.5 5000	25.0 ++++	125	500
Trichloroethene	FB	Ave	++++ 240115	2520 979185	4690 2574891	23136	85496	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	++++	3762	7328	45512	175901	++++	0.500	1.00	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			450142	1764382	4364043			50.0	200	500		
Ethyl acrylate	FB	QuaF	++++ 30401	188 120971	365 303957	2757	11168	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	++++ 285228	2814 1125714	5402 2928950	27237	104589	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 88529	759 374308	1573 957225	7683	31844	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	QuaF	++++ 20204	281 68095	986 ++++	2211	6843	++++ 1000	25.0 4000	50.0 ++++	100	400
Dibromomethane	FB	Ave	++++ 137480	1486 548537	2676 1438255	13269	50229	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	++++ 328502	2852 1360818	5793 3489020	29534	116576	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	++++ 313323	3095 1307582	5628 3538741	29274	111031	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	++++ 104663	2211 472307	2460 1272397	9604	36291	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 132891	1270 576093	2287 1534243	11189	46502	++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1087 404216	3870 1727069	6761 4741220	35804	147454	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 377362	3258 1617764	6107 4405783	32474	131736	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 490711	3764 2020654	7146 5072020	41101	175139	++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	++++ 971886	10839 3869767	17925 9984886	91646	351751	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 304724	2801 1318934	4961 3797662	26379	106997	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 276365	2211 1209880	4099 3183740	22500	97631	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 160313	1533 670545	2784 1814145	15110	58768	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	++++ 198418	1898 801488	3604 2083022	19161	71720	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 317050	3197 1318078	5720 3620779	28956	115953	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 764876	6110 3305632	11575 8590333	61394	267551	++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	Ave	++++ 403787	4106 1641238	6602 4123046	33641	144692	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 178145	1565 733911	2889 2008039	16339	62834	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 157628	1571 659000	2595 1830185	14506	58472	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	++++ 557543	5530 2259844	10015 5977291	52542	204029	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 322018	2985 1262572	5761 3297195	29254	117305	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 232787	2287 897727	4253 2229490	21028	84854	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 388773	3657 1536757	6720 4074370	34790	144579	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 418566	3461 1687516	6611 4374517	36563	152421	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butyl acrylate	CBNZ d5	Ave	+++++	1487	2517	13322	61215	+++++	0.500	1.00	5.00	20.0
			175598	714655	1747623			50.0	200	500		
Styrene	CBNZ d5	Ave	+++++	4711	9220	52427	228954	+++++	0.500	1.00	5.00	20.0
			621327	2425904	6370498			50.0	200	500		
Bromoform	CBNZ d5	Ave	+++++	852	1764	9051	39353	+++++	0.500	1.00	5.00	20.0
			105399	446954	1263485			50.0	200	500		
Amyl acetate (mixed isomers)	DCBd 4	QuaF	+++++	3787	7586	41897	188814	+++++	0.500	1.00	5.00	20.0
			554732	2234512	5537869			50.0	200	500		
Isopropylbenzene	CBNZ d5	Ave	+++++	8968	17674	101654	431523	+++++	0.500	1.00	5.00	20.0
			1168642	4501931	11201716			50.0	200	500		
Bromobenzene	DCBd 4	Ave	+++++	2238	3851	20395	81662	+++++	0.500	1.00	5.00	20.0
			212663	861271	2373258			50.0	200	500		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	2376	4716	24753	99797	+++++	0.500	1.00	5.00	20.0
			258509	1033644	2642886			50.0	200	500		
N-Propylbenzene	DCBd 4	Ave	+++++	12538	22952	125961	526441	+++++	0.500	1.00	5.00	20.0
			1409423	5269970	13081816			50.0	200	500		
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	641	1233	6273	24304	+++++	0.500	1.00	5.00	20.0
			62606	231175	576257			50.0	200	500		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	634	1145	6426	25246	+++++	0.500	1.00	5.00	20.0
			66039	256825	683508			50.0	200	500		
2-Chlorotoluene	DCBd 4	Ave	+++++	8733	16218	87804	353533	+++++	0.500	1.00	5.00	20.0
			919199	3464792	8802451			50.0	200	500		
4-Ethyltoluene	DCBd 4	Ave	+++++	9052	17010	97826	403878	+++++	0.500	1.00	5.00	20.0
			1046442	3760632	8956839			50.0	200	500		

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 936162	7204 3577793	14572 9204206	82031	350294	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 830042	7975 3070859	15364 8229121	80956	323396	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 315152	1958 1298386	3802 3318272	22220	116103	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	QuaF	++++ 725079	5483 2989399	10536 7925591	59464	244171	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 944377	7578 3635832	14744 9272362	85079	358738	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 1254226	9469 4935101	18375 12429720	109864	455705	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 424890	4633 1602394	8451 4448989	41756	166365	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 998443	7815 3845975	15509 9657273	88042	371941	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 412958	4940 1535862	9017 4263770	43727	164314	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 996691	8914 3734945	17029 8949954	92475	384838	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 439390	3869 1727174	6909 4543502	38848	164844	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 885680	8017 3302792	15275 7957509	83495	341660	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
p-Diethylbenzene	DCBd 4	Ave	++++ 515057	4759 1923554	9183 4808296	48515	198077	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 582567	5325 2146077	9927 5514161	56388	229435	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 416505	5080 1555161	8839 4152053	44783	170516	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 945332	7072 3844922	13511 9504348	77166	333691	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 43852	346 179135	742 491308	4178	16639	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 379036	4179 1423317	7135 3540116	37209	147004	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 353662	3958 1376317	7157 3729603	34701	136218	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 138908	1390 568655	2427 1535712	12840	48252	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	++++ 818299	7735 3191151	14335 8196767	73008	308529	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 327296	3492 1275770	6572 3335323	31941	127172	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	142252 138485	149032 123904	140406 128015	142168	144296	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	178558 180768	188869 174224	178203 200377	181623	183820	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	453215	483032	447074	464219	486405	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			500891	477366	502757			50.0	50.0	50.0		
4-Bromofluorobenzene	CBNZ d5	Ave	116388	125017	113680	119363	125243	50.0	50.0	50.0	50.0	50.0
			119964	118118	133689			50.0	50.0	50.0		

Curve Type Legend

Ave = Average ISTD  
Lin2 = Linear 1/conc^2 ISTD  
QuaF = Quadratic ISTD forced zero



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-250372-1 Analy Batch No.: 822855

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/11/2022 23:00 Calibration End Date: 01/12/2022 01:26 Calibration ID: 88638

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-822855/3	TT49274.D
Level 2	STD05 460-822855/4	TT49275.D
Level 3	STD1 460-822855/5	TT49276.D
Level 4	STD5 460-822855/6	TT49277.D
Level 5	STD20 460-822855/7	TT49278.D
Level 6	STD50 460-822855/8	TT49279.D
Level 7	STD200 460-822855/9	TT49280.D
Level 8	STD500 460-822855/10	TT49281.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Acetone	+++++	-1.1						30				

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D  
 Lims ID: STD8  
 Client ID:  
 Sample Type: IC Calib Level: 8  
 Inject. Date: 11-Jan-2022 23:00:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD8  
 Misc. Info.: 460-0140108-003  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:36:58 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 11-Jan-2022 23:51:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.507	1.507	0.000	93	2237	0.2500	0.2640	
* 31 TBA-d9 (IS)	66	2.732	2.744	-0.012	97	35501	1000.0	1000.0	M
35 Acrylonitrile	53	2.982	2.976	0.006	87	4214	2.00	2.07	
* 42 2-Butanone-d5	46	3.707	3.701	0.006	98	321967	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.158	4.153	0.005	95	142252	50.0	51.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.488	4.482	0.006	95	178558	50.0	49.1	
* 66 Fluorobenzene	96	4.744	4.738	0.006	97	562193	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.414	5.421	-0.007	93	19569	1000.0	1000.0	
80 Epichlorohydrin	57	6.061	6.061	0.000	28	1087	5.00	3.12	
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	98	453215	50.0	50.8	
* 94 Chlorobenzene-d5	117	8.091	8.085	0.006	91	330233	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.596	9.597	-0.001	0	116388	50.0	51.3	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.792	-0.001	98	184331	50.0	50.0	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

**Reagents:**

8260MIX1COMB_00149	Amount Added: 0.00	Units: uL	
524freon_00047	Amount Added: 0.00	Units: uL	
ACROLEIN W_00135	Amount Added: 0.00	Units: uL	
GAS Hi_00405	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00094	Amount Added: 20.00	Units: uL	
Ethanol mix_00060	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00119	Amount Added: 0.00	Units: uL	
MIX I Hi_00146	Amount Added: 0.00	Units: uL	
8FreonHi_00040	Amount Added: 0.00	Units: uL	
14DIOXINTER_00137	Amount Added: 0.00	Units: uL	
GASES Li_00458	Amount Added: 2.50	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

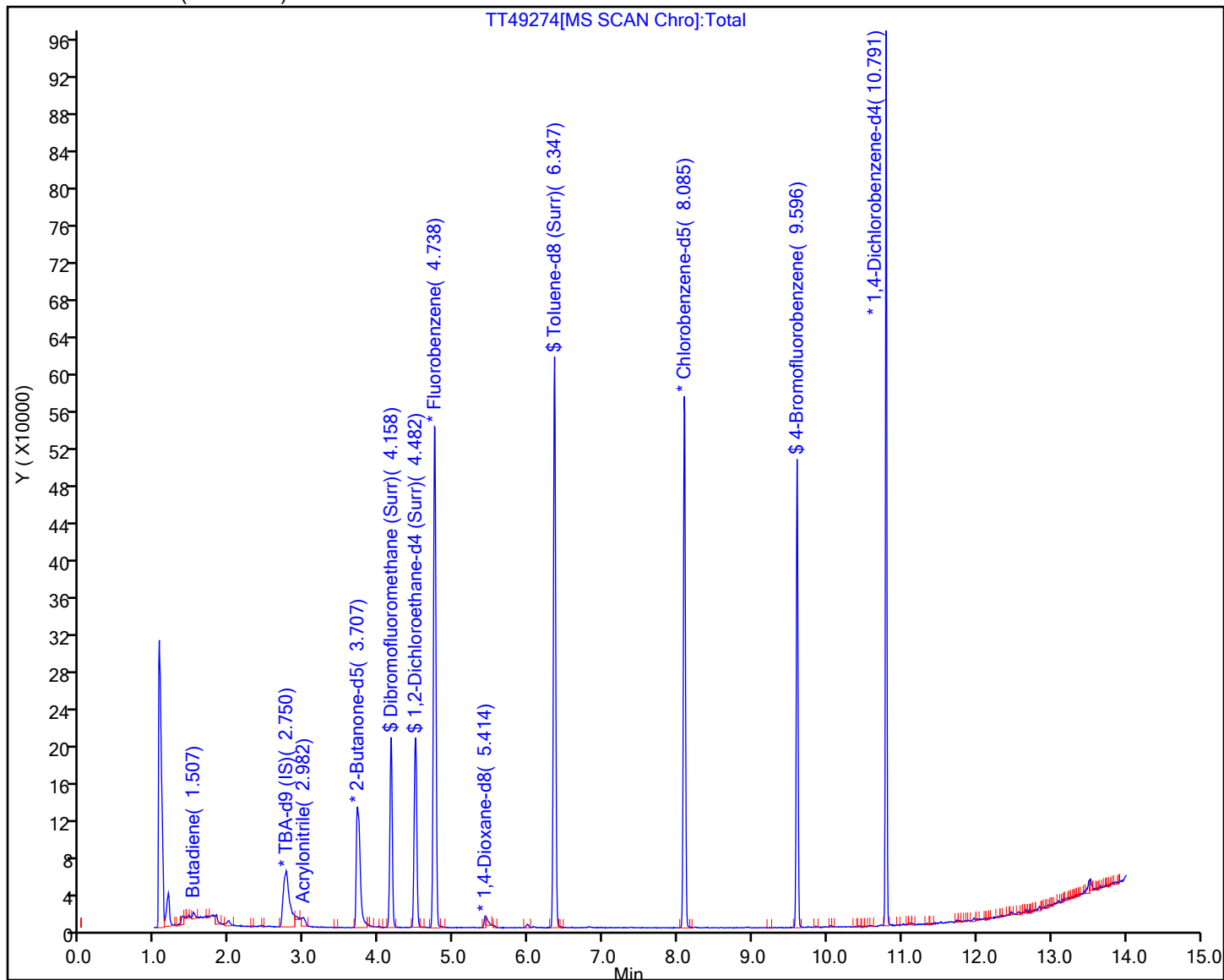
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

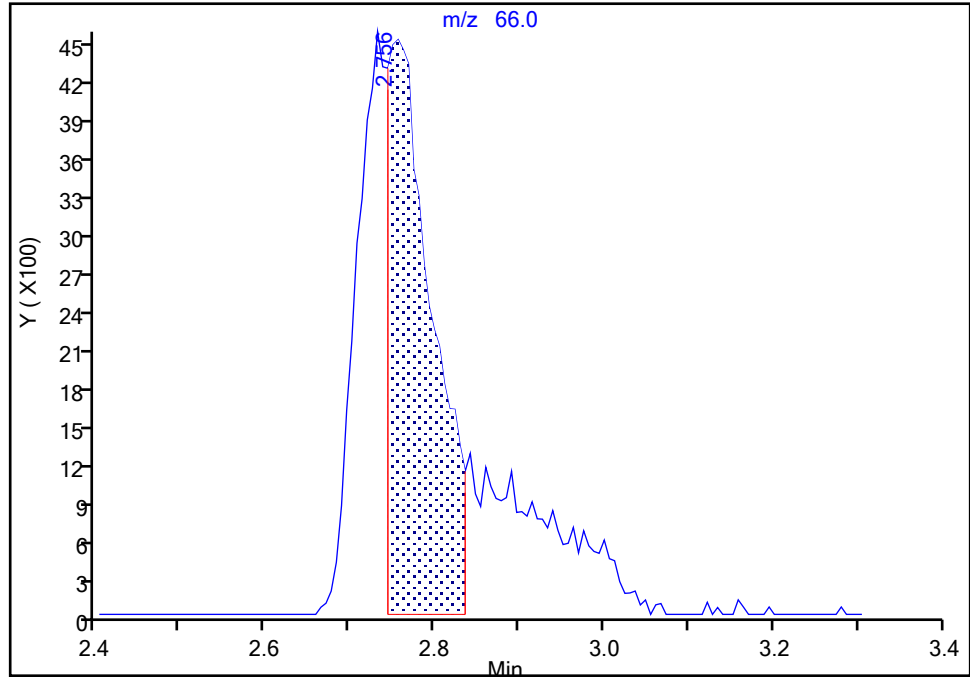
Detector: MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

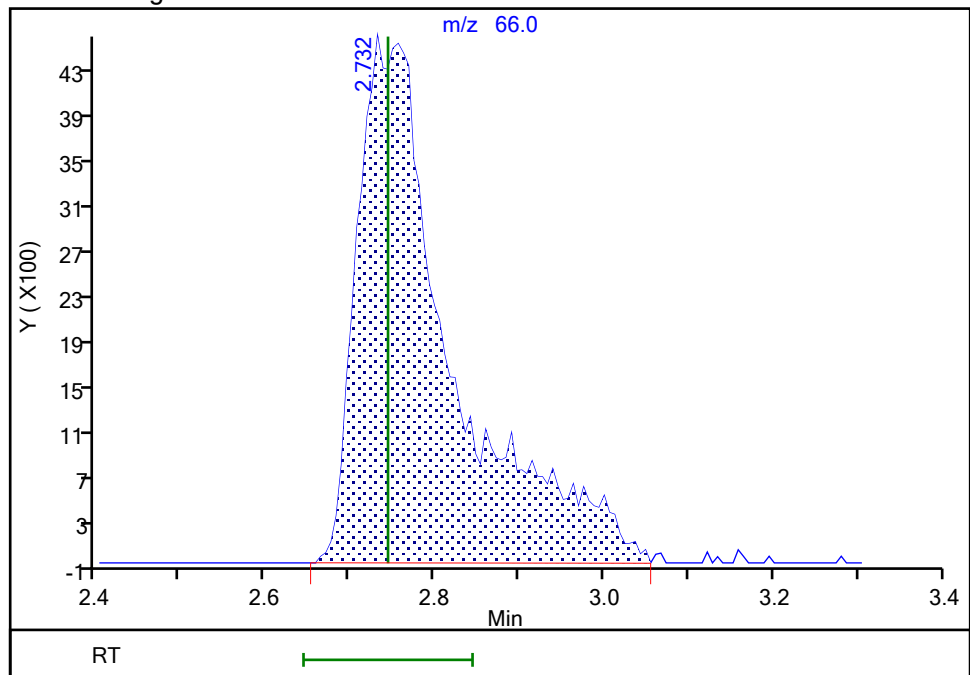
RT: 2.76  
Area: 16754  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.73  
Area: 35501  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:33:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

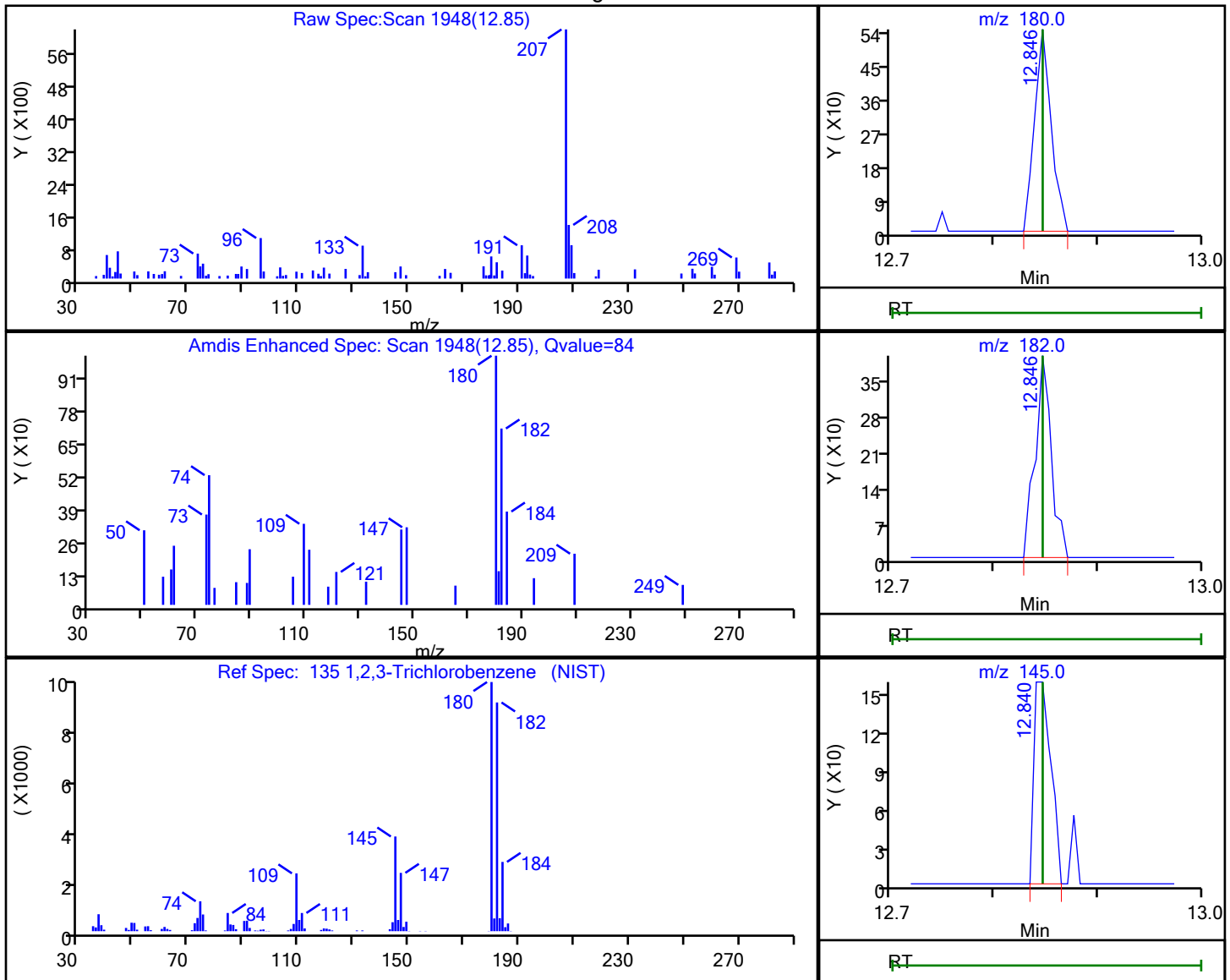
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 135 1,2,3-Trichlorobenzene, CAS: 87-61-6

## Processing Results



RT	Mass	Response	Amount
12.85	180.00	608	0.090545
12.85	182.00	435	
12.84	145.00	178	

Reviewer: baronm, 12-Jan-2022 17:57:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

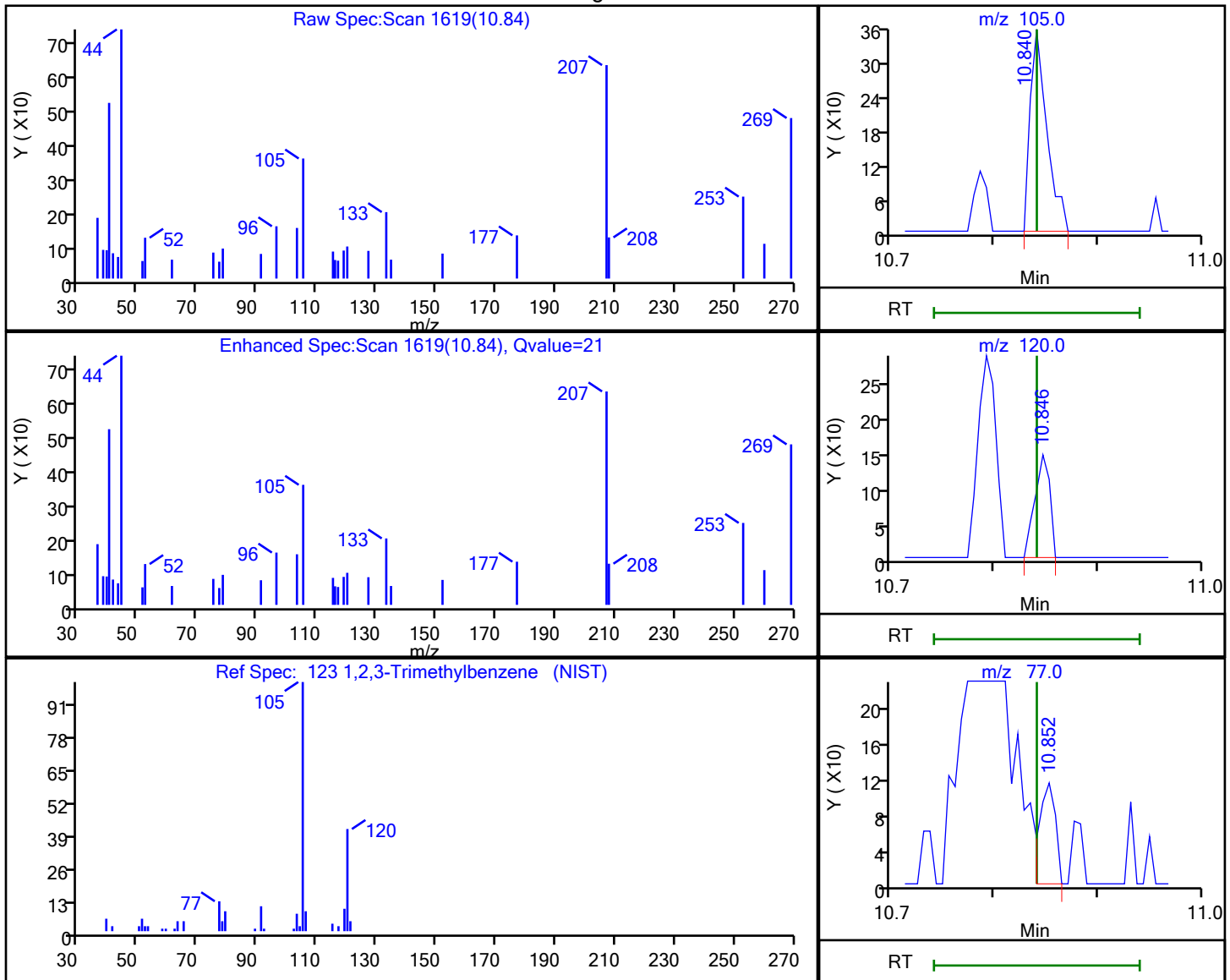
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 123 1,2,3-Trimethylbenzene, CAS: 526-73-8

## Processing Results



RT	Mass	Response	Amount
10.84	105.00	402	0.021256
10.85	120.00	147	
10.85	77.00	120	

Reviewer: baronm, 12-Jan-2022 17:56:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

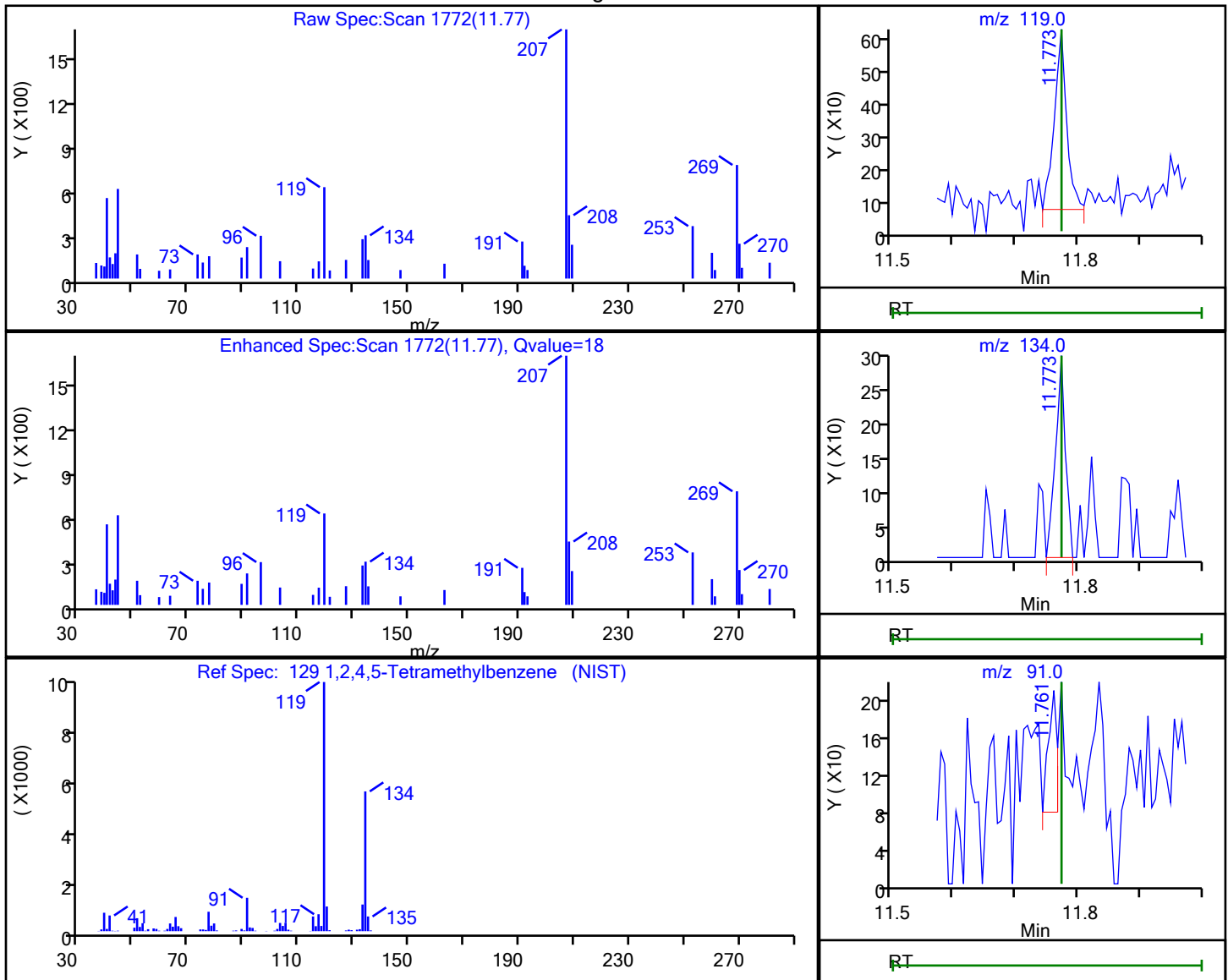
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

## Processing Results



RT	Mass	Response	Amount
11.77	119.00	773	0.044937
11.77	134.00	330	
11.76	91.00	126	

Reviewer: baronm, 12-Jan-2022 17:56:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

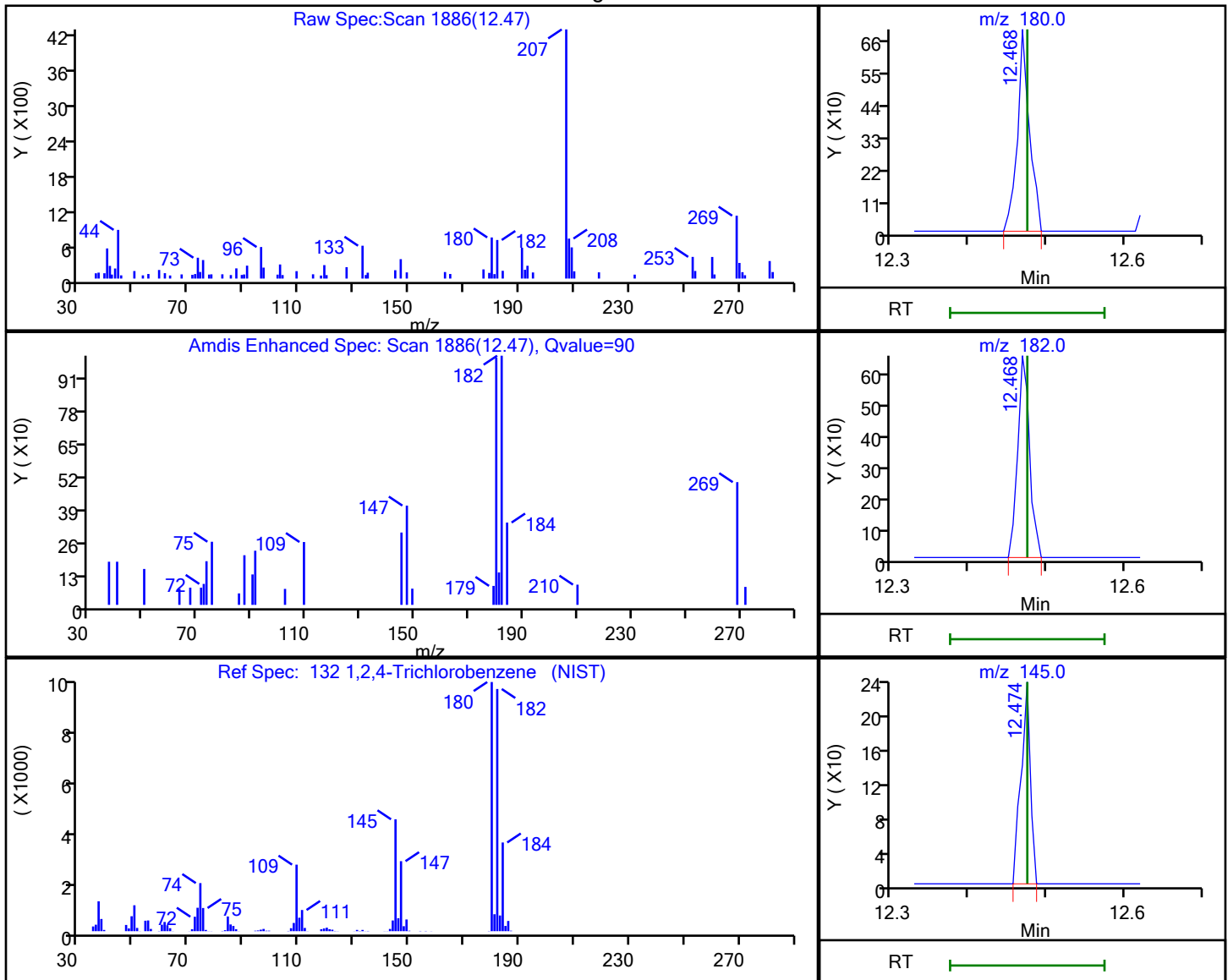
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 132 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



RT	Mass	Response	Amount
12.47	180.00	753	0.102504
12.47	182.00	696	
12.47	145.00	202	

Reviewer: baronm, 12-Jan-2022 17:56:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

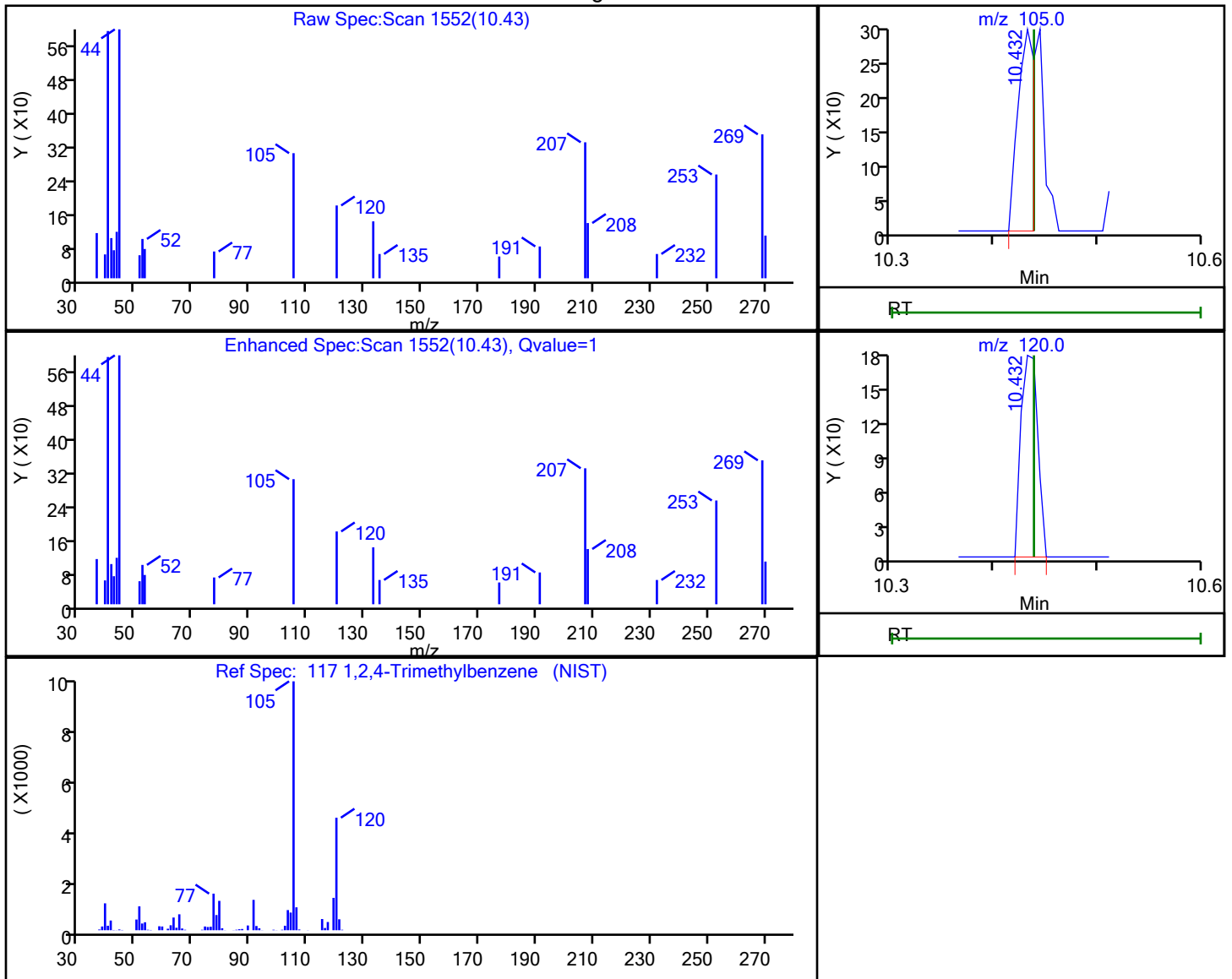
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 117 1,2,4-Trimethylbenzene, CAS: 95-63-6

## Processing Results



RT	Mass	Response	Amount
10.43	105.00	338	0.019120
10.43	120.00	198	

Reviewer: baronm, 12-Jan-2022 17:56:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

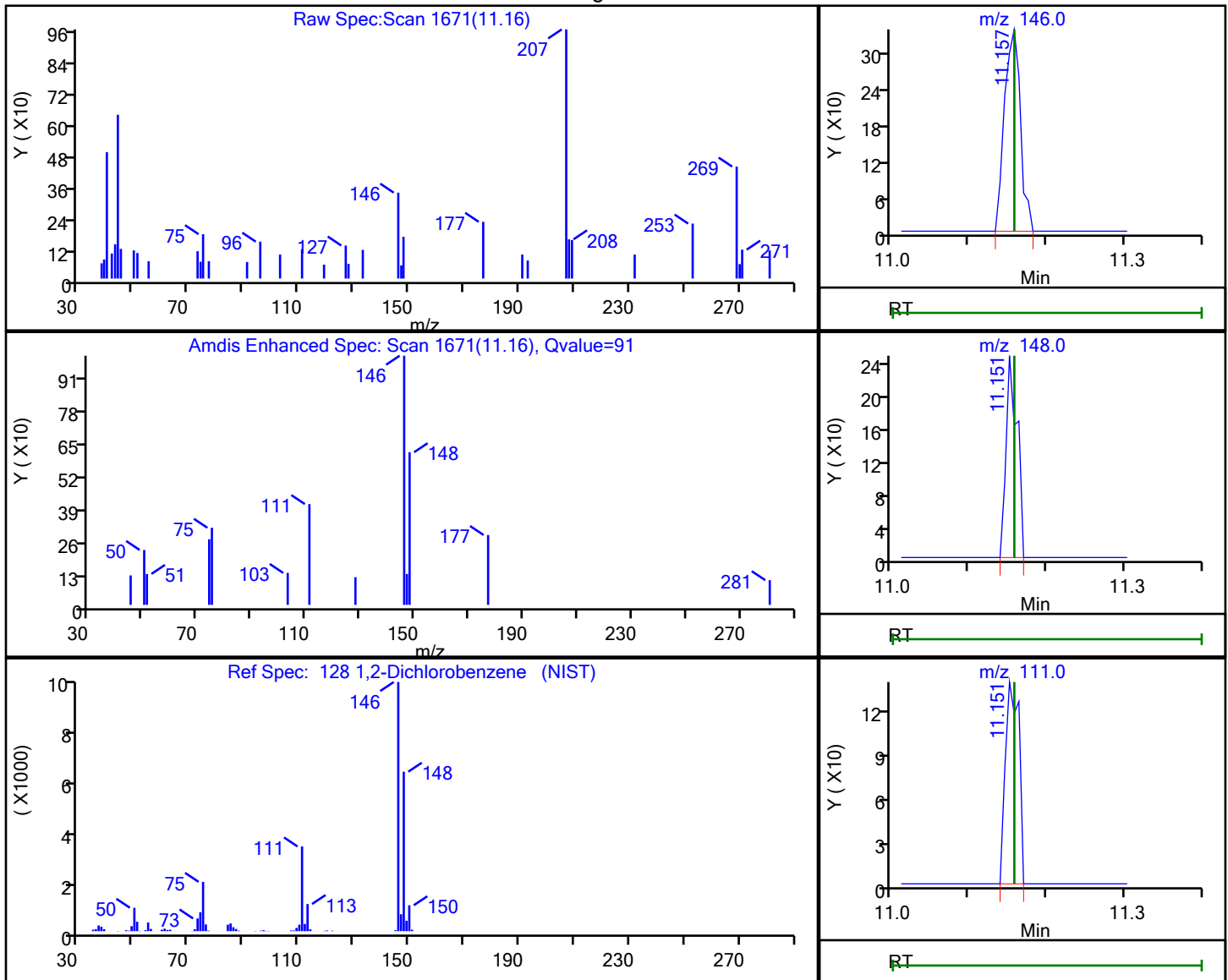
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

## 128 1,2-Dichlorobenzene, CAS: 95-50-1

## Processing Results



RT	Mass	Response	Amount
11.16	146.00	476	0.053585
11.15	148.00	245	
11.15	111.00	164	

Reviewer: baronm, 12-Jan-2022 17:56:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

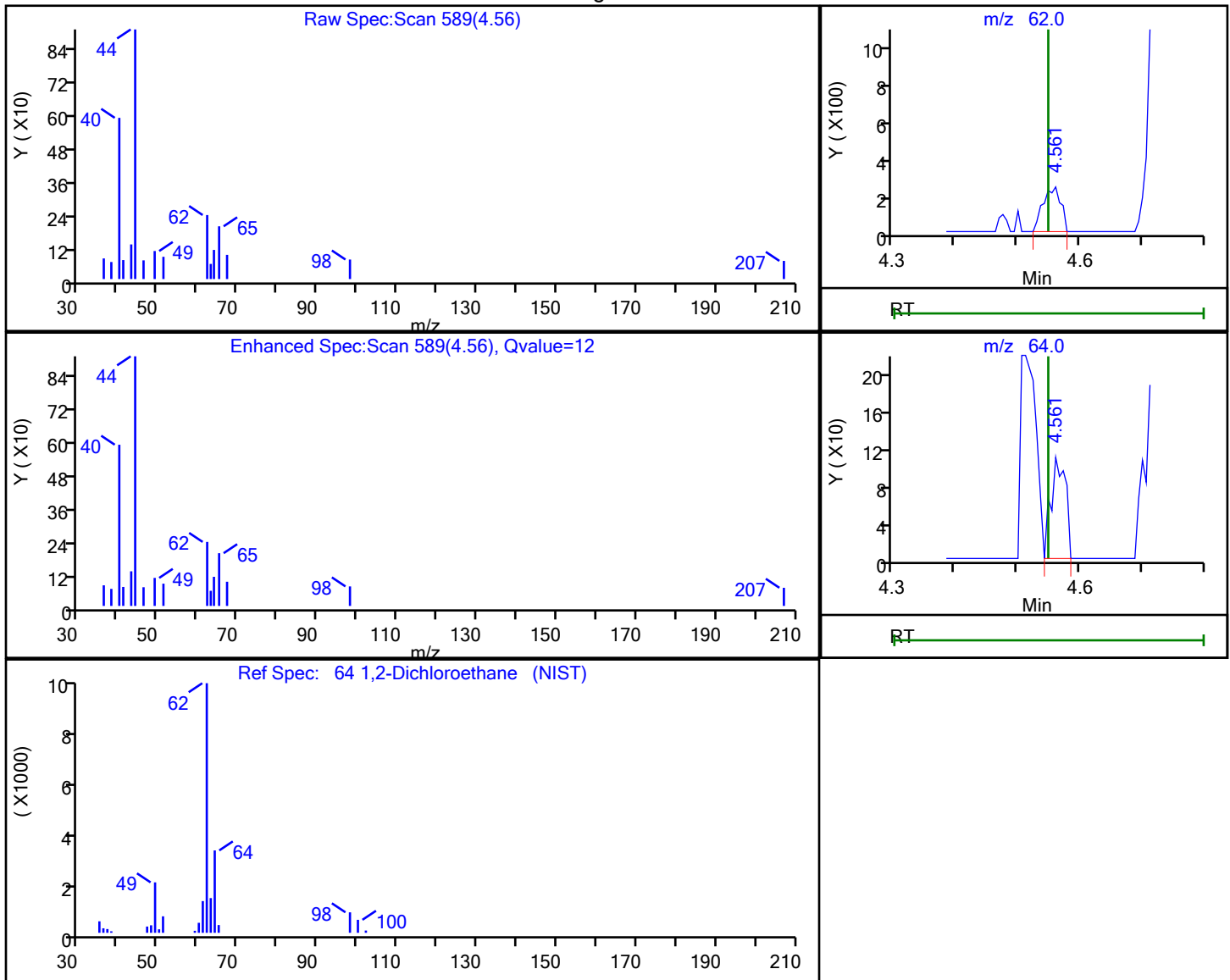
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 64 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



RT	Mass	Response	Amount
4.56	62.00	465	0.069614
4.56	64.00	173	

Reviewer: baronm, 12-Jan-2022 17:56:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

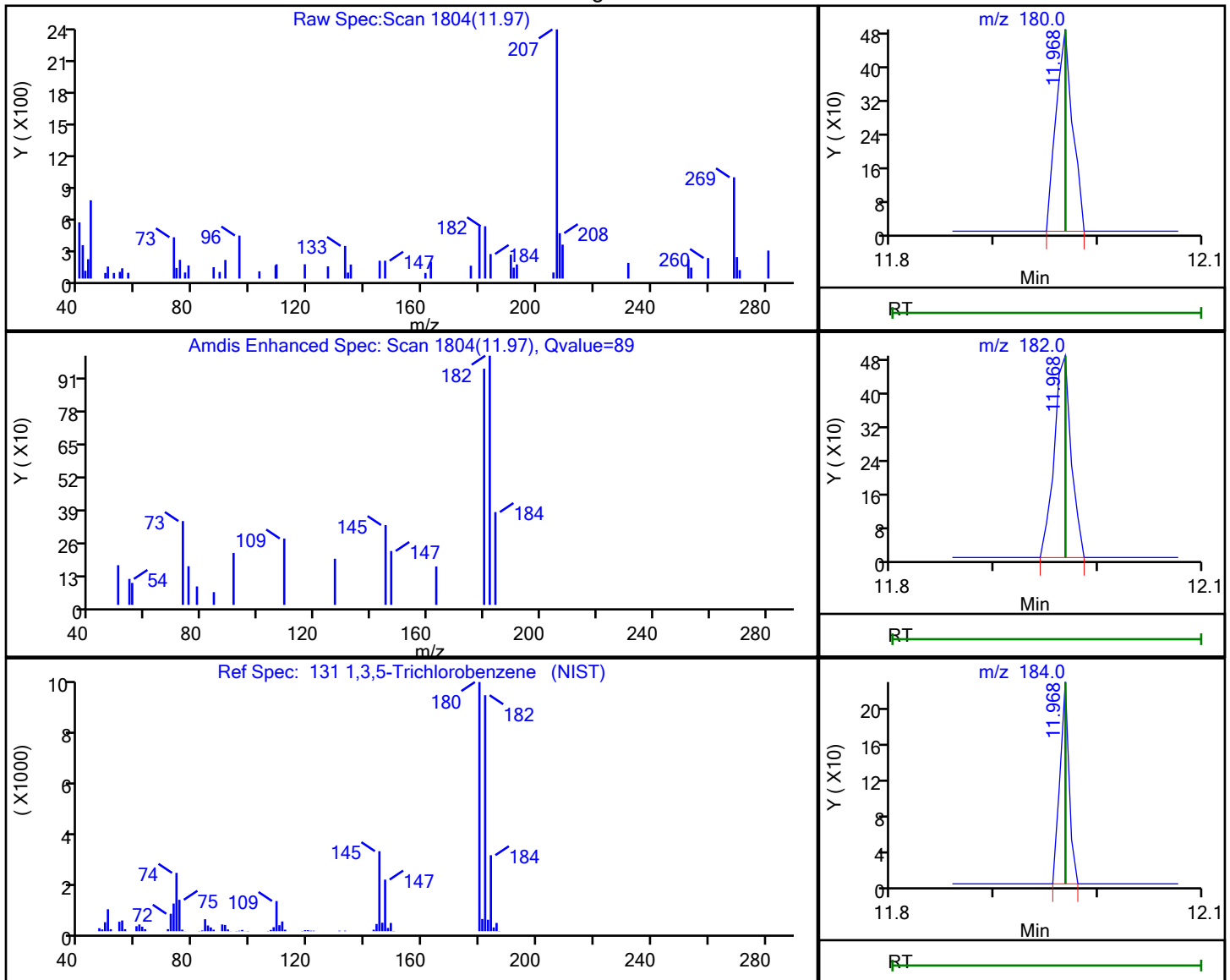
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 131 1,3,5-Trichlorobenzene, CAS: 108-70-3

## Processing Results



RT	Mass	Response	Amount
11.97	180.00	534	0.070184
11.97	182.00	555	
11.97	184.00	139	

Reviewer: baronm, 12-Jan-2022 17:56:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

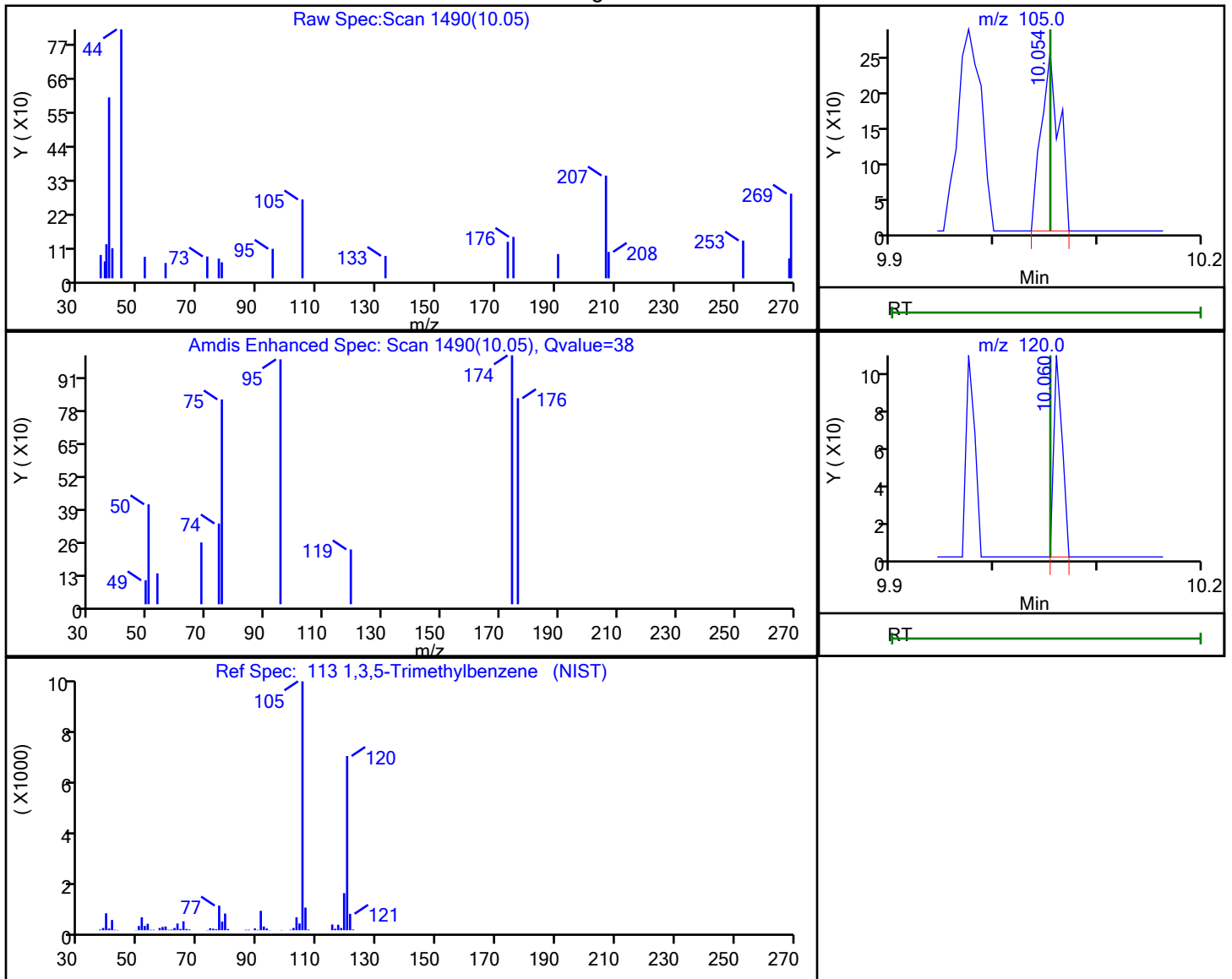
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 113 1,3,5-Trimethylbenzene, CAS: 108-67-8

## Processing Results



RT	Mass	Response	Amount
10.05	105.00	311	0.017964
10.06	120.00	60	

Reviewer: baronm, 12-Jan-2022 17:56:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

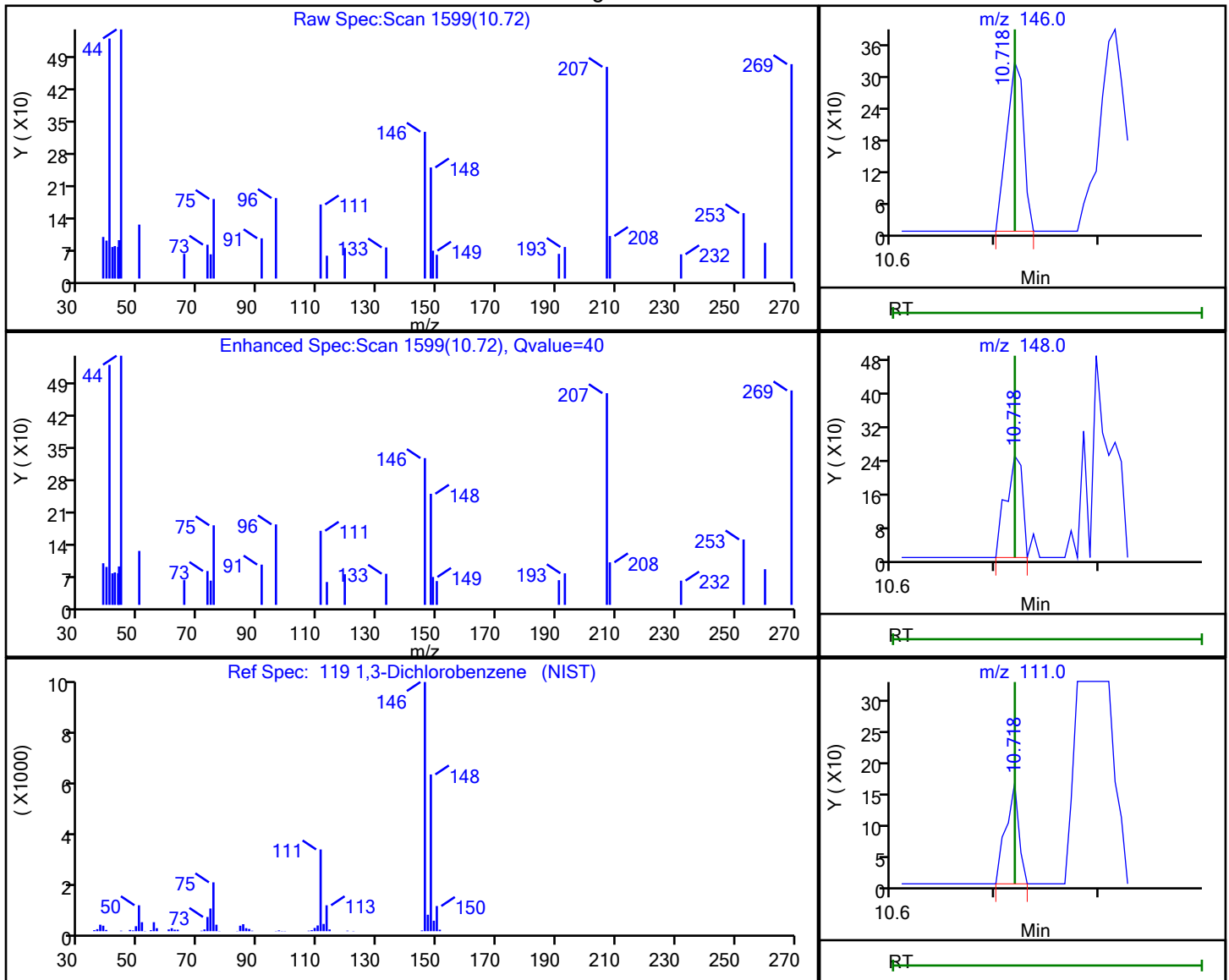
Column: DB-624 (0.18 mm)

Detector

MS Quad

## 119 1,3-Dichlorobenzene, CAS: 541-73-1

## Processing Results



RT	Mass	Response	Amount
10.72	146.00	364	0.041648
10.72	148.00	269	
10.72	111.00	141	

Reviewer: baronm, 12-Jan-2022 17:56:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

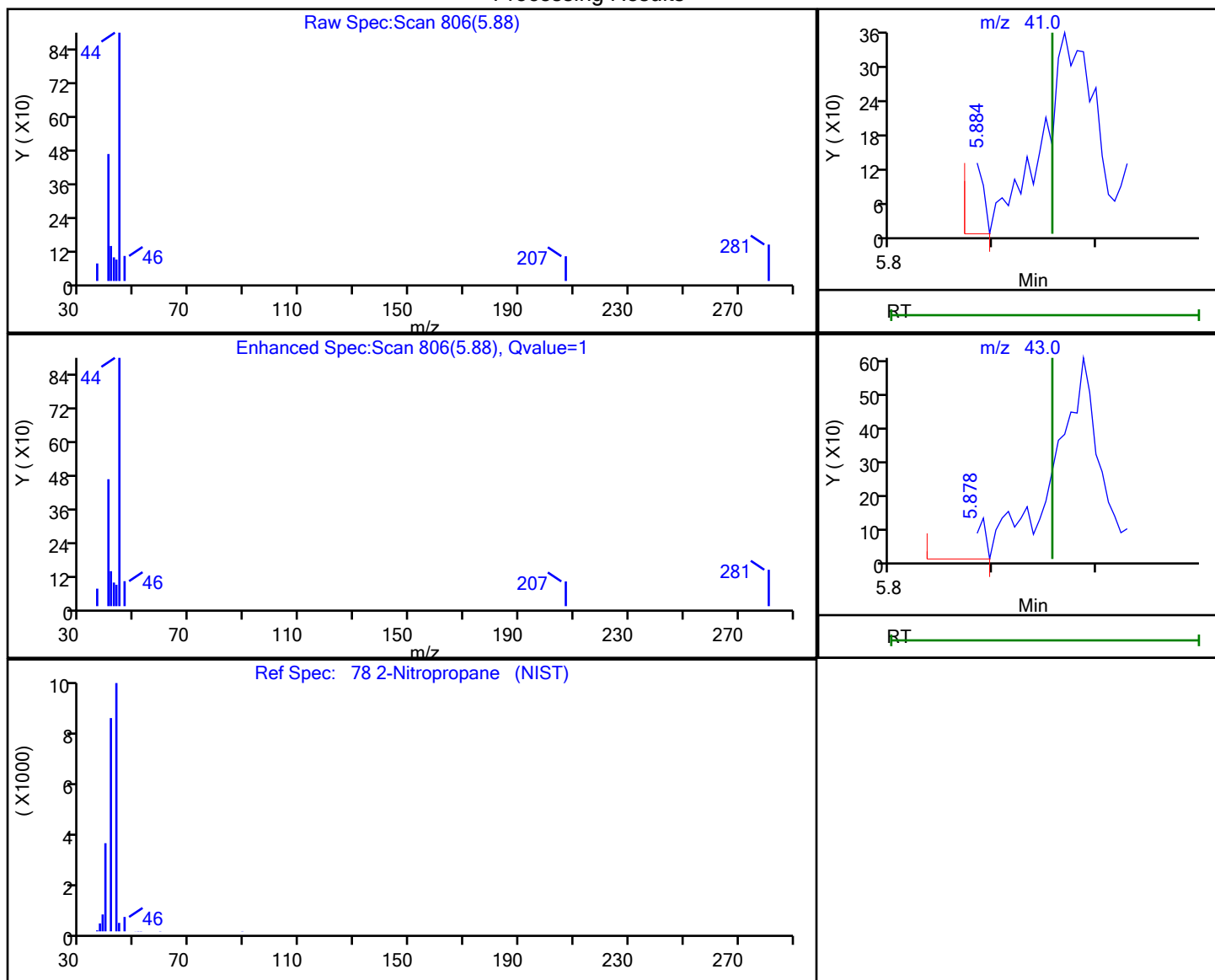
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 78 2-Nitropropane, CAS: 79-46-9

## Processing Results



RT	Mass	Response	Amount
5.88	41.00	142	0.117819
5.88	43.00	354	

Reviewer: baronm, 12-Jan-2022 17:56:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

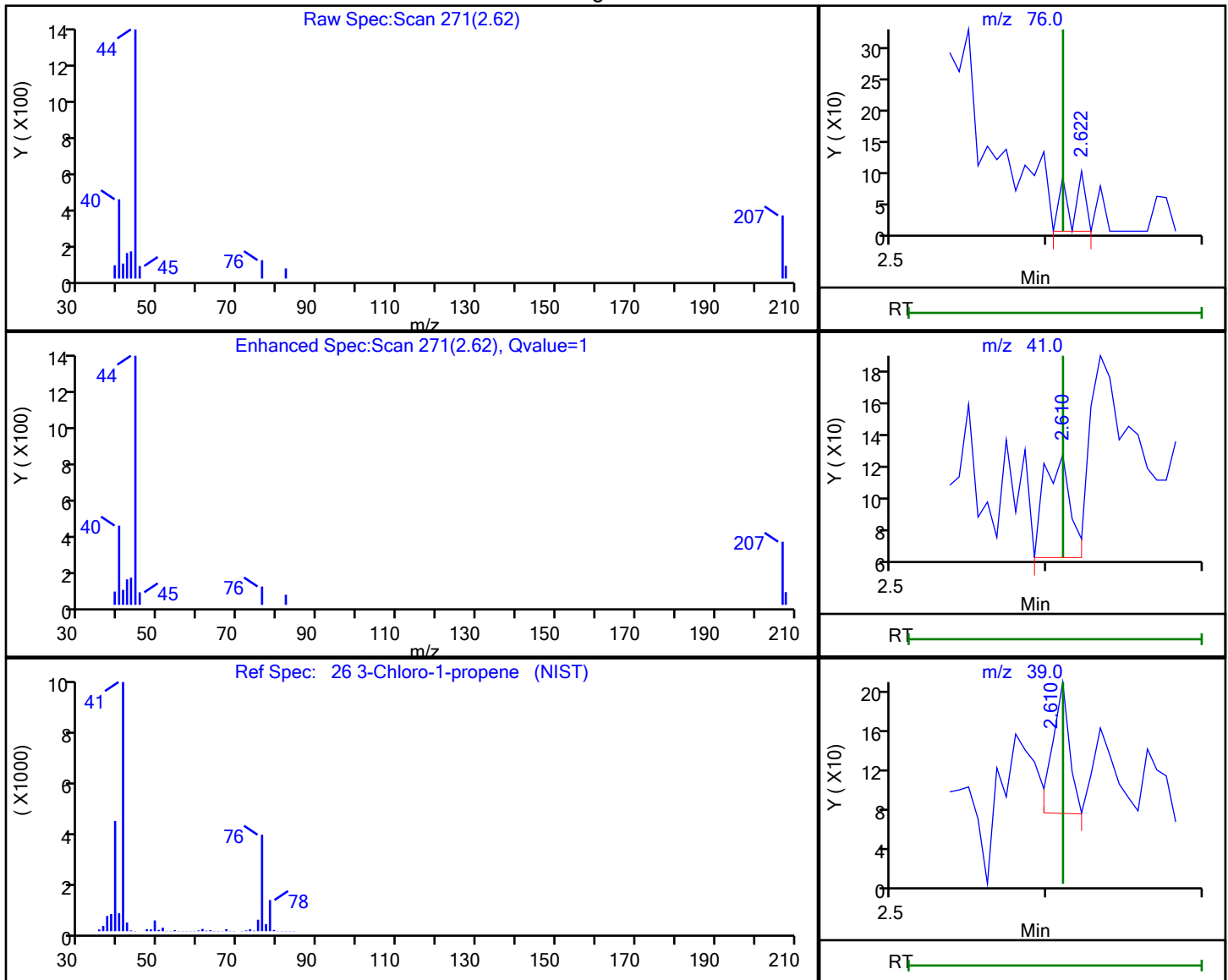
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



RT	Mass	Response	Amount
2.62	76.00	68	0.020497
2.61	41.00	71	
2.61	39.00	99	

Reviewer: baronm, 12-Jan-2022 17:55:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

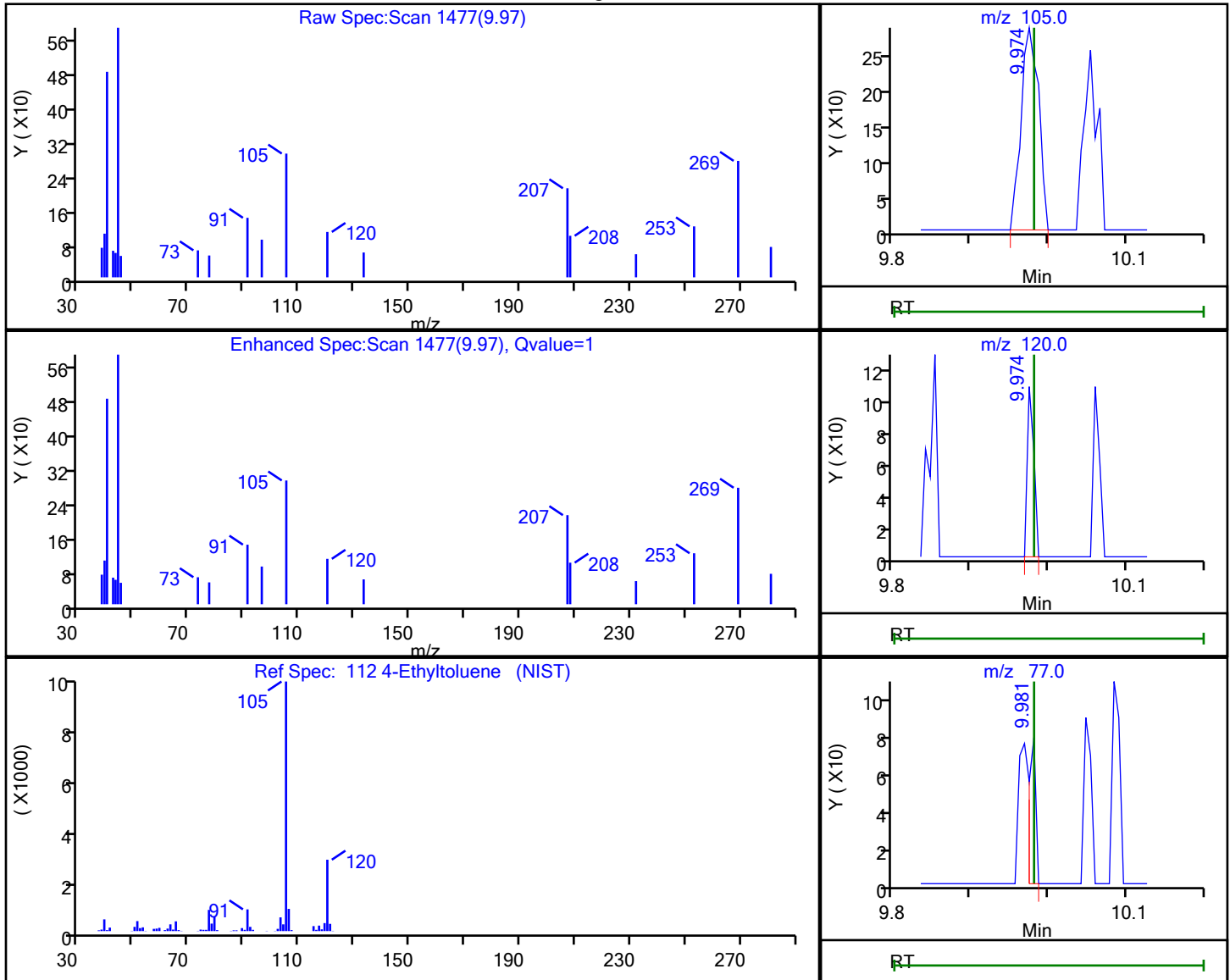
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 112 4-Ethyltoluene, CAS: 622-96-8

## Processing Results



RT	Mass	Response	Amount
9.97	105.00	455	0.023448
9.97	120.00	63	
9.98	77.00	45	

Reviewer: baronm, 12-Jan-2022 17:56:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

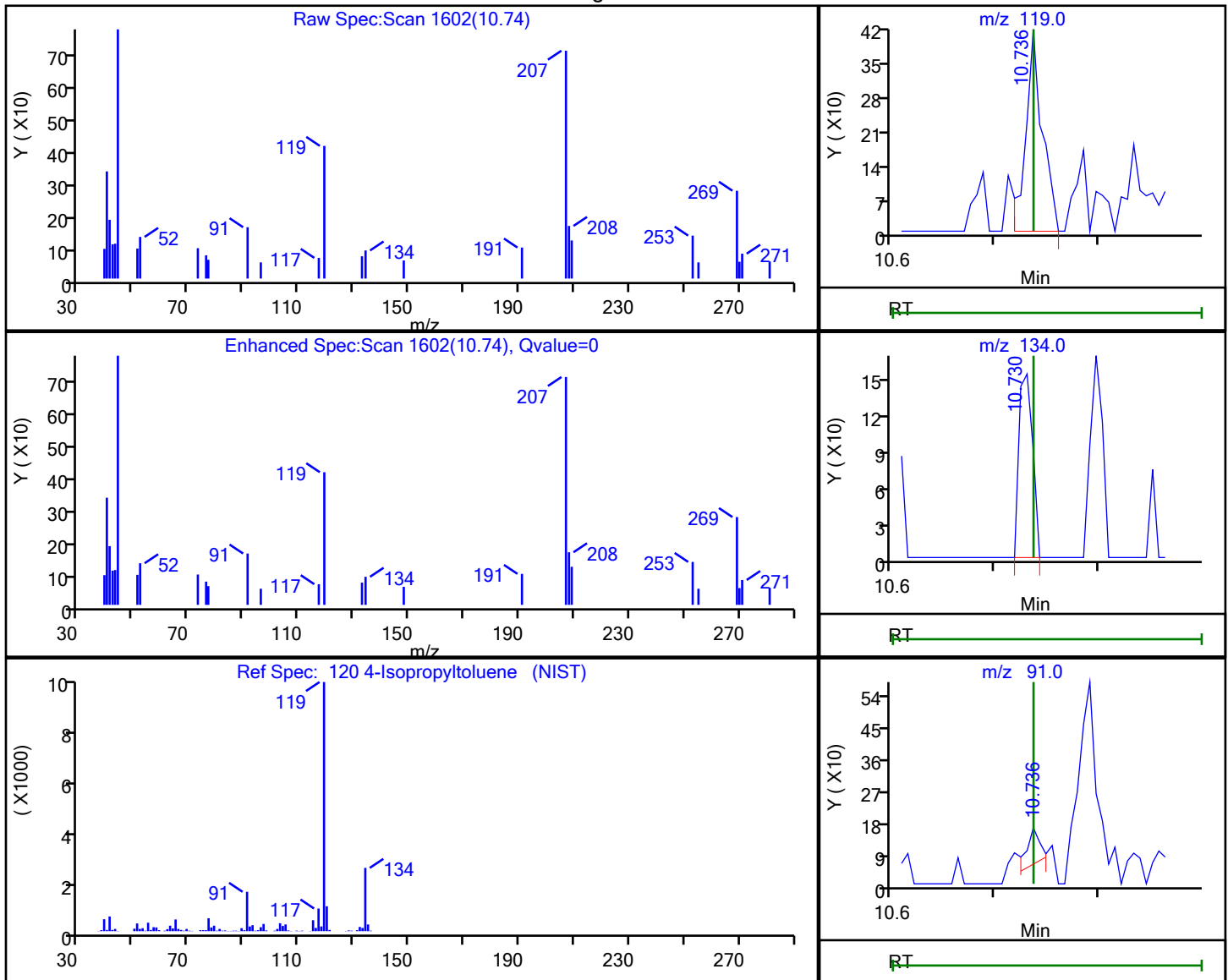
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 120 4-Isopropyltoluene, CAS: 99-87-6

## Processing Results



RT	Mass	Response	Amount
10.74	119.00	460	0.024894
10.73	134.00	138	
10.74	91.00	92	

Reviewer: baronm, 12-Jan-2022 17:56:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

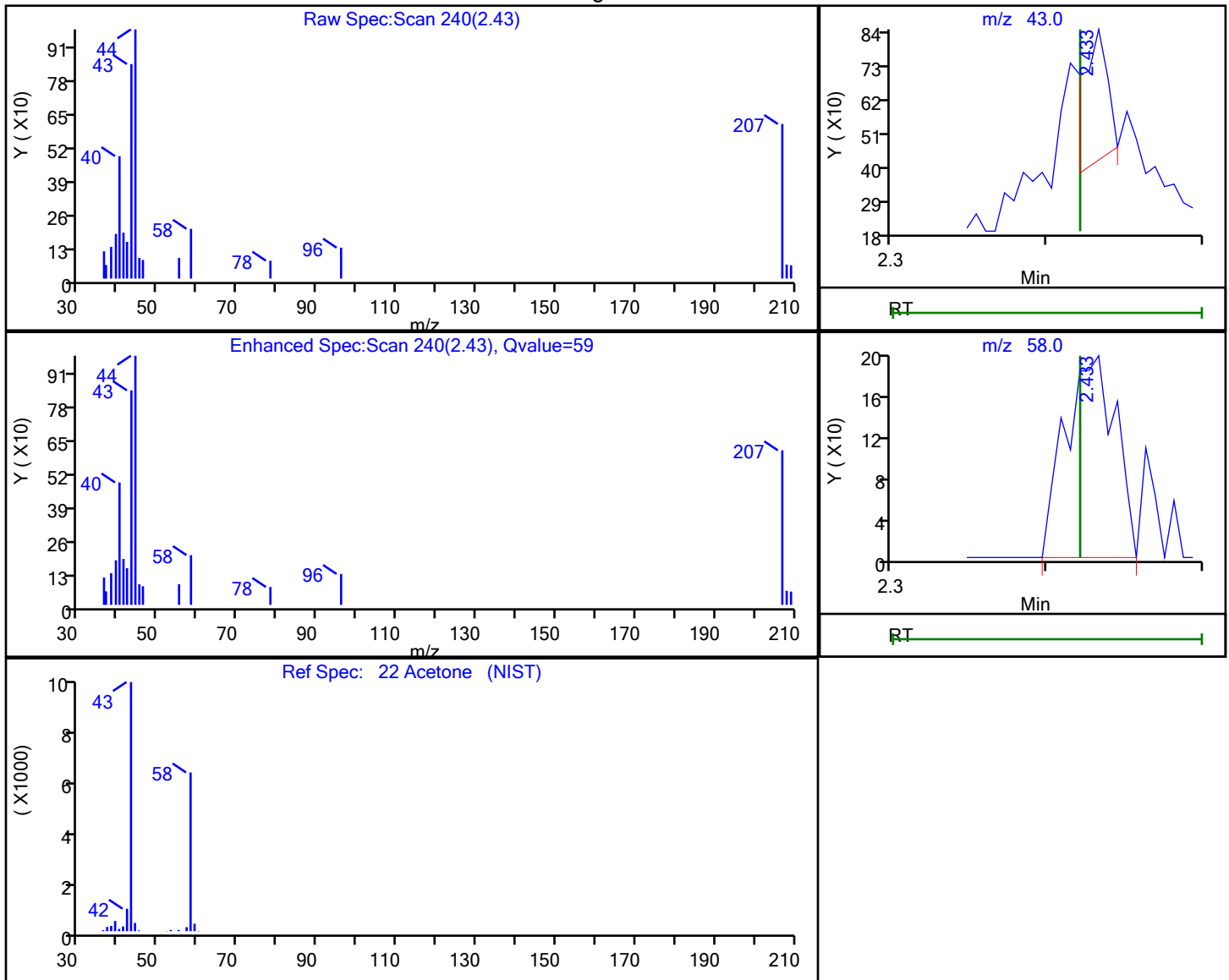
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 22 Acetone, CAS: 67-64-1

## Processing Results



RT	Mass	Response	Amount
2.43	43.00	471	0.310044
2.43	58.00	440	

Reviewer: baronm, 12-Jan-2022 17:55:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

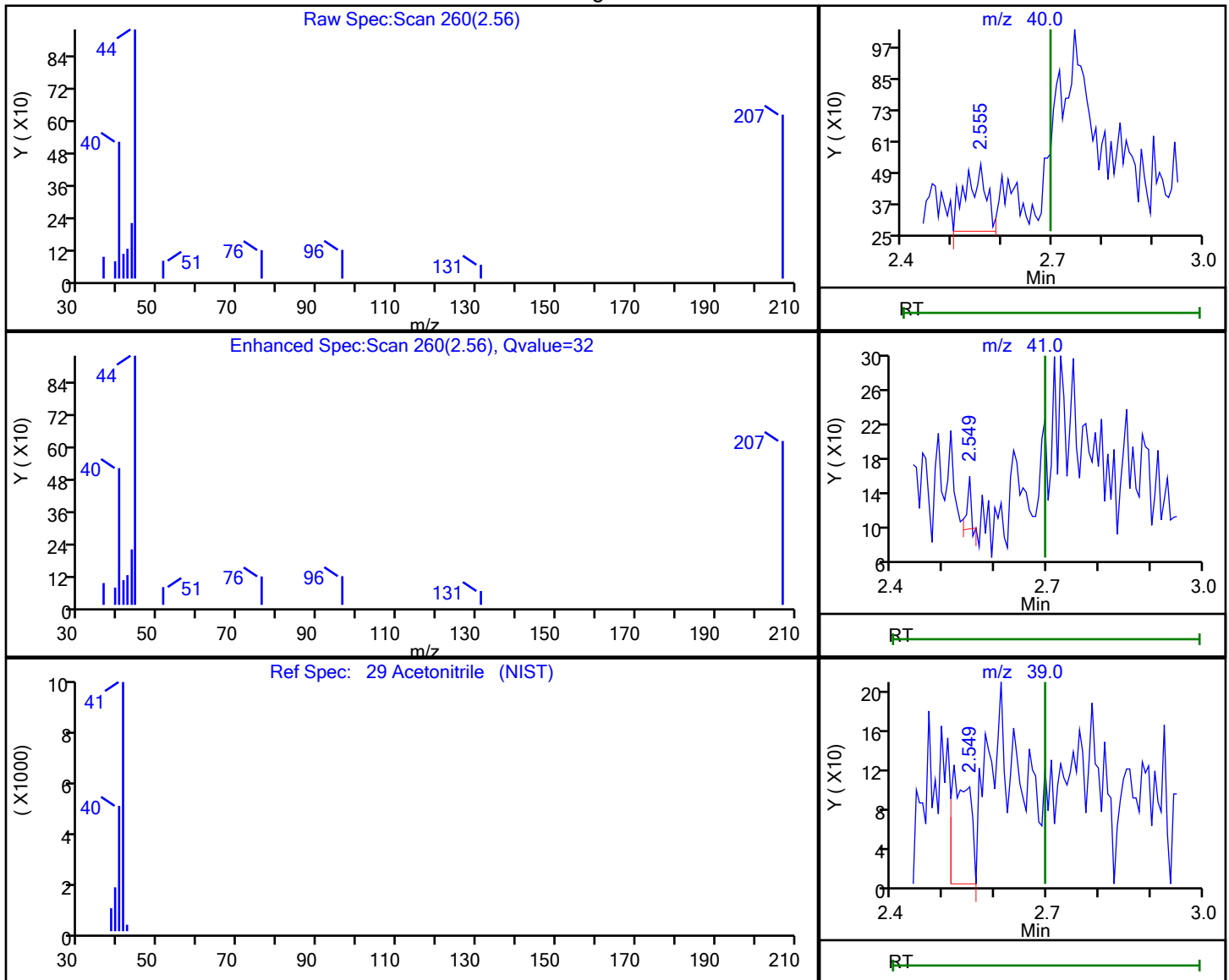
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 29 Acetonitrile, CAS: 75-05-8

## Processing Results



RT	Mass	Response	Amount
2.56	40.00	736	
2.55	41.00	29	0.044878
2.55	39.00	268	
2.56	38.00	134	

Reviewer: baronm, 12-Jan-2022 17:56:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

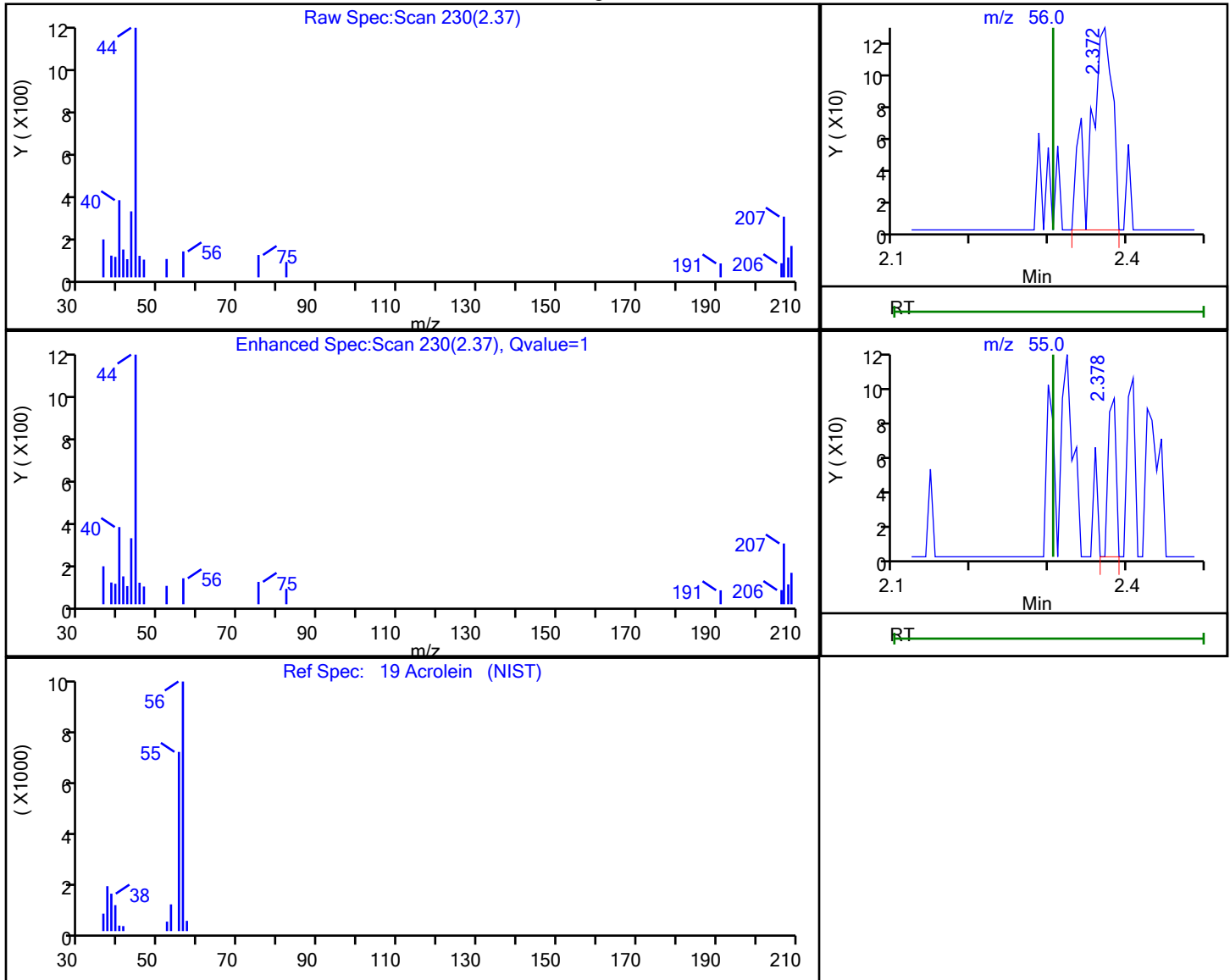
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 19 Acrolein, CAS: 107-02-8

## Processing Results



RT	Mass	Response	Amount
2.37	56.00	244	0.439782
2.38	55.00	66	

Reviewer: baronm, 12-Jan-2022 17:55:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

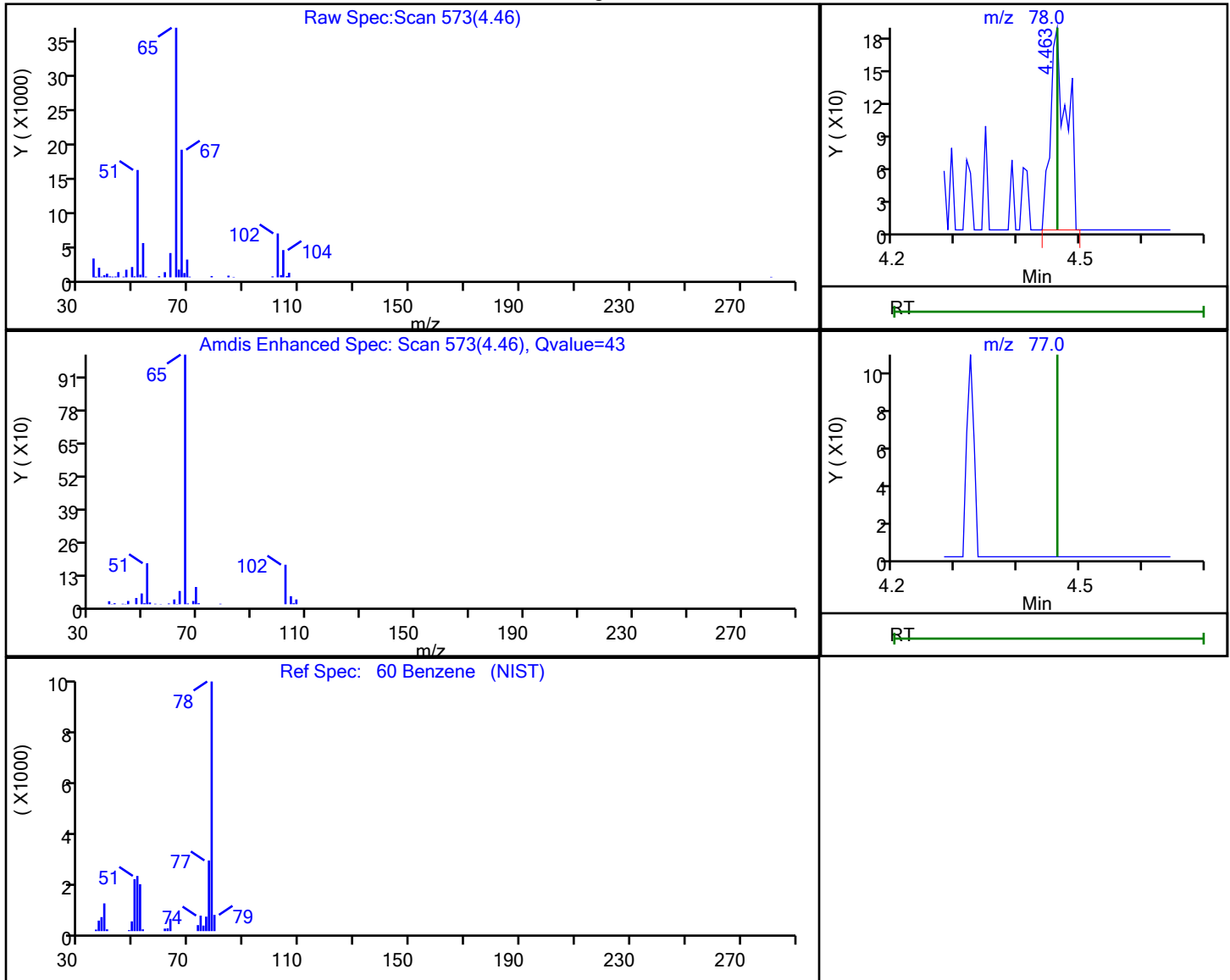
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 60 Benzene, CAS: 71-43-2

## Processing Results



RT	Mass	Response	Amount
4.46	78.00	333	0.017384

Reviewer: baronm, 12-Jan-2022 17:56:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

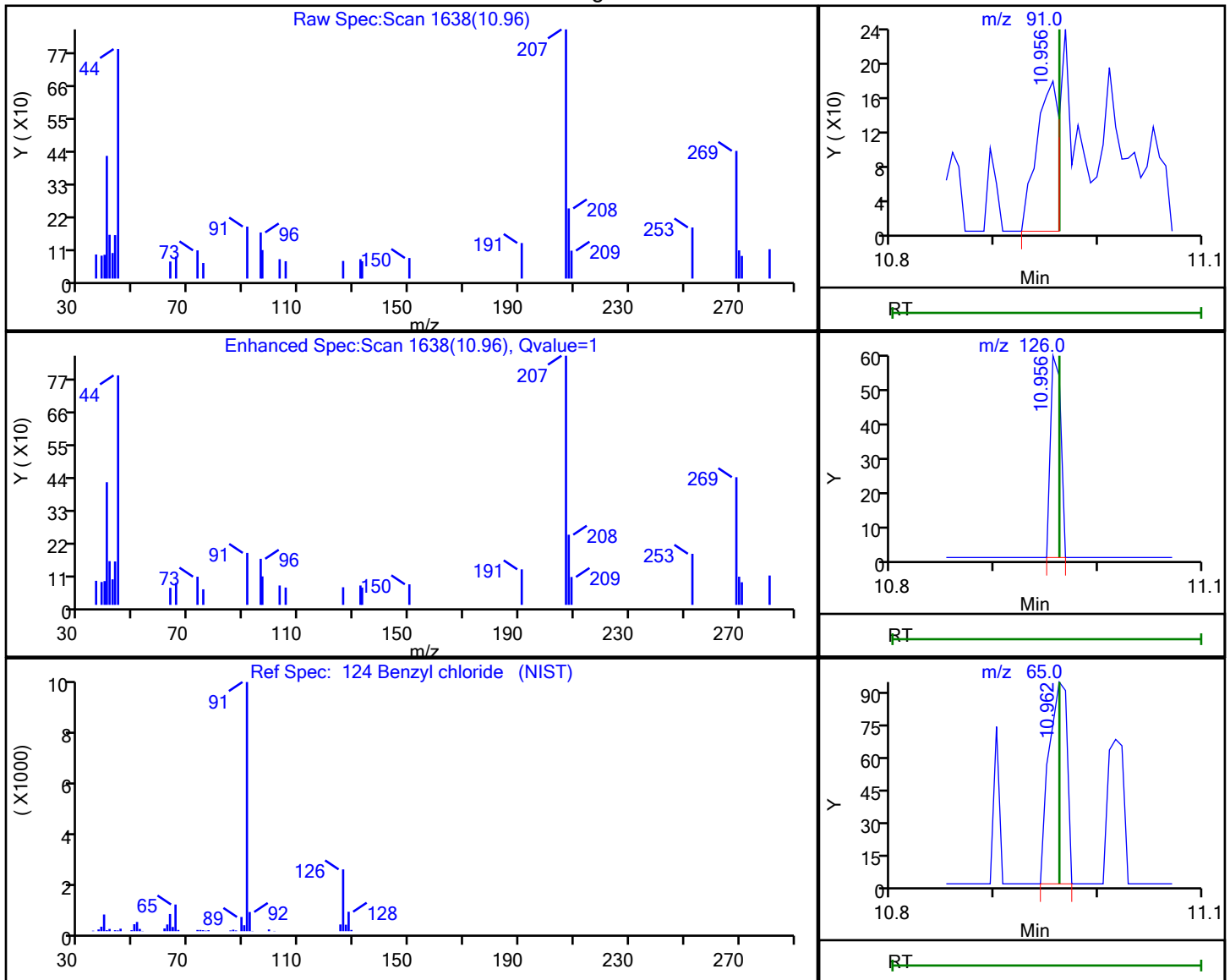
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

## 124 Benzyl chloride, CAS: 100-44-7

## Processing Results



RT	Mass	Response	Amount
10.96	91.00	270	0.032197
10.96	126.00	42	
10.96	65.00	116	

Reviewer: baronm, 12-Jan-2022 17:56:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

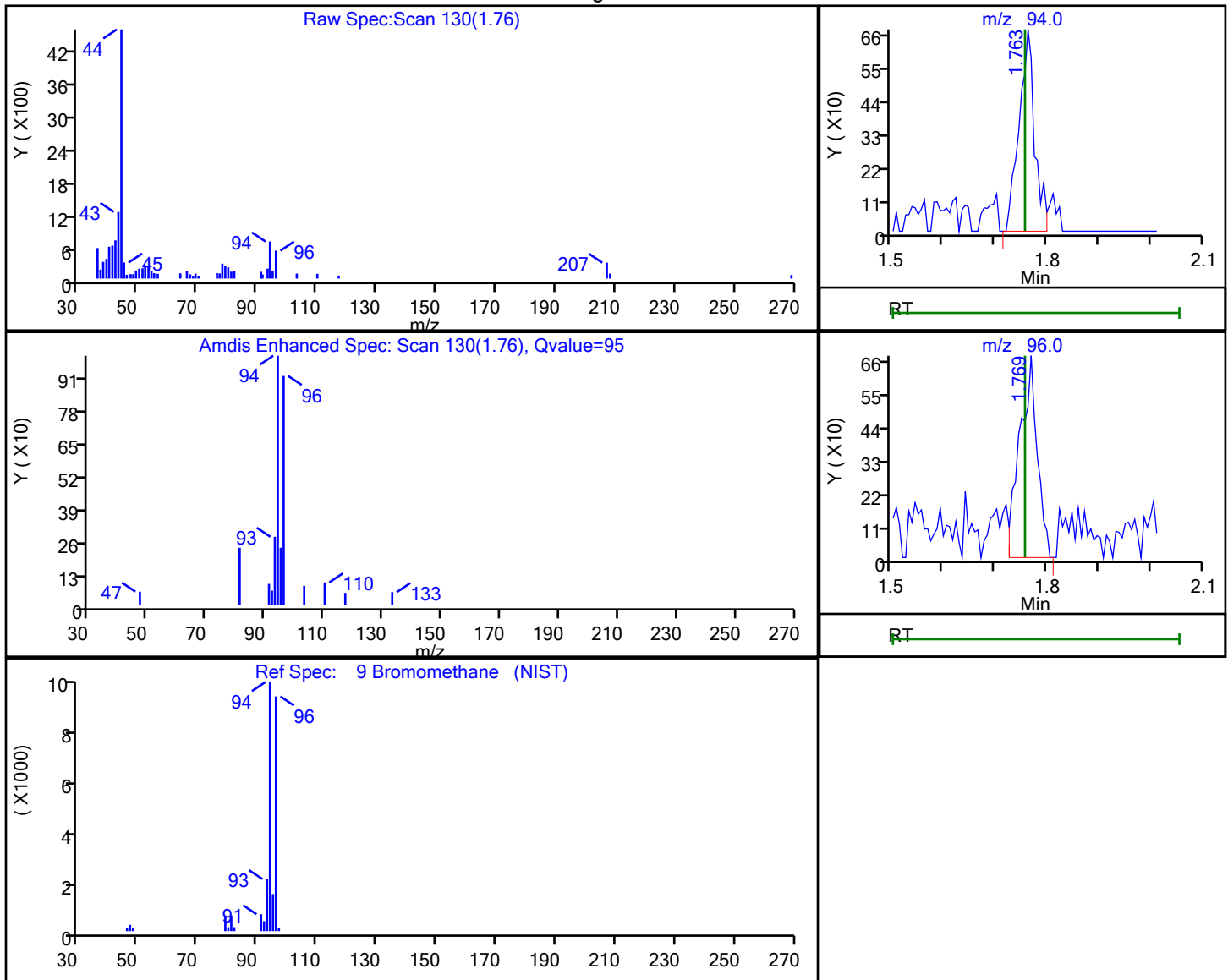
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 9 Bromomethane, CAS: 74-83-9

## Processing Results



RT	Mass	Response	Amount
1.76	94.00	1416	0.290817
1.77	96.00	1597	

Reviewer: baronm, 12-Jan-2022 17:55:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

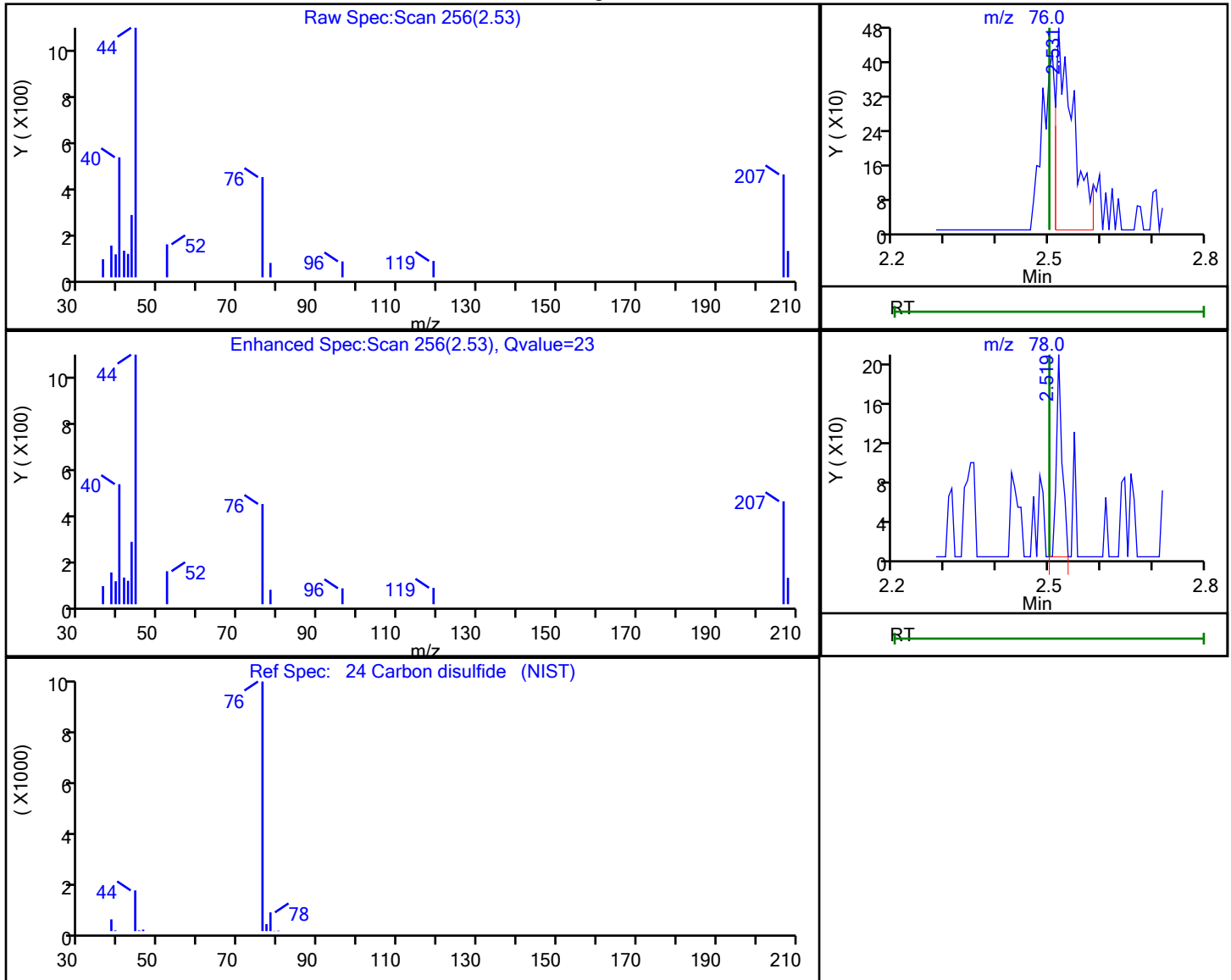
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 24 Carbon disulfide, CAS: 75-15-0

## Processing Results



RT	Mass	Response	Amount
2.53	76.00	1116	0.052182
2.52	78.00	155	

Reviewer: baronm, 12-Jan-2022 17:55:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

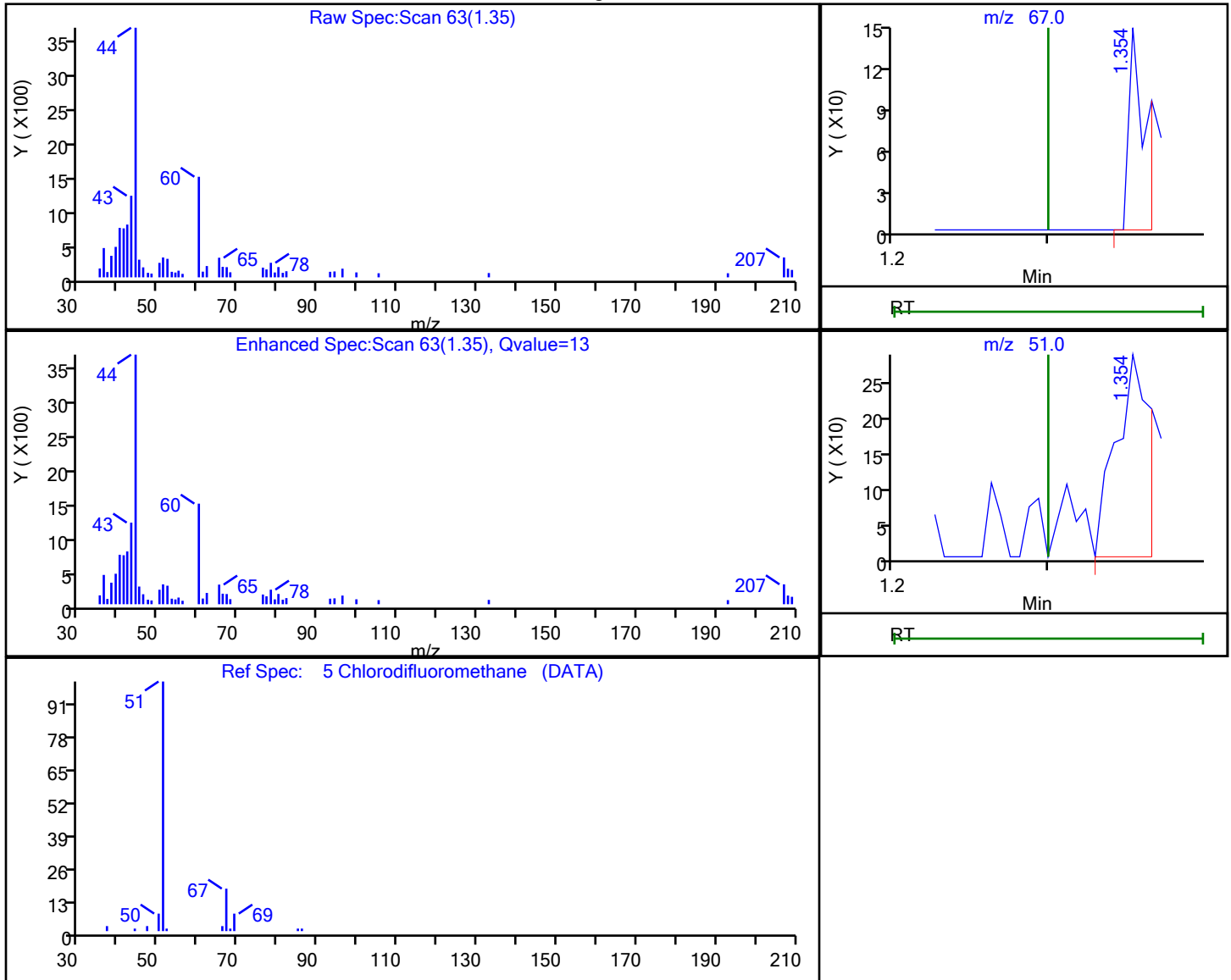
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 5 Chlorodifluoromethane, CAS: 75-45-6

## Processing Results



RT	Mass	Response	Amount
1.35	67.00	110	0.083503
1.35	51.00	428	

Reviewer: baronm, 12-Jan-2022 17:55:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

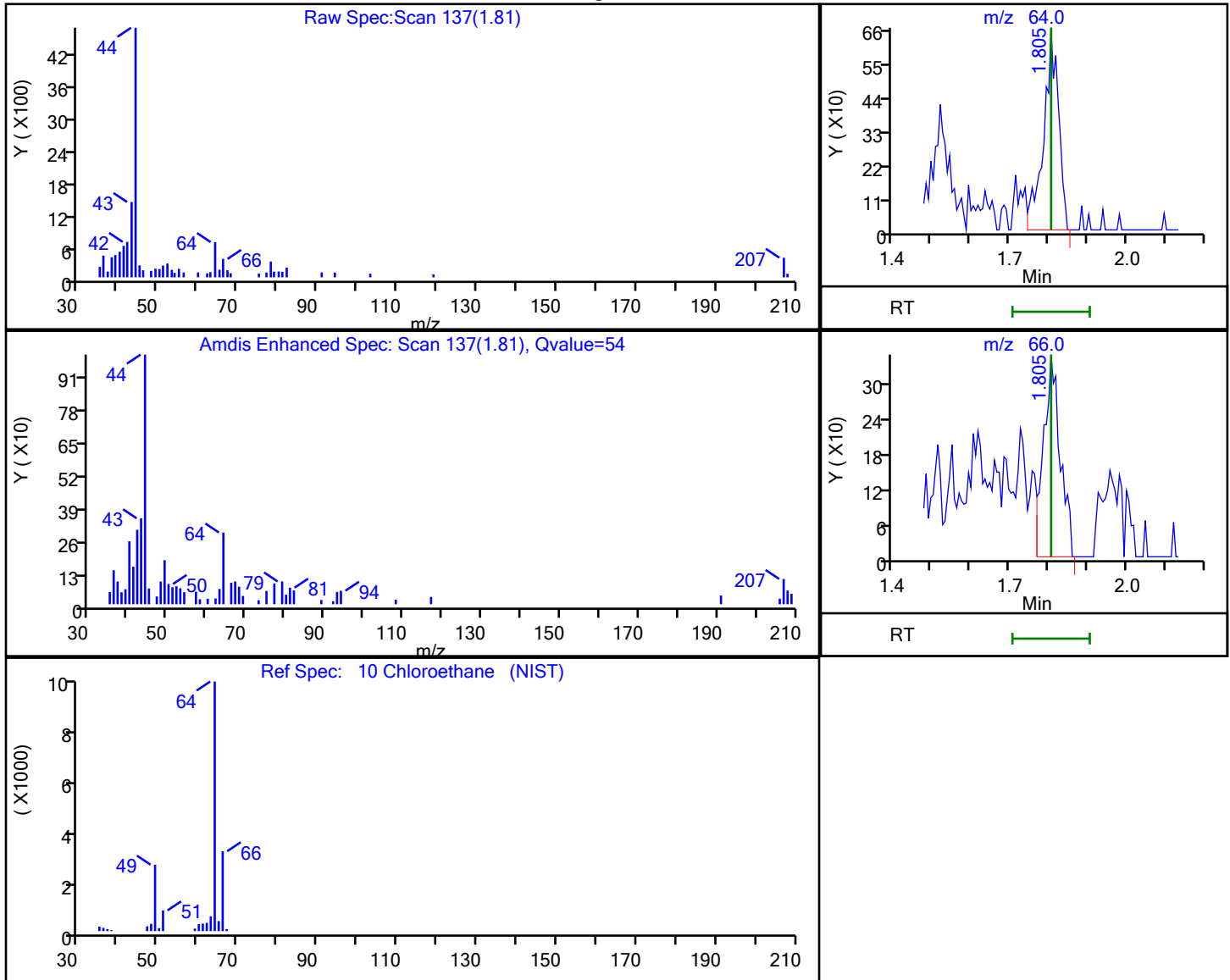
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 10 Chloroethane, CAS: 75-00-3

## Processing Results



RT	Mass	Response	Amount
1.81	64.00	1756	0.362090
1.81	66.00	1027	

Reviewer: baronm, 12-Jan-2022 17:55:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

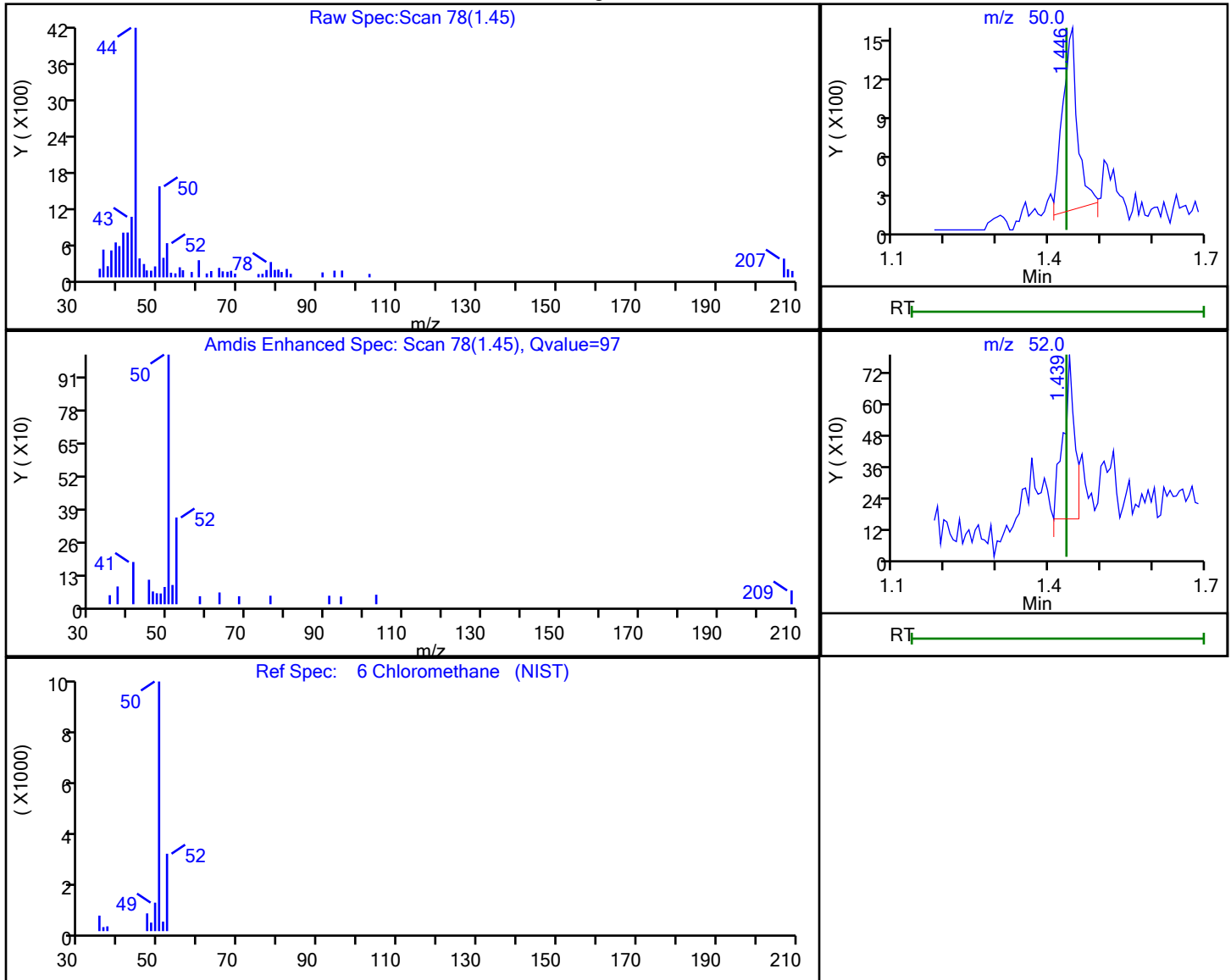
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 6 Chloromethane, CAS: 74-87-3

## Processing Results



RT	Mass	Response	Amount
1.45	50.00	2715	0.272349
1.44	52.00	965	

Reviewer: baronm, 12-Jan-2022 17:55:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

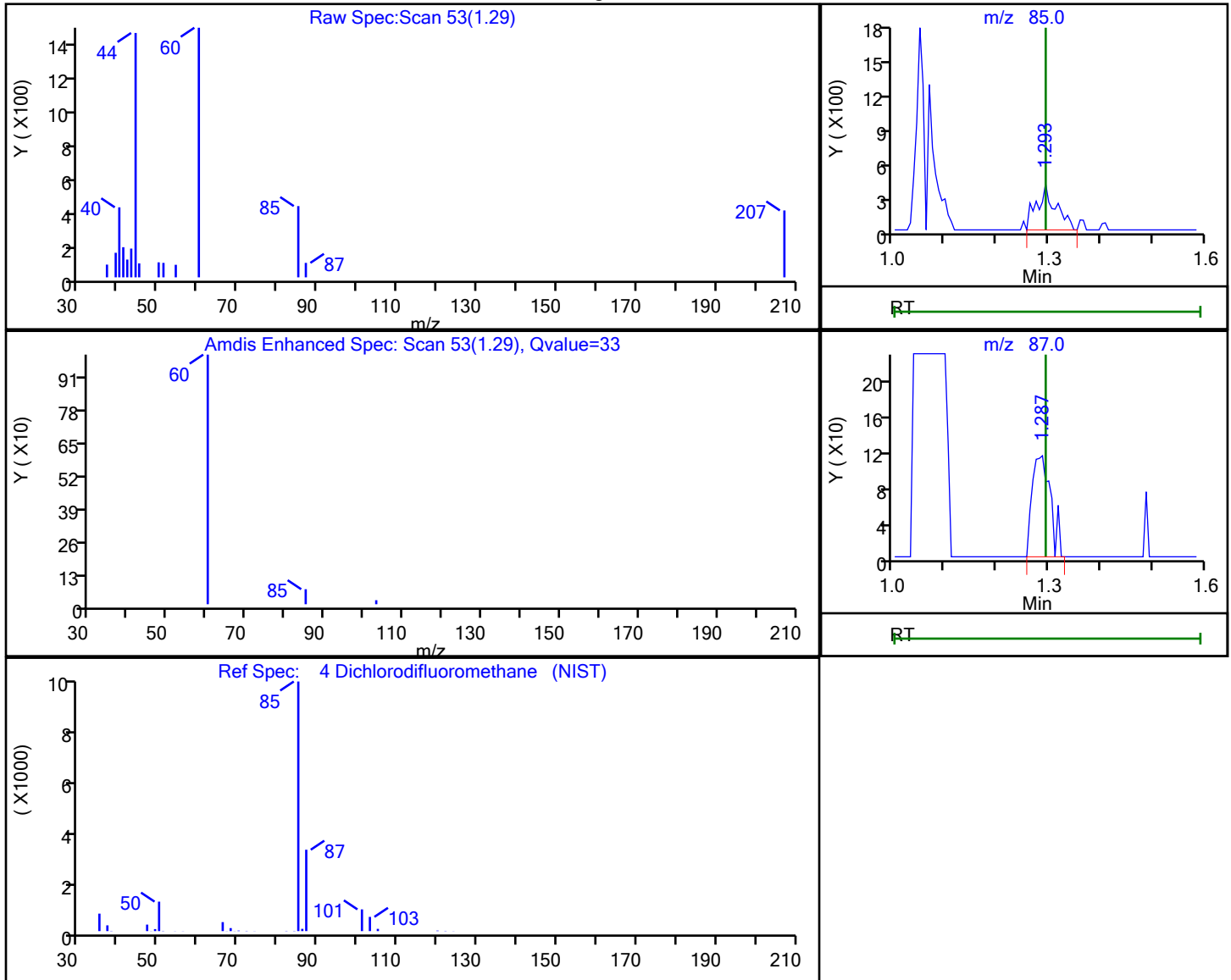
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 4 Dichlorodifluoromethane, CAS: 75-71-8

## Processing Results



RT	Mass	Response	Amount
1.29	85.00	1018	0.151213
1.29	87.00	276	

Reviewer: baronm, 12-Jan-2022 17:55:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

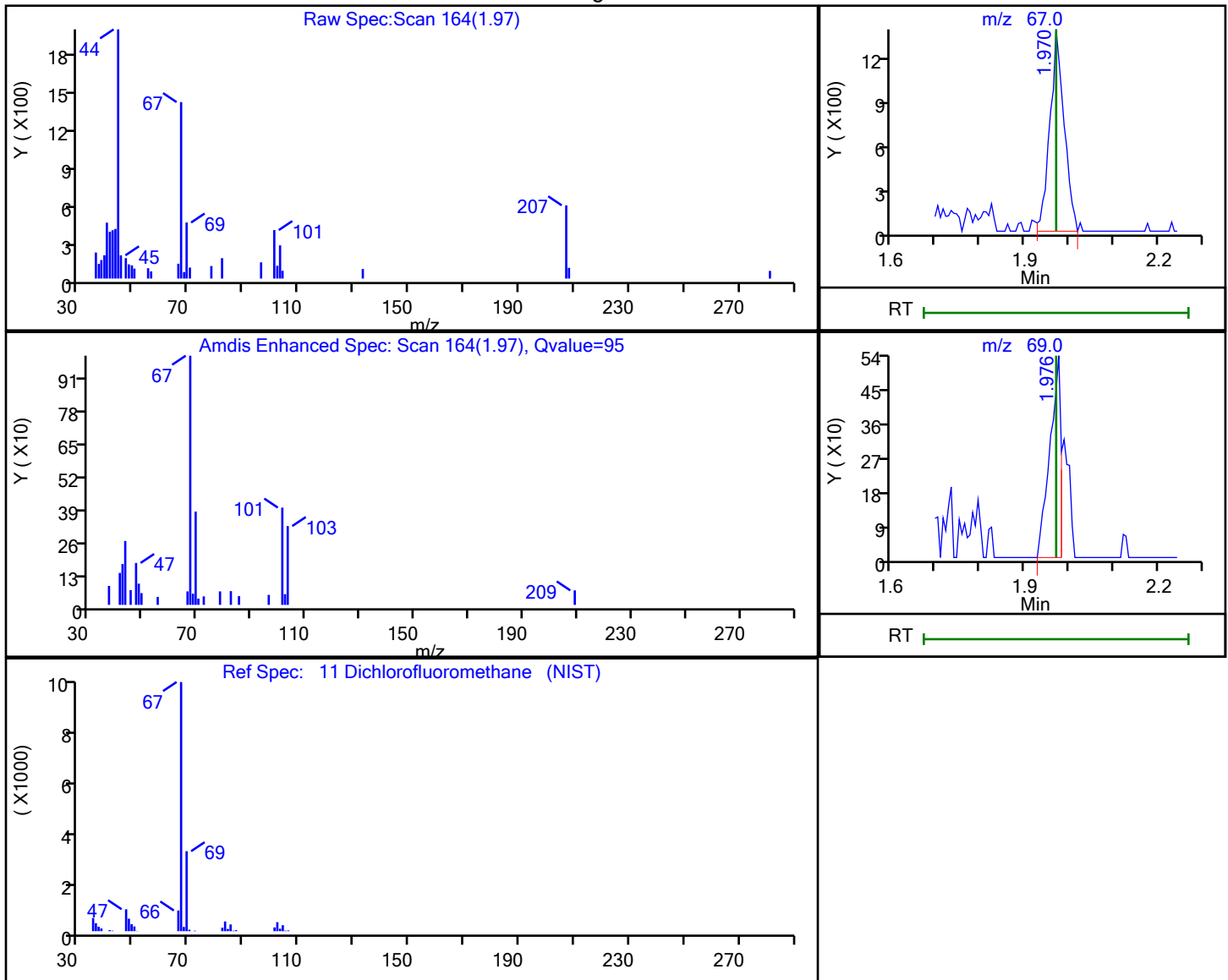
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 11 Dichlorofluoromethane, CAS: 75-43-4

## Processing Results



RT	Mass	Response	Amount
1.97	67.00	3098	0.253494
1.98	69.00	915	

Reviewer: baronm, 12-Jan-2022 17:55:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

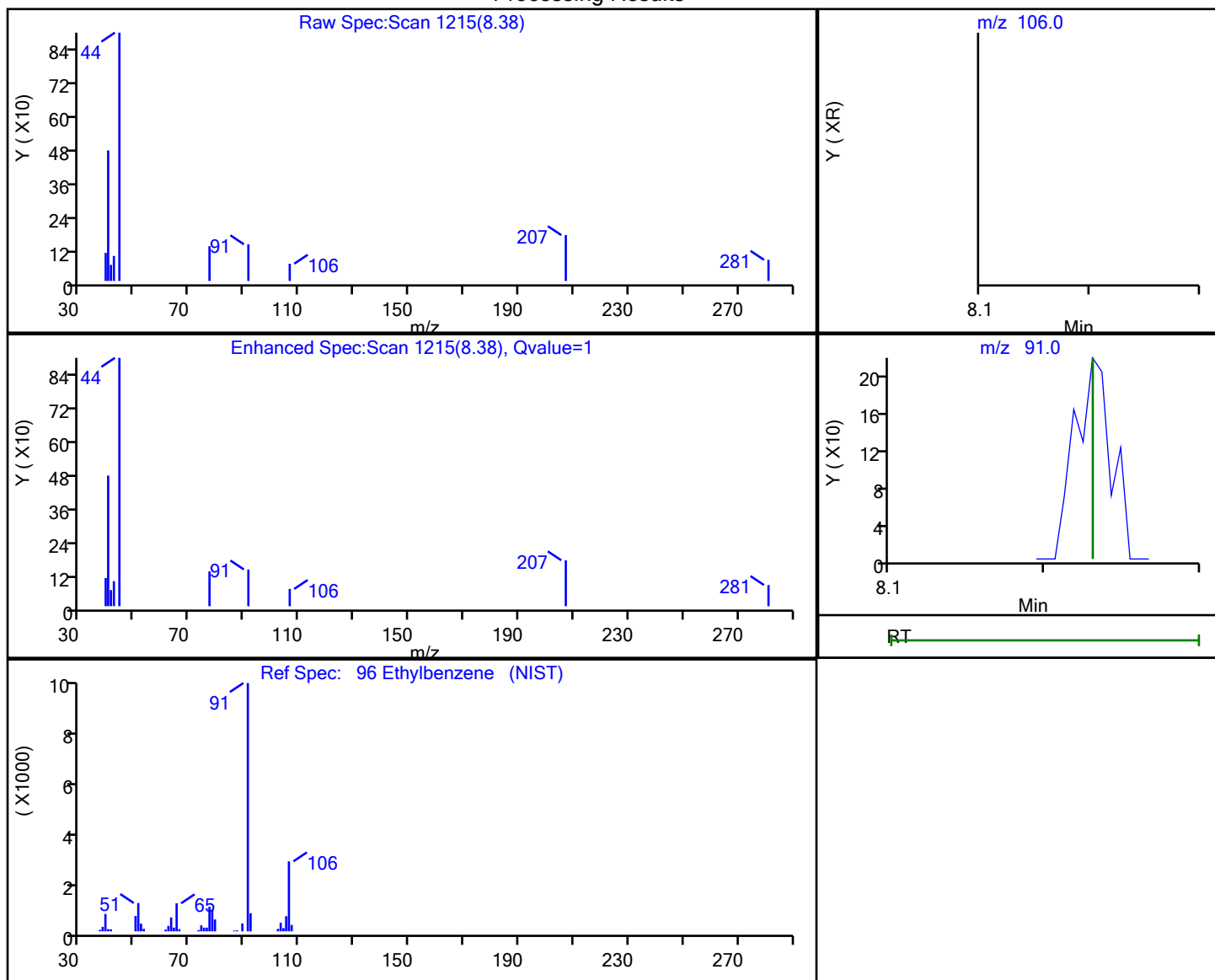
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 96 Ethylbenzene, CAS: 100-41-4

## Processing Results



RT	Mass	Response	Amount
8.38	106.00	23	0.004065
8.38	91.00	166	

Reviewer: baronm, 12-Jan-2022 17:56:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

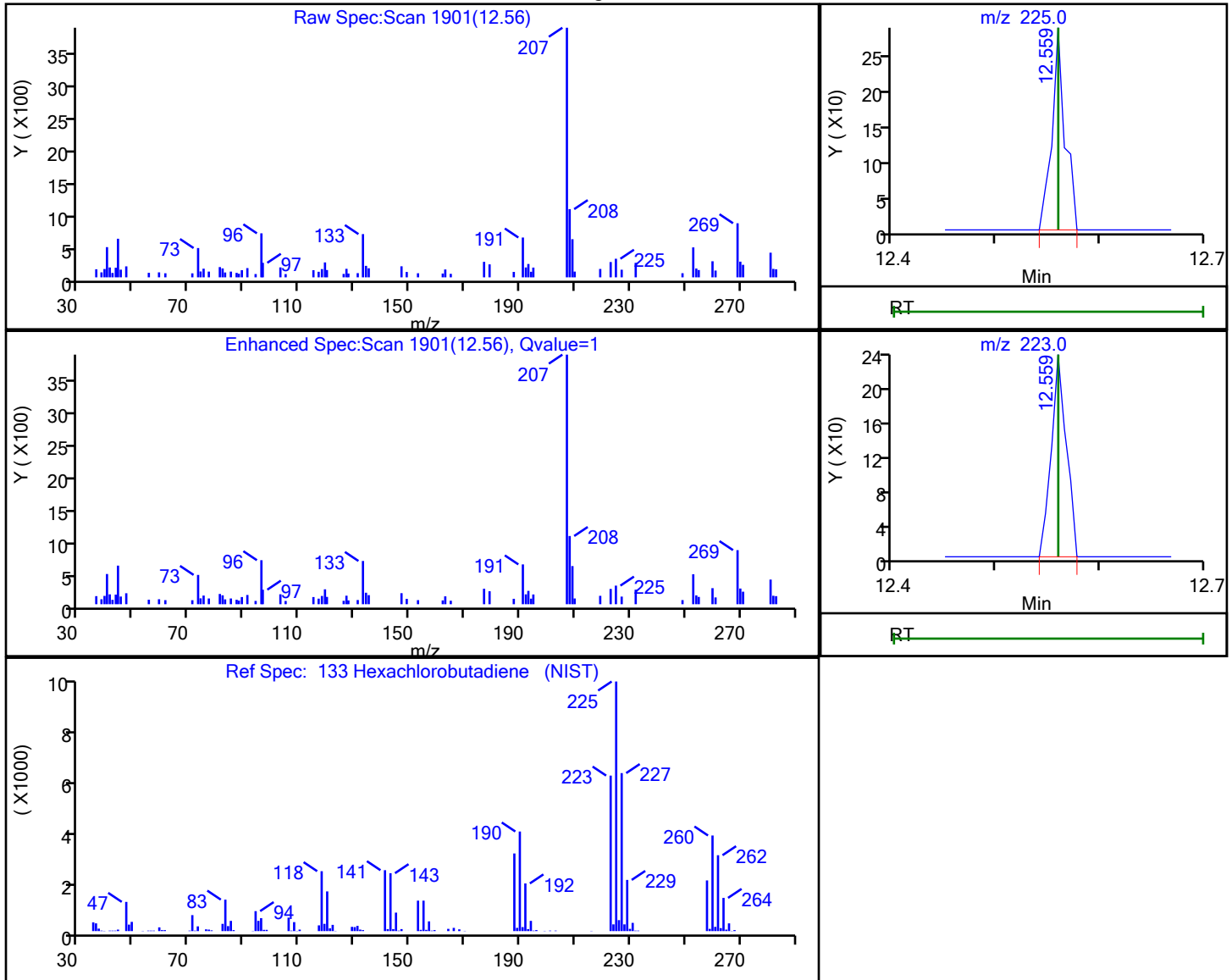
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 133 Hexachlorobutadiene, CAS: 87-68-3

## Processing Results



RT	Mass	Response	Amount
12.56	225.00	254	0.091722
12.56	223.00	241	

Reviewer: baronm, 12-Jan-2022 17:56:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

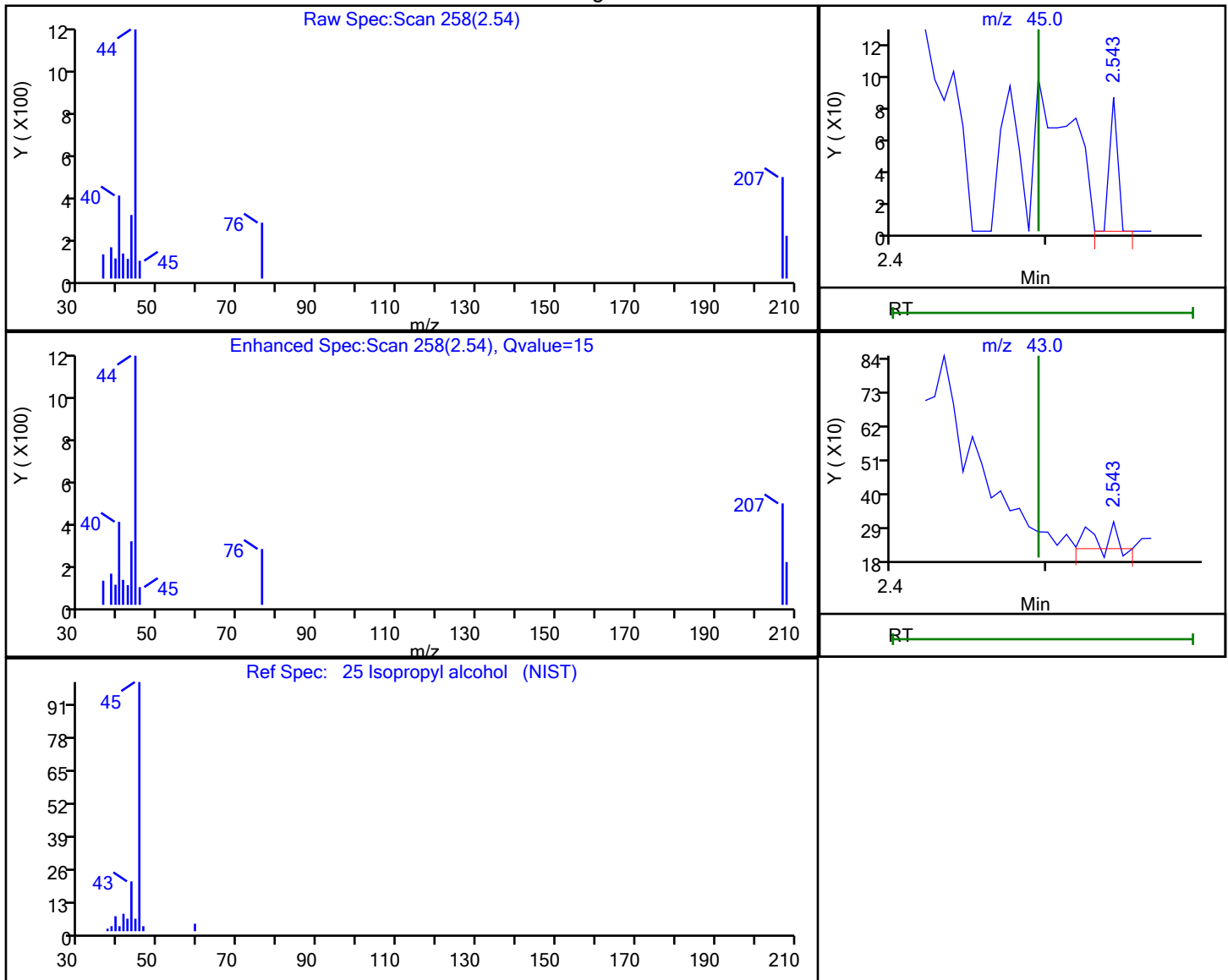
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 25 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



RT	Mass	Response	Amount
2.54	45.00	30	0.429440
2.54	43.00	57	

Reviewer: baronm, 12-Jan-2022 17:55:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

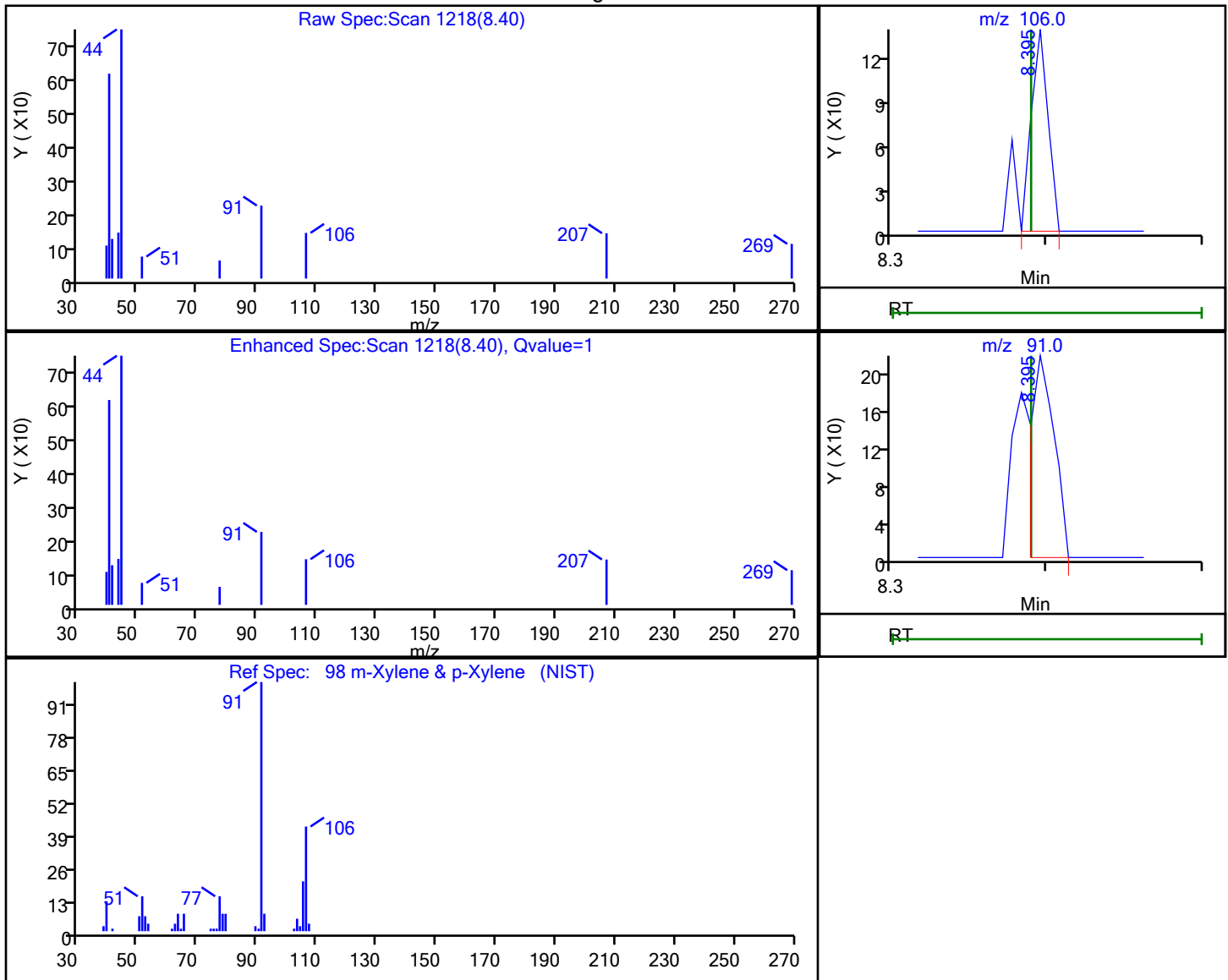
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 98 m-Xylene &amp; p-Xylene, CAS: 179601-23-1

## Processing Results



RT	Mass	Response	Amount
8.40	106.00	102	0.014902
8.40	91.00	229	

Reviewer: baronm, 12-Jan-2022 17:56:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

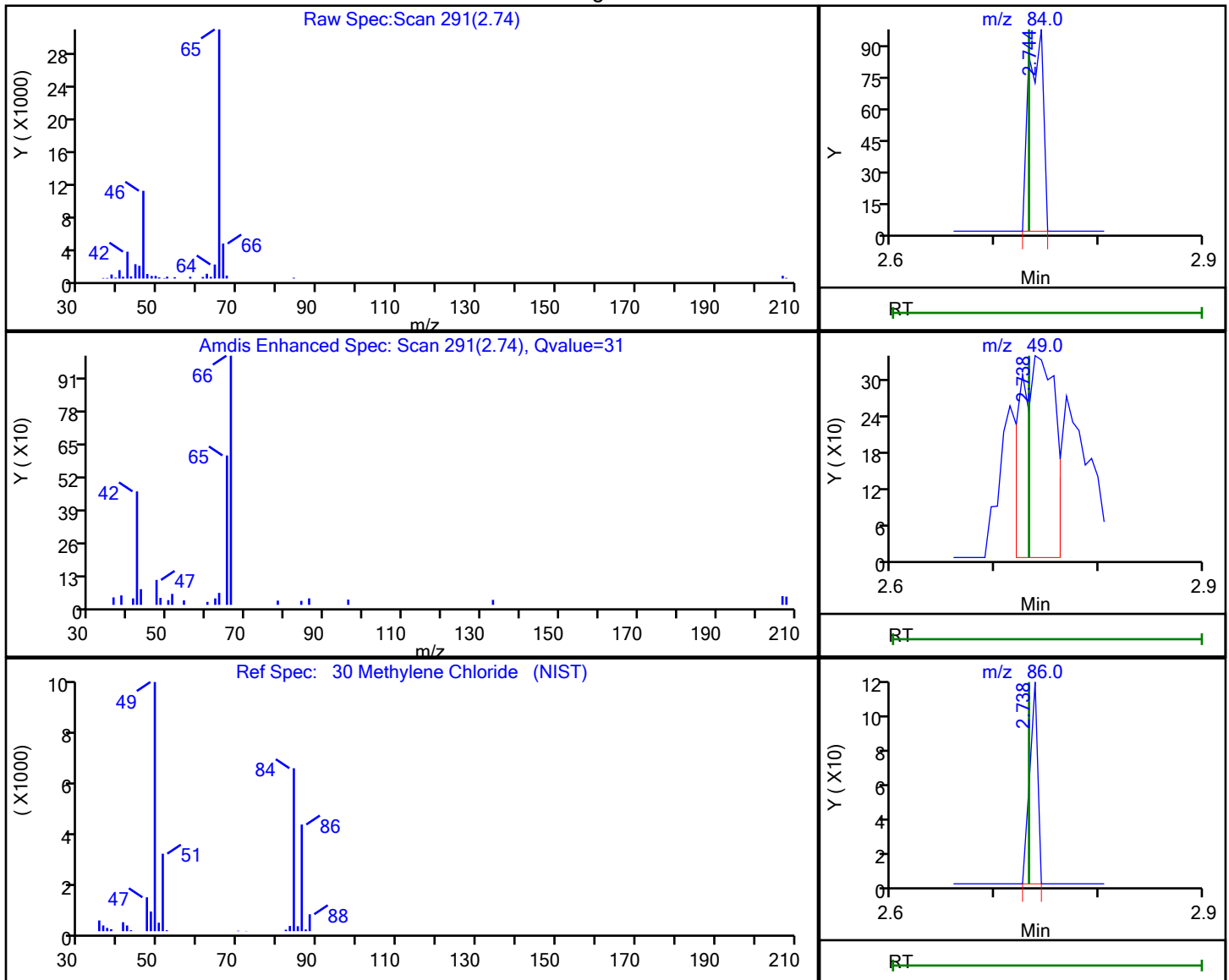
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

## 30 Methylene Chloride, CAS: 75-09-2

## Processing Results



RT	Mass	Response	Amount
2.74	84.00	93	0.015690
2.74	49.00	799	
2.74	86.00	63	

Reviewer: baronm, 12-Jan-2022 17:56:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

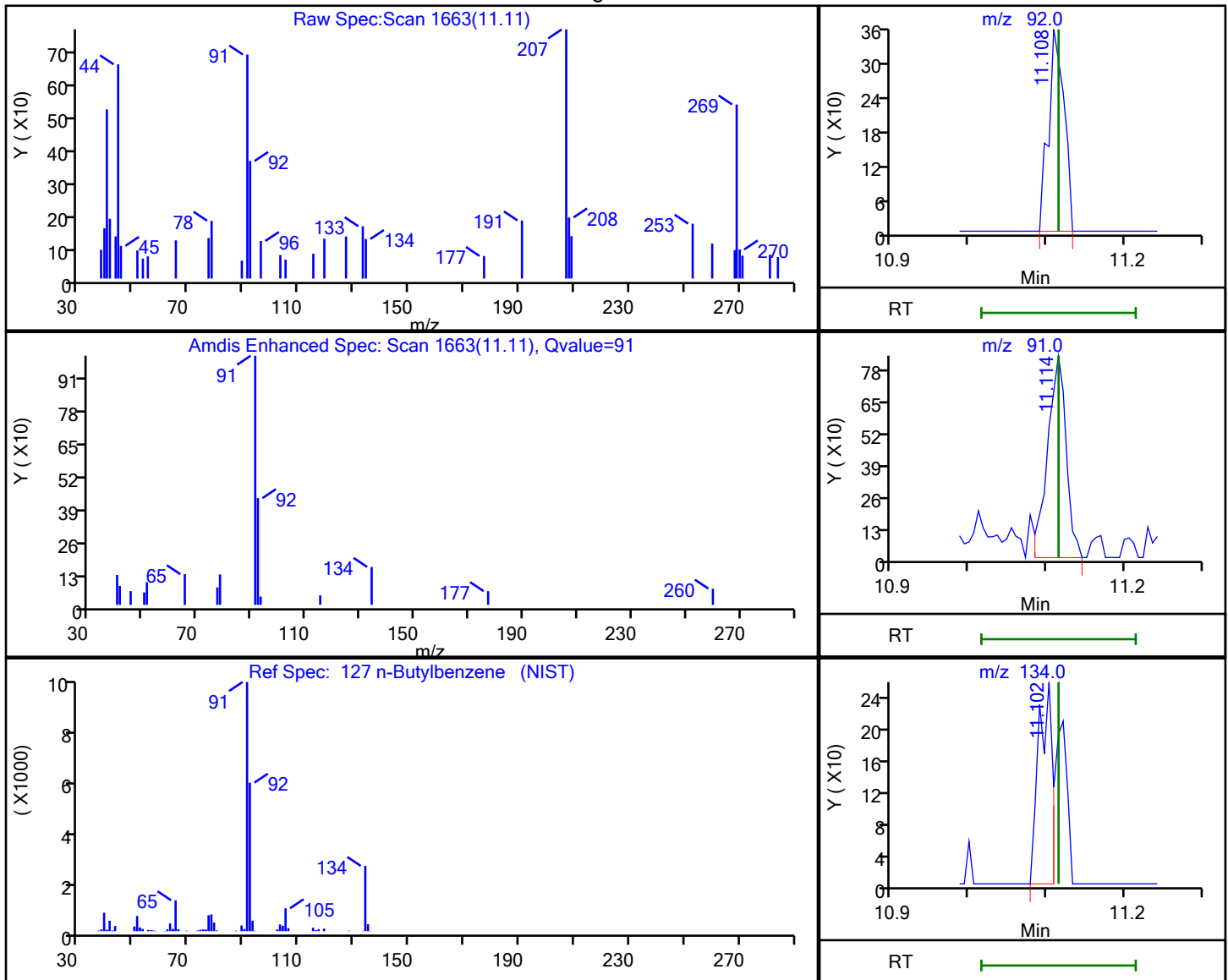
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 127 n-Butylbenzene, CAS: 104-51-8

## Processing Results



RT	Mass	Response	Amount
11.11	92.00	504	0.044872
11.11	91.00	1394	
11.10	134.00	313	

Reviewer: baronm, 12-Jan-2022 17:56:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

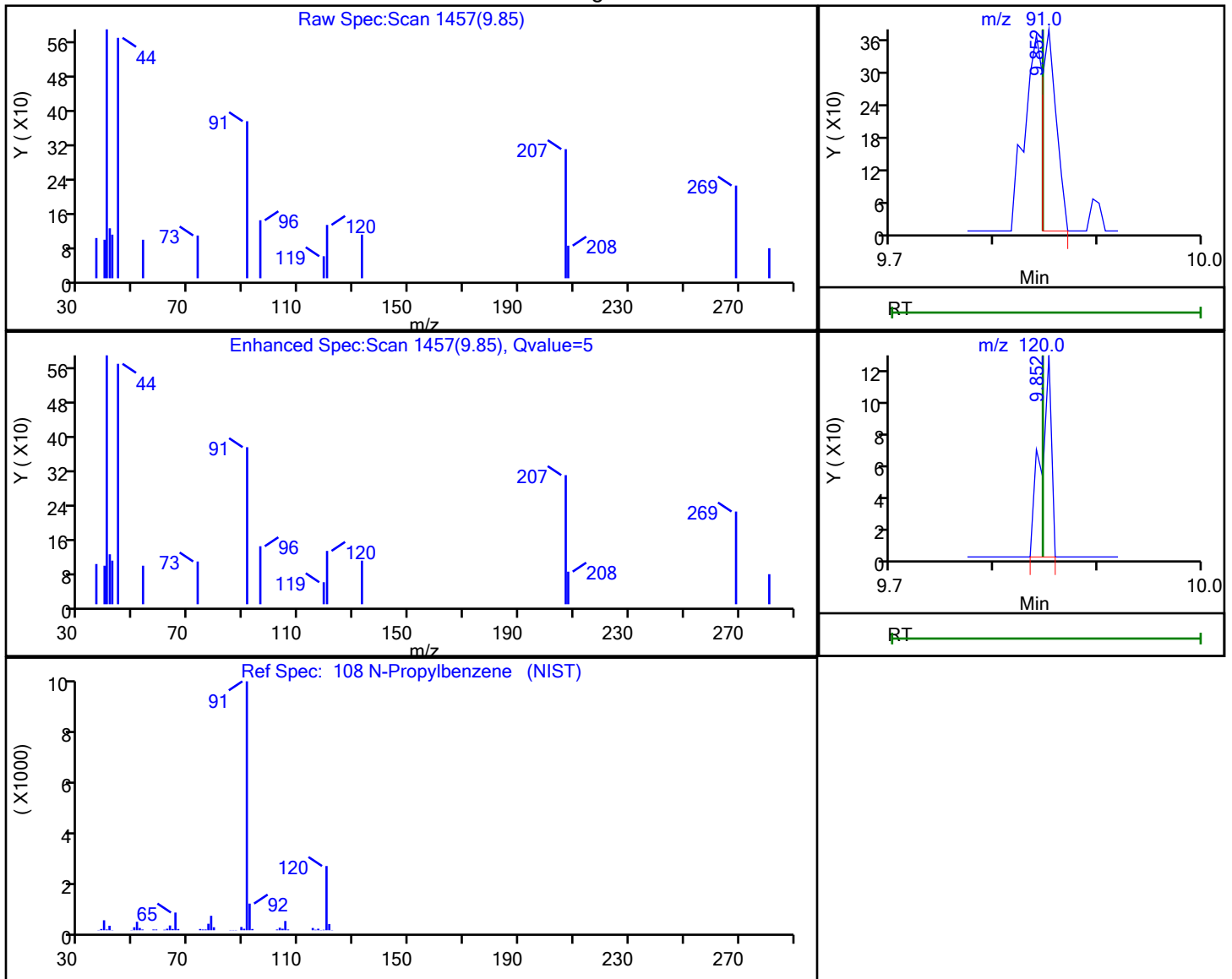
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

## 108 N-Propylbenzene, CAS: 103-65-1

## Processing Results



RT	Mass	Response	Amount
9.85	91.00	360	0.013629
9.85	120.00	89	

Reviewer: baronm, 12-Jan-2022 17:56:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

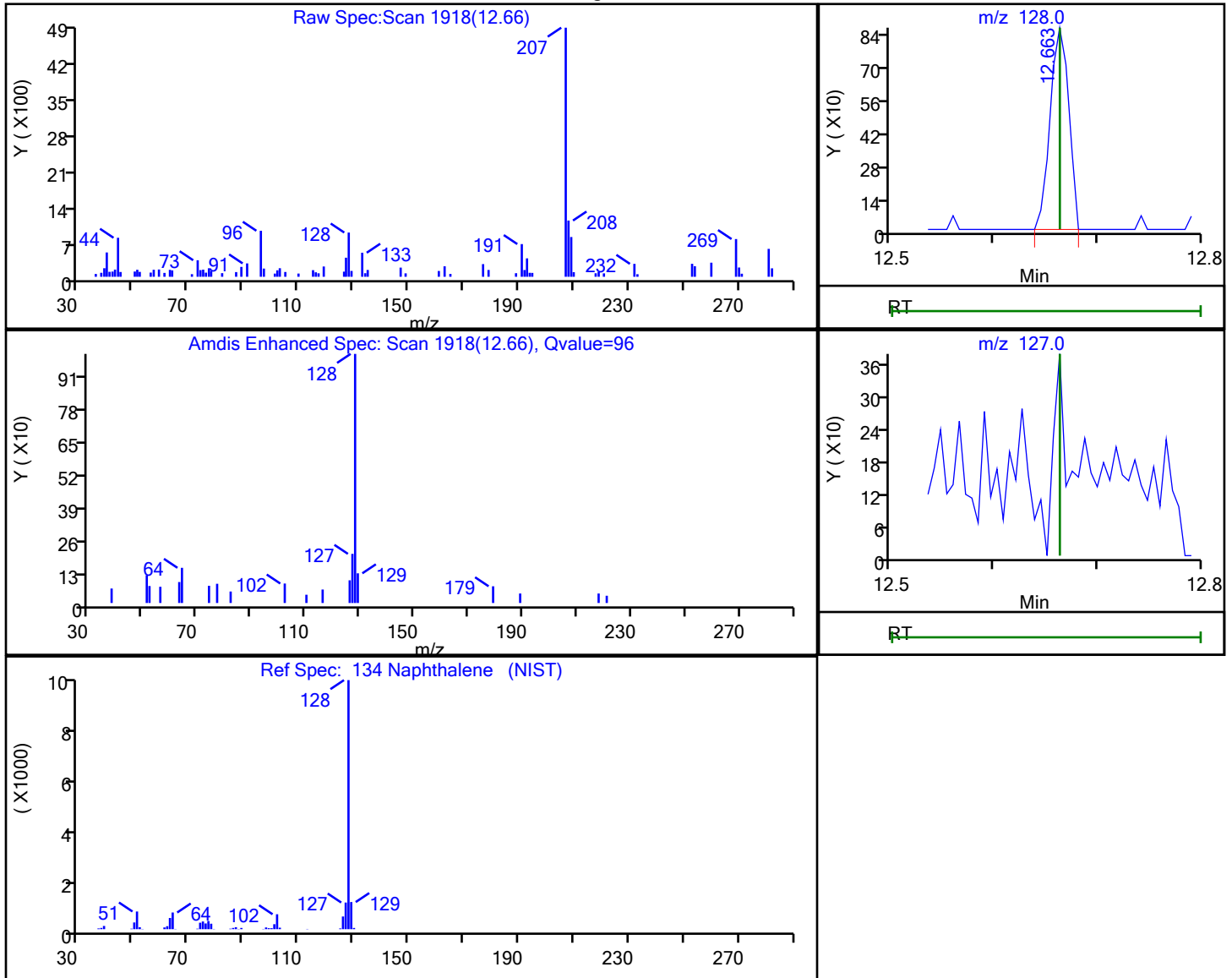
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 134 Naphthalene, CAS: 91-20-3

## Processing Results



RT	Mass	Response	Amount
12.66	128.00	1095	0.068833

Reviewer: baronm, 12-Jan-2022 17:57:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

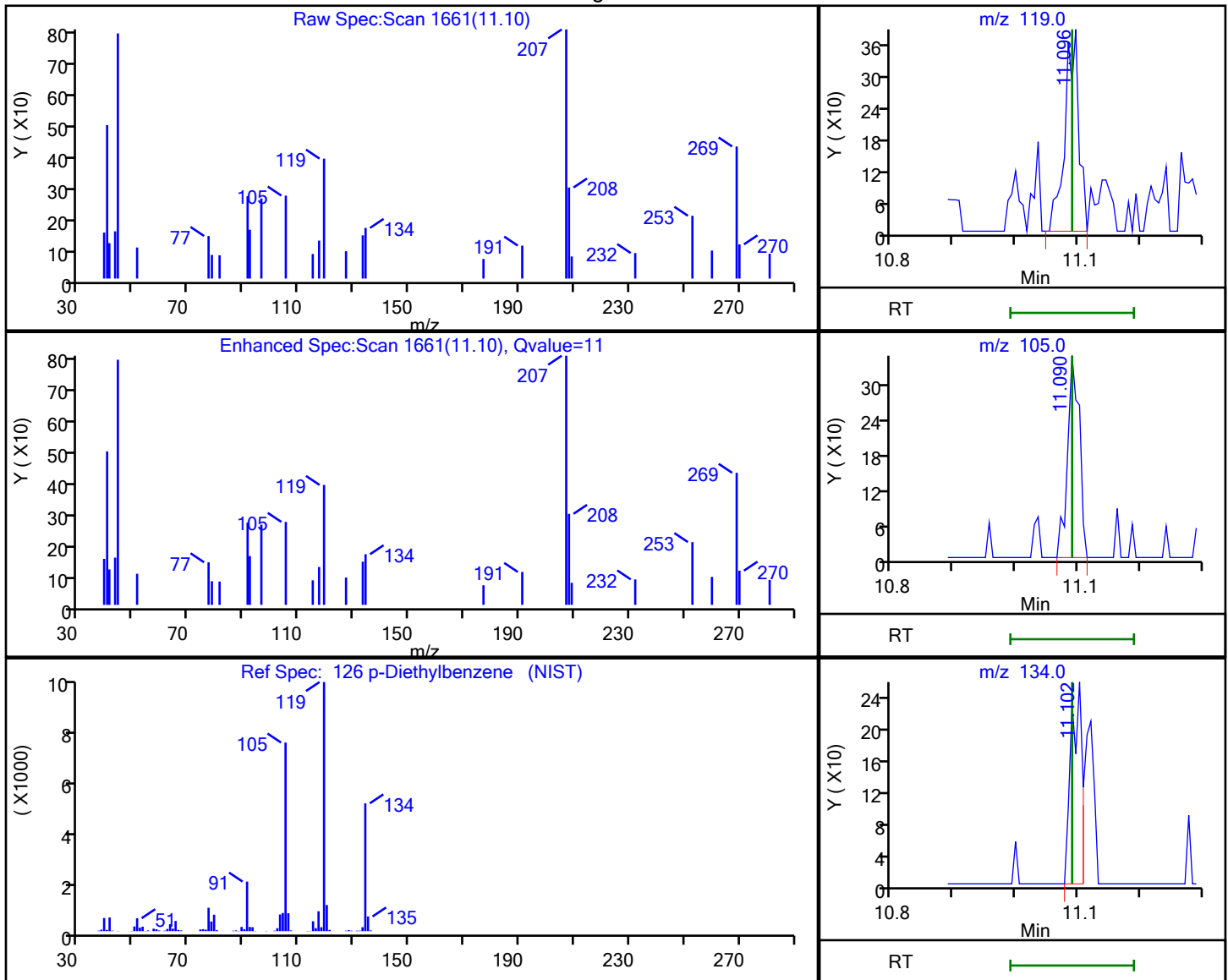
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 126 p-Diethylbenzene, CAS: 105-05-5

## Processing Results



RT	Mass	Response	Amount
11.10	119.00	598	0.060194
11.09	105.00	457	
11.10	134.00	313	

Reviewer: baronm, 12-Jan-2022 17:56:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

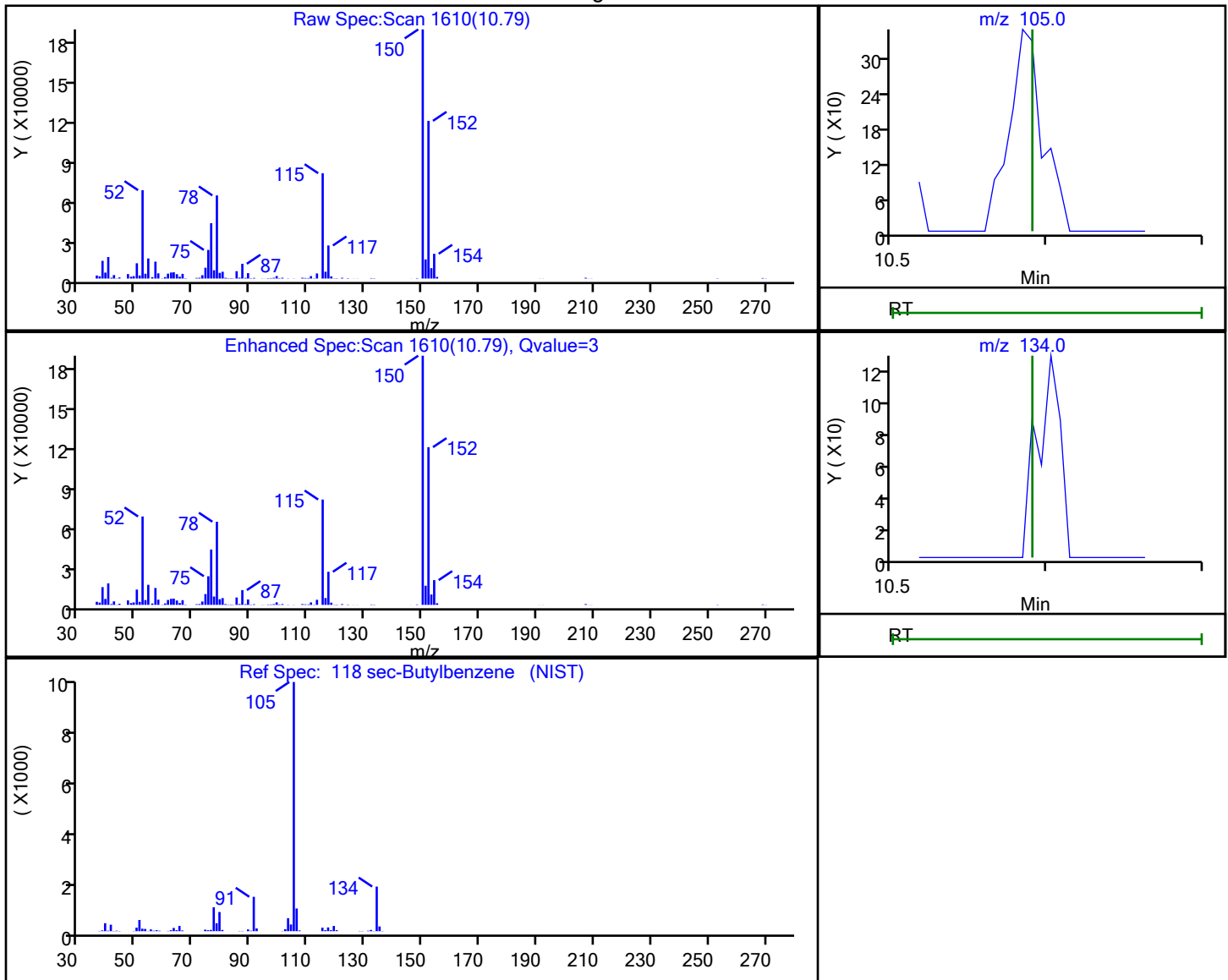
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

## 118 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



RT	Mass	Response	Amount
10.79	105.00	90	0.003908
10.80	134.00	135	

Reviewer: baronm, 12-Jan-2022 17:56:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

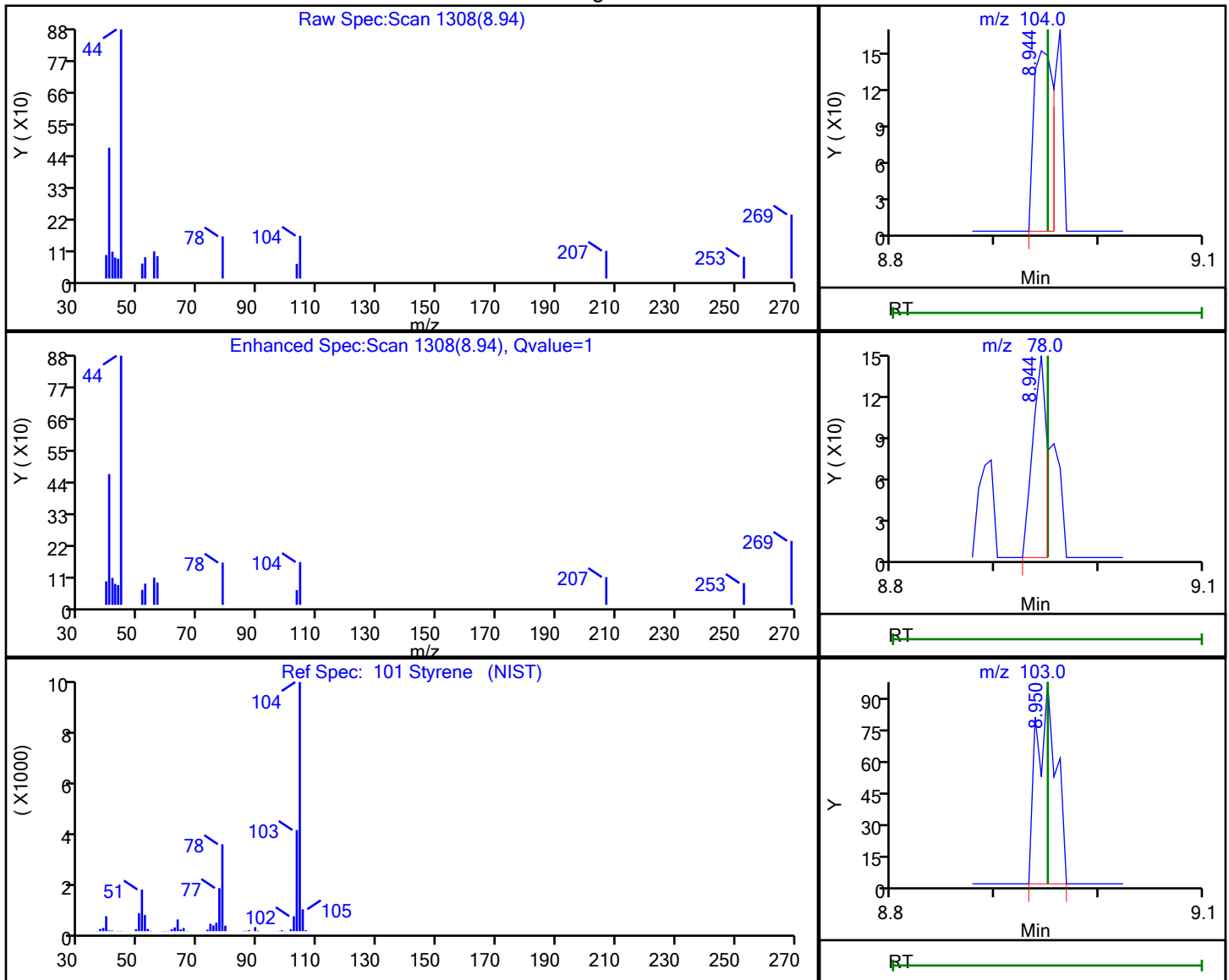
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 101 Styrene, CAS: 100-42-5

## Processing Results



RT	Mass	Response	Amount
8.94	104.00	202	0.019698
8.94	78.00	141	
8.95	103.00	126	

Reviewer: baronm, 12-Jan-2022 17:56:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

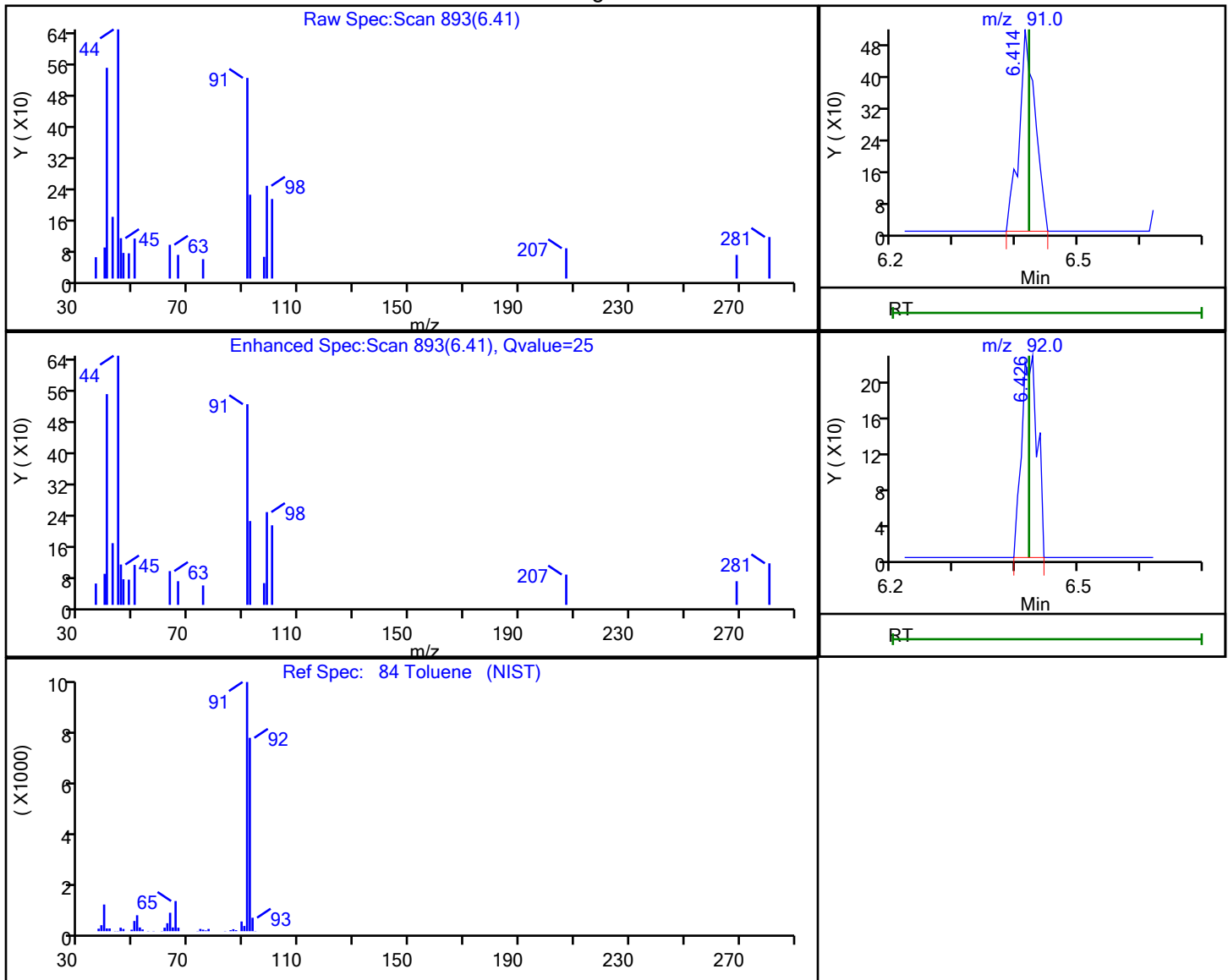
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 84 Toluene, CAS: 108-88-3

## Processing Results



Reviewer: baronm, 12-Jan-2022 17:56:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

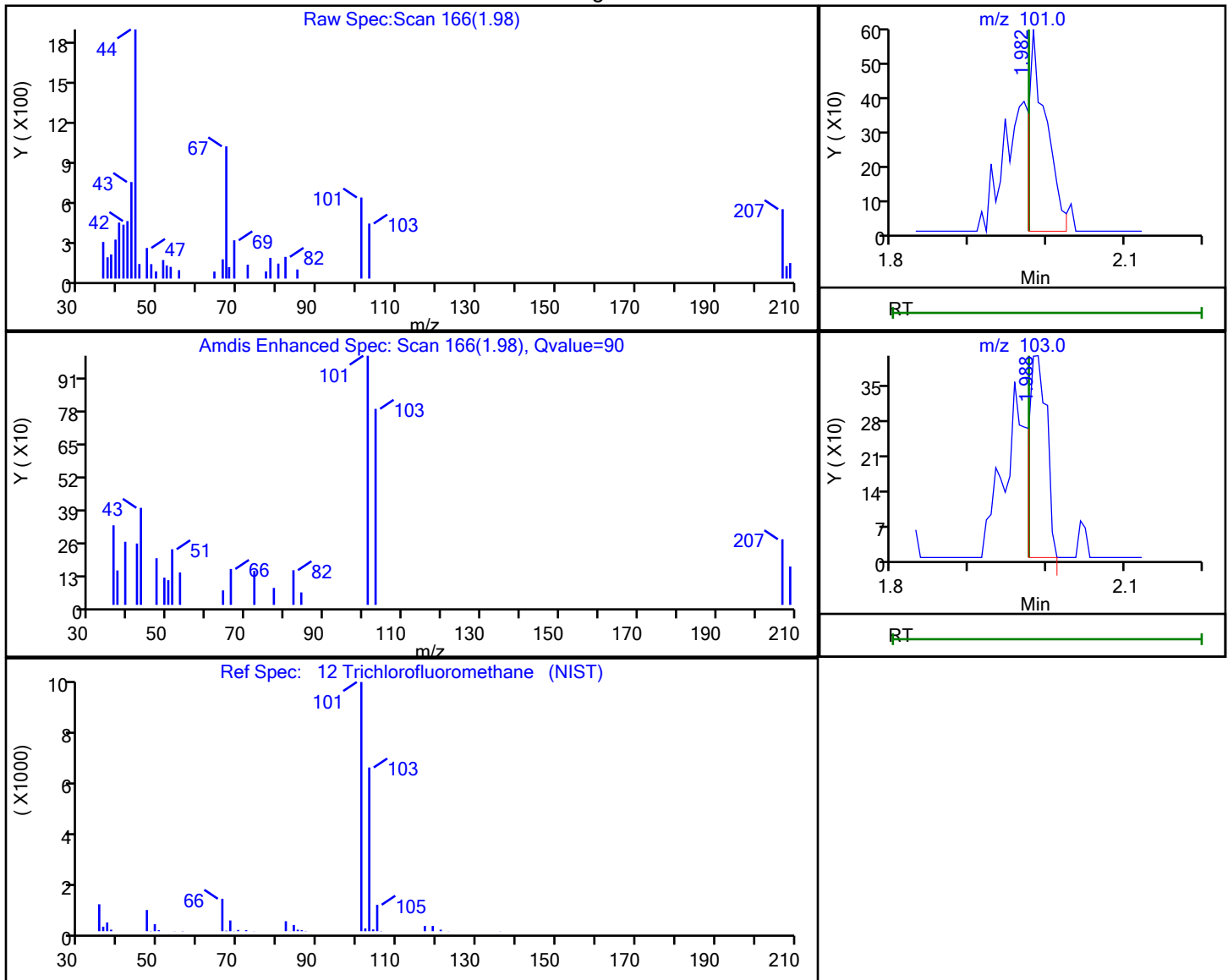
Column: DB-624 ( 0.18 mm)

Detector

MS Quad

## 12 Trichlorofluoromethane, CAS: 75-69-4

## Processing Results



RT	Mass	Response	Amount
1.98	101.00	907	0.105213
1.99	103.00	630	

Reviewer: baronm, 12-Jan-2022 17:55:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49274.D

Injection Date: 11-Jan-2022 23:00:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

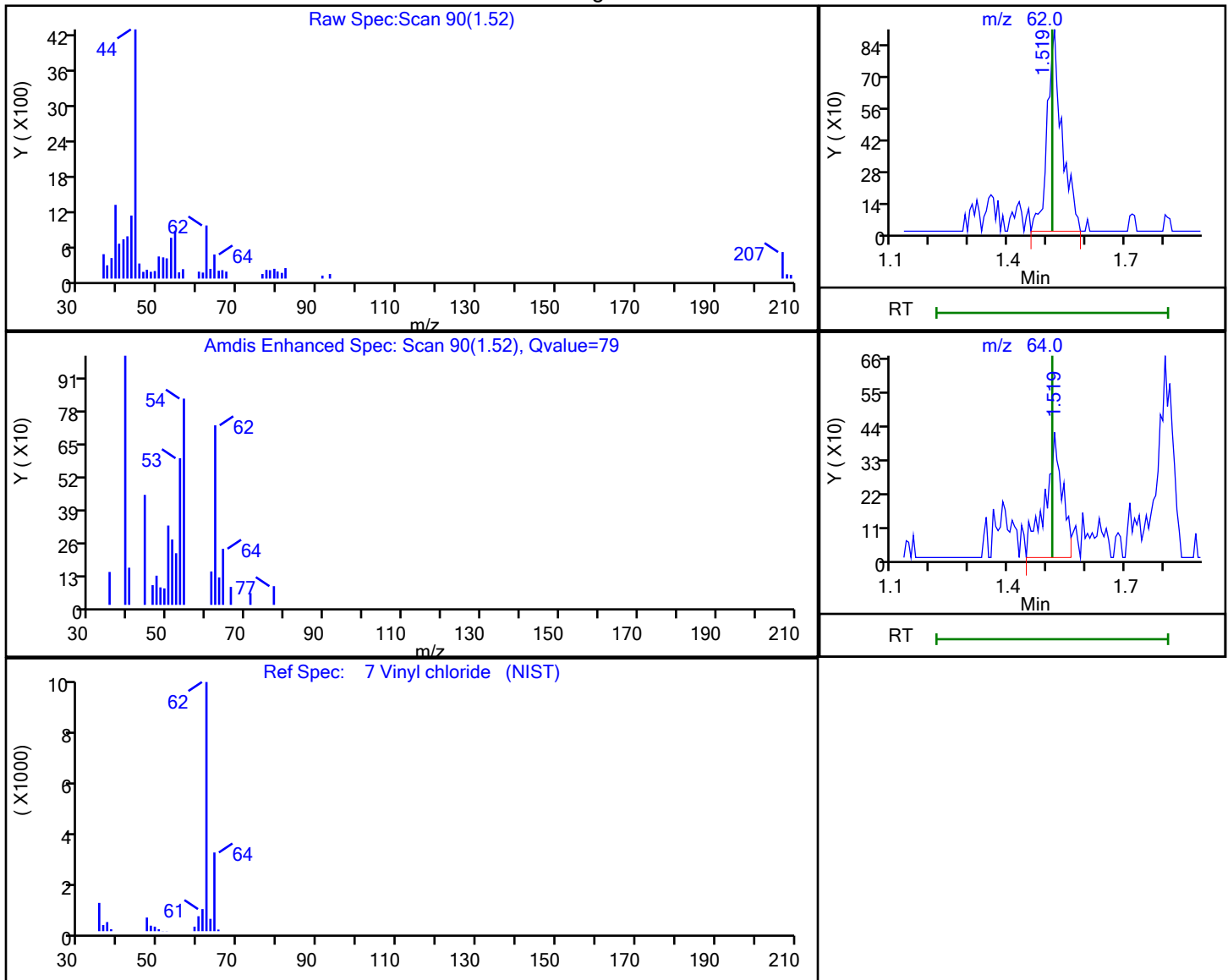
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



RT	Mass	Response	Amount
1.52	62.00	2379	0.263877
1.52	64.00	1267	

Reviewer: baronm, 12-Jan-2022 17:55:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D  
 Lims ID: STD05  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 11-Jan-2022 23:21:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD05  
 Misc. Info.: 460-0140108-004  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:37:06 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 11-Jan-2022 23:52:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.263	1.251	0.012	52	637	0.5000	0.4122	a
2 1,1-Difluoroethane	65	1.275	1.269	0.006	81	1773	0.5000	0.5071	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	52	3217	0.5000	0.4267	
5 Chlorodifluoromethane	67	1.318	1.299	0.019	99	817	0.5000	0.5851	
6 Chloromethane	50	1.446	1.434	0.012	99	4768	0.5000	0.4571	
8 Butadiene	54	1.513	1.507	0.006	91	4463	0.5000	0.4970	
7 Vinyl chloride	62	1.519	1.513	0.006	80	5028	0.5000	0.5304	
9 Bromomethane	94	1.763	1.757	0.006	95	2993	0.5000	0.5876	
10 Chloroethane	64	1.812	1.805	0.007	96	3331	0.5000	0.6114	
11 Dichlorofluoromethane	67	1.976	1.970	0.006	87	6796	0.5000	0.5257	
13 Pentane	72	1.982	1.976	0.006	97	687	1.00	0.7842	
12 Trichlorofluoromethane	101	1.976	1.976	0.000	50	3962	0.5000	0.4804	M
15 Ethyl ether	74	2.153	2.153	0.000	93	1589	0.5000	0.5324	
16 2-Methyl-1,3-butadiene	53	2.165	2.165	0.000	91	3082	0.5000	0.5326	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.208	2.208	0.000	70	1904	0.5000	0.4446	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.269	2.257	0.012	92	4068	0.5000	0.5026	a
19 Acrolein	56	2.311	2.305	0.006	78	1342	2.03	2.28	
20 1,1,2,2-Tetrafluoroethane	101	2.324	2.318	0.006	90	2105	0.5000	0.4262	
21 1,1-Dichloroethene	96	2.336	2.330	0.006	95	2902	0.5000	0.5716	
22 Acetone	43	2.421	2.421	0.000	20	6049	2.50	2.47	M
23 Iodomethane	142	2.470	2.470	0.000	98	4077	0.5000	0.5036	
25 Isopropyl alcohol	45	2.482	2.494	-0.012	30	848	5.00	5.69	M
24 Carbon disulfide	76	2.507	2.500	0.006	100	12617	0.5000	0.5566	
26 3-Chloro-1-propene	76	2.616	2.610	0.006	85	1736	0.5000	0.4937	
28 Cyclopentene	67	2.635	2.628	0.007	96	7049	0.5000	0.5068	
27 Methyl acetate	43	2.647	2.635	0.012	83	3942	1.00	0.8730	
29 Acetonitrile	41	2.738	2.696	0.042	26	4656	5.00	6.30	Ma
30 Methylene Chloride	84	2.732	2.732	0.000	46	3307	0.5000	0.5264	
* 31 TBA-d9 (IS)	66	2.769	2.744	0.025	97	37116	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	2.842	2.793	0.049	32	2114	5.00	4.97	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.884	2.872	0.012	94	7479	0.5000	0.5044	
34 trans-1,2-Dichloroethene	96	2.897	2.897	0.000	97	3178	0.5000	0.5687	
35 Acrylonitrile	53	2.976	2.976	0.000	97	10827	5.00	5.02	
36 Hexane	57	3.049	3.037	0.012	85	3699	0.5000	0.4579	
37 Isopropyl ether	45	3.238	3.232	0.006	93	12068	0.5000	0.5095	
38 1,1-Dichloroethane	63	3.269	3.262	0.007	97	6050	0.5000	0.5242	
39 Vinyl acetate	86	3.269	3.262	0.007	100	817	1.00	1.01	
40 2-Chloro-1,3-butadiene	88	3.305	3.305	0.000	93	2272	0.5000	0.4807	
41 Tert-butyl ethyl ether	59	3.531	3.525	0.006	87	9023	0.5000	0.4939	
* 42 2-Butanone-d5	46	3.708	3.701	0.007	99	344834	250.0	250.0	
43 2,2-Dichloropropane	97	3.720	3.726	-0.006	44	910	0.5000	0.4851	M
44 cis-1,2-Dichloroethene	96	3.750	3.744	0.006	90	3278	0.5000	0.5477	
45 2-Butanone (MEK)	72	3.744	3.750	-0.006	64	1279	2.50	2.80	M
46 Ethyl acetate	70	3.762	3.756	0.006	47	431	1.00	1.03	
47 Methyl acrylate	55	3.811	3.799	0.012	97	2194	0.5000	0.5365	M
48 Propionitrile	54	3.903	3.878	0.025	29	3289	5.00	4.37	M
50 Tetrahydrofuran	72	3.976	3.945	0.031	36	604	1.00	1.10	M
49 Chlorobromomethane	128	3.964	3.957	0.007	95	1354	0.5000	0.5195	
51 Methacrylonitrile	67	3.988	3.970	0.018	97	8794	5.00	4.83	
52 Chloroform	83	4.012	4.006	0.006	96	4872	0.5000	0.5119	
53 Cyclohexane	84	4.122	4.116	0.006	97	3697	0.5000	0.4662	
54 1,1,1-Trichloroethane	97	4.134	4.134	0.000	63	3882	0.5000	0.4967	
\$ 55 Dibromofluoromethane (Surr)	113	4.159	4.153	0.006	95	149032	50.0	51.1	
56 Carbon tetrachloride	117	4.250	4.250	0.000	95	3126	0.5000	0.4994	
57 1,1-Dichloropropene	75	4.281	4.274	0.007	91	3635	0.5000	0.4876	
59 Isooctane	57	4.439	4.433	0.006	96	8712	0.5000	0.4139	
58 Isobutyl alcohol	43	4.439	4.433	0.006	42	3583	12.5	10.5	a
60 Benzene	78	4.470	4.463	0.007	97	11067	0.5000	0.5496	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.488	4.482	0.006	95	188869	50.0	49.0	
62 Tert-amyl methyl ether	73	4.537	4.531	0.006	80	7632	0.5000	0.4666	
63 Isopropyl acetate	61	4.555	4.537	0.018	92	1384	0.5000	0.5129	
64 1,2-Dichloroethane	62	4.555	4.549	0.006	94	4021	0.5000	0.5679	
65 n-Heptane	100	4.616	4.616	0.000	95	519	0.5000	0.4331	
* 66 Fluorobenzene	96	4.744	4.738	0.006	97	595885	50.0	50.0	
67 n-Butanol	56	5.091	5.055	0.036	26	797	12.5	12.4	Ma
68 Trichloroethene	95	5.073	5.073	0.000	94	2520	0.5000	0.5013	
69 Methylcyclohexane	83	5.195	5.189	0.006	85	3762	0.5000	0.4218	
70 Ethyl acrylate	99	5.207	5.195	0.012	91	188	0.5000	0.2714	Ma
71 1,2-Dichloropropane	63	5.360	5.354	0.006	90	2814	0.5000	0.4816	
* 72 1,4-Dioxane-d8	96	5.421	5.421	0.000	92	17850	1000.0	1000.0	
73 Methyl methacrylate	100	5.445	5.439	0.006	92	759	1.00	0.8576	
75 1,4-Dioxane	88	5.482	5.475	0.007	37	281	25.0	13.0	a
74 Dibromomethane	93	5.488	5.475	0.013	89	1486	0.5000	0.5160	M
76 n-Propyl acetate	43	5.500	5.494	0.006	97	2852	0.5000	0.4354	
77 Dichlorobromomethane	83	5.634	5.628	0.006	96	3095	0.5000	0.4783	
78 2-Nitropropane	41	5.963	5.957	0.006	82	2211	1.00	1.73	M
79 2-Chloroethyl vinyl ether	63	5.969	5.963	0.006	62	1270	0.5012	0.4712	
80 Epichlorohydrin	57	6.061	6.061	0.000	97	3870	10.0	10.4	
81 cis-1,3-Dichloropropene	75	6.116	6.109	0.007	94	3258	0.5000	0.4702	
82 4-Methyl-2-pentanone (MIBK)	58	6.292	6.286	0.006	94	3764	2.50	2.14	a
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	98	483032	50.0	51.5	
84 Toluene	91	6.420	6.420	0.000	92	10839	0.5000	0.5801	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.768	6.768	0.000	95	2801	0.5000	0.4894	
86 Ethyl methacrylate	69	6.823	6.817	0.006	89	2211	0.5000	0.4472	
87 1,1,2-Trichloroethane	83	6.981	6.975	0.006	90	1533	0.5000	0.5027	
88 Tetrachloroethene	166	7.006	7.006	0.000	90	1898	0.5000	0.5065	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	94	3197	0.5000	0.5255	
90 2-Hexanone	43	7.262	7.262	0.000	97	6110	2.50	2.18	
91 n-Butyl acetate	43	7.384	7.378	0.006	97	4106	0.5000	0.5553	
92 Chlorodibromomethane	129	7.402	7.402	0.000	93	1565	0.5000	0.4775	
93 Ethylene Dibromide	107	7.548	7.548	0.000	96	1571	0.5000	0.5236	
* 94 Chlorobenzene-d5	117	8.091	8.085	0.006	90	347115	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	95	5530	0.5000	0.5225	
96 Ethylbenzene	106	8.237	8.231	0.006	100	2985	0.5000	0.5019	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	88	2287	0.5000	0.5319	
98 m-Xylene & p-Xylene	106	8.396	8.390	0.006	98	3657	0.5000	0.5083	
99 o-Xylene	106	8.908	8.908	0.000	90	3461	0.5000	0.4624	
100 n-Butyl acrylate	73	8.926	8.926	0.000	96	1487	0.5000	0.4933	
101 Styrene	104	8.944	8.950	-0.006	92	4711	0.5000	0.4370	
102 Bromoform	173	9.200	9.206	-0.006	90	852	0.5000	0.4370	
103 Amyl acetate (mixed isomers)	43	9.231	9.225	0.006	89	3787	0.5000	0.2651	
104 Isopropylbenzene	105	9.371	9.371	0.000	97	8968	0.5000	0.4434	
\$ 105 4-Bromofluorobenzene	174	9.597	9.597	0.000	0	125017	50.0	52.4	
106 Bromobenzene	156	9.743	9.743	0.000	90	2238	0.5000	0.4863	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	92	2376	0.5000	0.4386	
108 N-Propylbenzene	91	9.847	9.847	0.000	98	12538	0.5000	0.4500	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	91	641	0.5000	0.4863	
110 trans-1,4-Dichloro-2-butene	53	9.908	9.901	0.007	68	634	0.5000	0.4594	a
111 2-Chlorotoluene	91	9.956	9.956	0.000	98	8733	0.5000	0.4626	
112 4-Ethyltoluene	105	9.981	9.981	0.000	97	9052	0.5000	0.4423	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	92	7204	0.5000	0.3945	
114 4-Chlorotoluene	91	10.084	10.084	0.000	97	7975	0.5000	0.4610	
115 Butyl Methacrylate	87	10.188	10.188	0.000	96	1958	0.5000	0.2400	
116 tert-Butylbenzene	119	10.371	10.371	0.000	88	5483	0.5000	0.2980	
117 1,2,4-Trimethylbenzene	105	10.432	10.438	-0.006	98	7578	0.5000	0.4064	
118 sec-Butylbenzene	105	10.590	10.590	0.000	99	9469	0.5000	0.3898	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	92	4633	0.5000	0.5025	
120 4-Isopropyltoluene	119	10.737	10.737	0.000	96	7815	0.5000	0.4010	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.792	-0.001	98	194435	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	92	4940	0.5000	0.5319	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	98	8914	0.5000	0.4468	
124 Benzyl chloride	91	10.962	10.962	0.000	97	3869	0.5000	0.4374	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	93	8017	0.5000	0.4503	
126 p-Diethylbenzene	119	11.090	11.090	0.000	90	4759	0.5000	0.4541	
127 n-Butylbenzene	92	11.115	11.115	0.000	96	5325	0.5000	0.4495	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	91	5080	0.5000	0.5422	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	97	7072	0.5000	0.3898	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	78	346	0.5000	0.3812	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	92	4179	0.5000	0.5207	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	91	3958	0.5000	0.5108	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	85	1390	0.5000	0.4759	
134 Naphthalene	128	12.663	12.663	0.000	98	7735	0.5000	0.4610	
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	93	3492	0.5000	0.4930	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.12	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1.00	0.9707	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.9595	
S 140 Total BTEX	1				0		2.50	2.60	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00149	Amount Added: 5.00	Units: uL	
524freon_00047	Amount Added: 5.00	Units: uL	
ACROLEIN W_00135	Amount Added: 2.00	Units: uL	
14DIOXINTER_00137	Amount Added: 15.00	Units: uL	
GASES Li_00458	Amount Added: 5.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

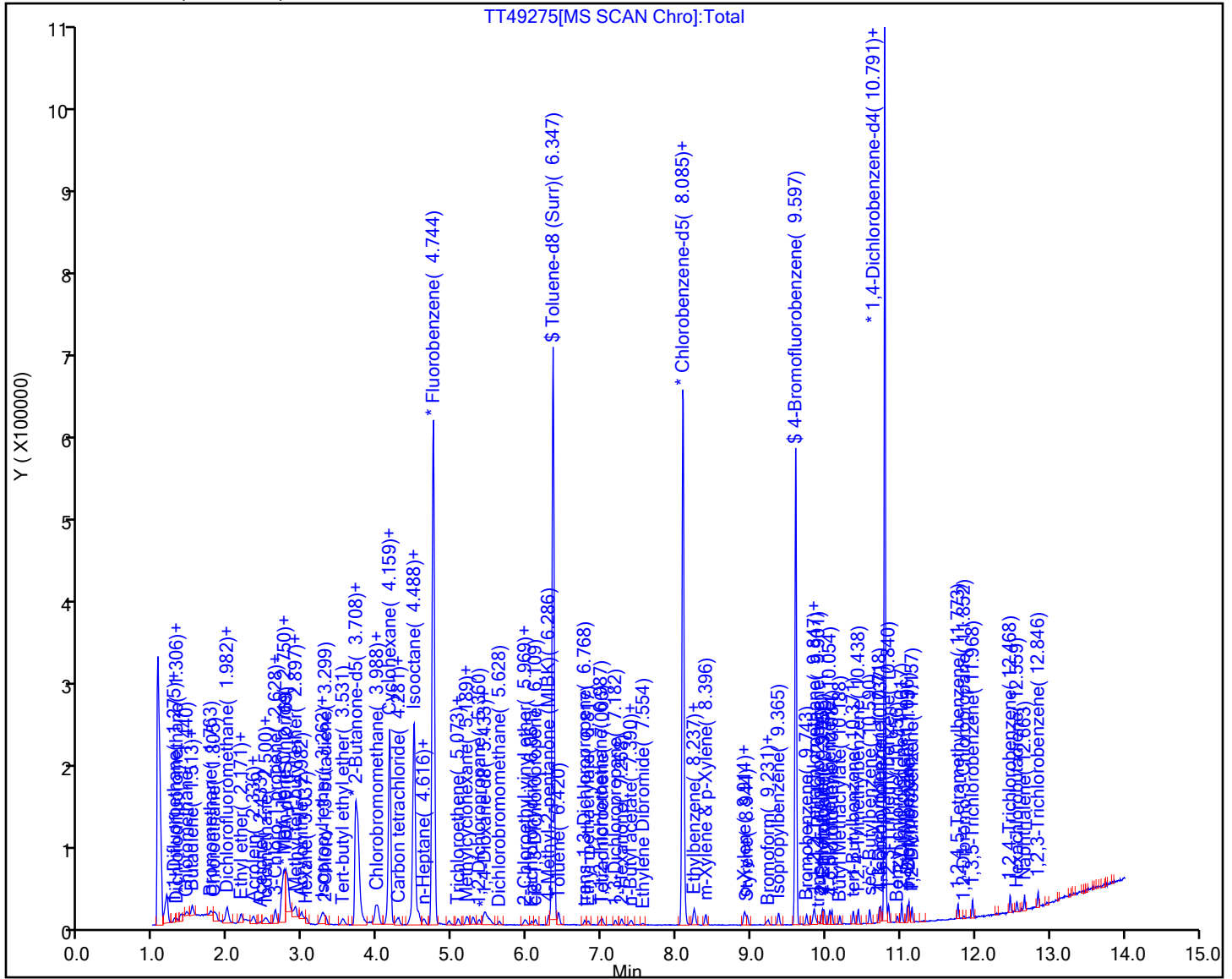
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

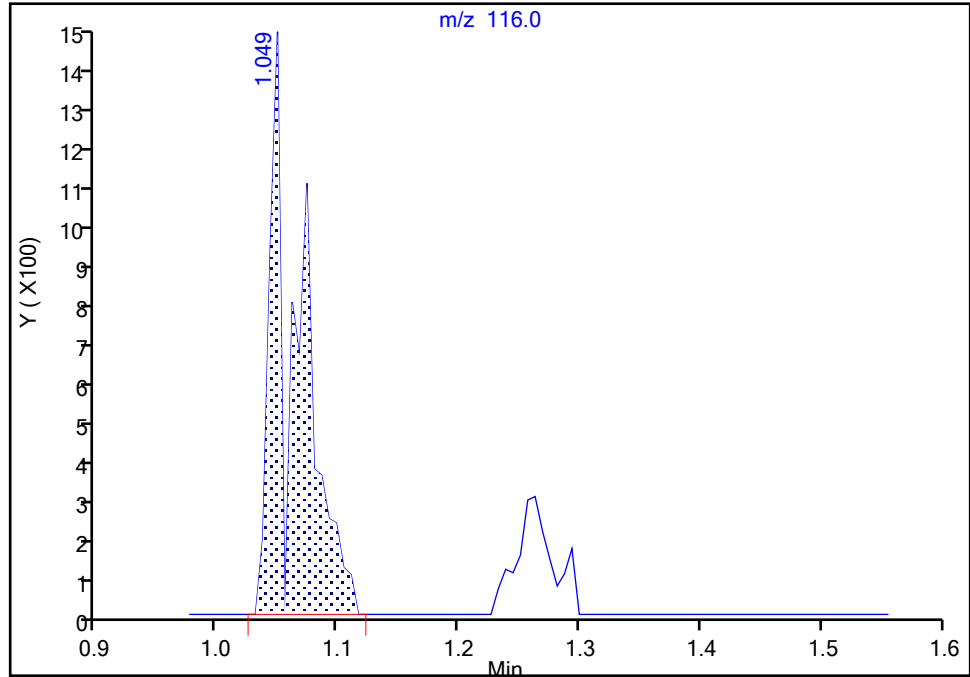
MS Quad

**3 Chlorotrifluoroethene, CAS: 79-38-9**

Signal: 1

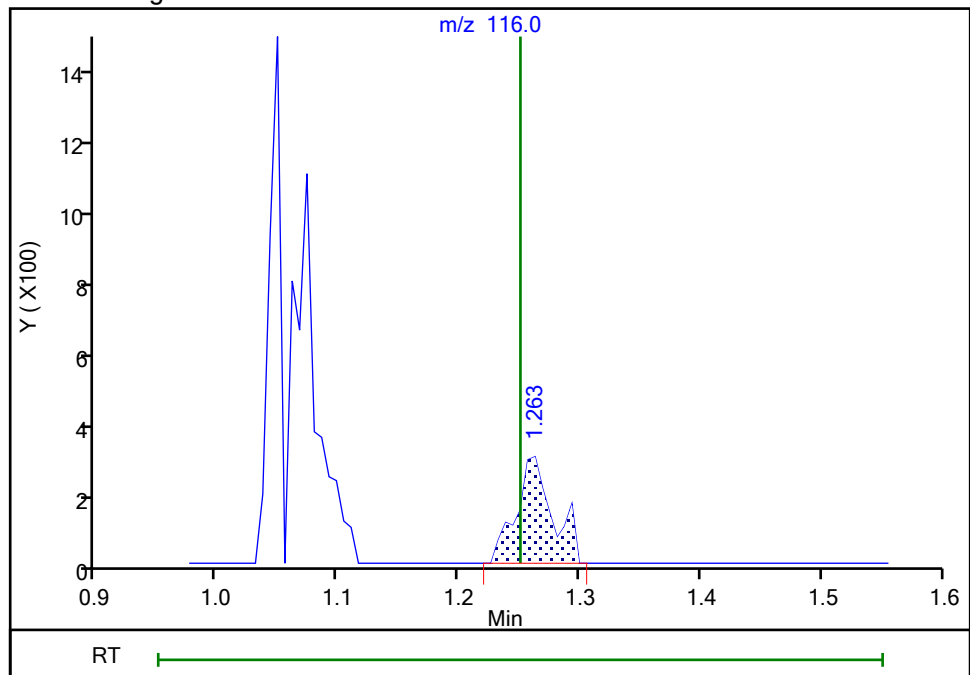
RT: 1.05  
Area: 2429  
Amount: 1.056375  
Amount Units: ug/l

## Processing Integration Results



RT: 1.26  
Area: 637  
Amount: 0.412217  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:33:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

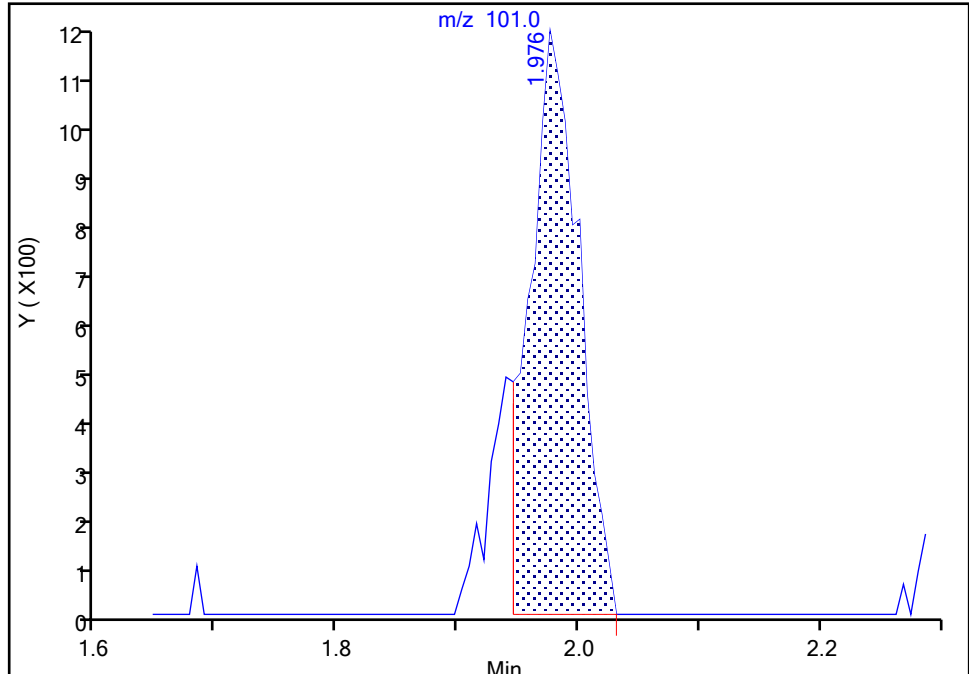
MS Quad

**12 Trichlorofluoromethane, CAS: 75-69-4**

Signal: 1

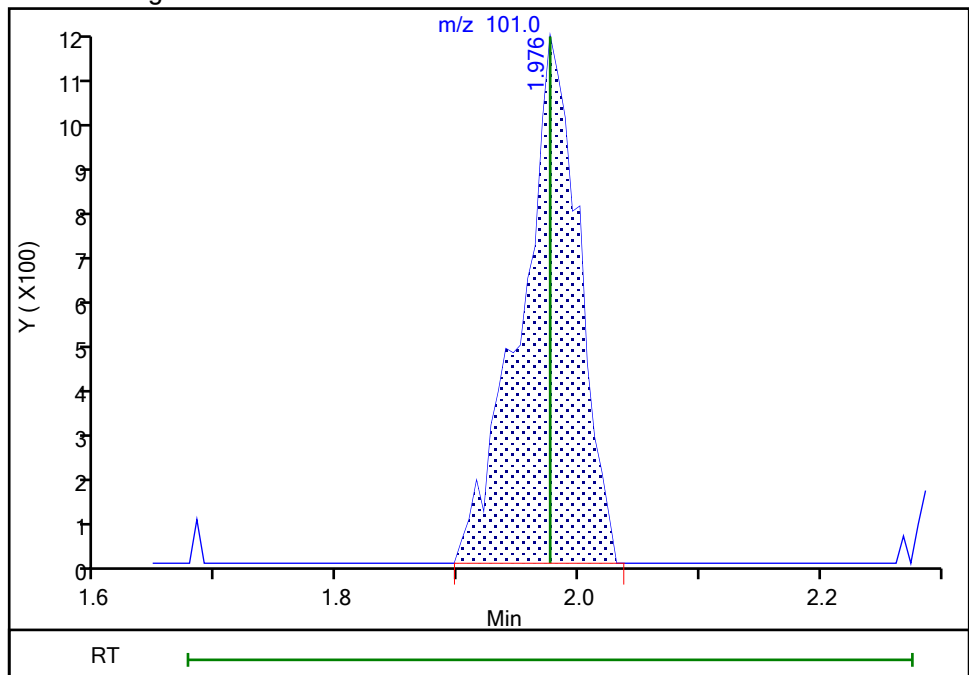
RT: 1.98  
Area: 3369  
Amount: 0.417077  
Amount Units: ug/l

## Processing Integration Results



RT: 1.98  
Area: 3962  
Amount: 0.480413  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 17:58:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

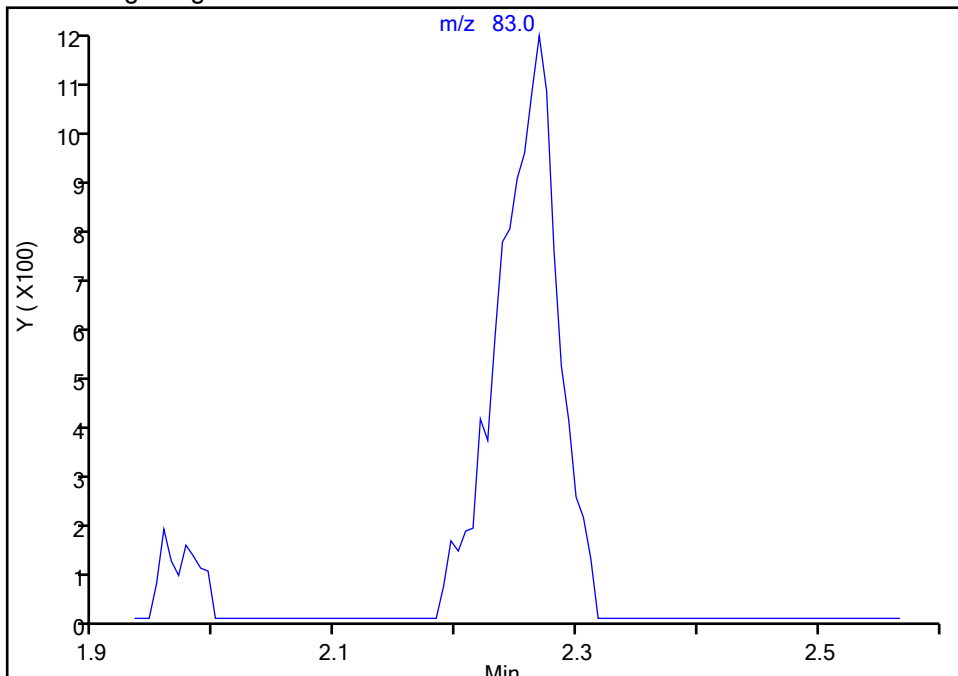
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

Expected RT: 2.26

## Processing Integration Results



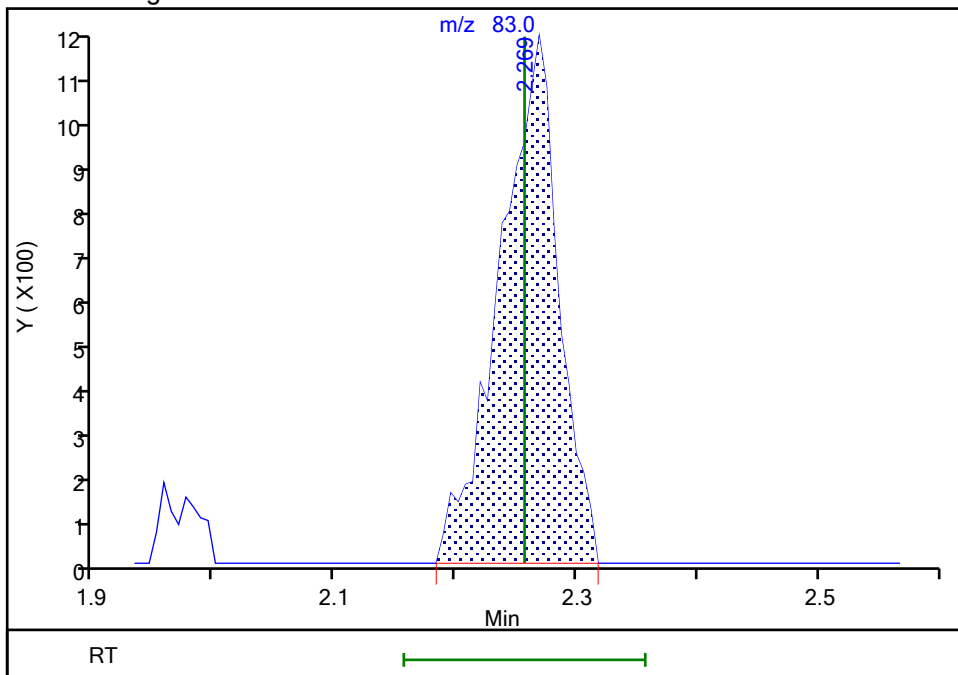
RT: 2.27

Area: 4068

Amount: 0.502599

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 11-Jan-2022 23:57:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

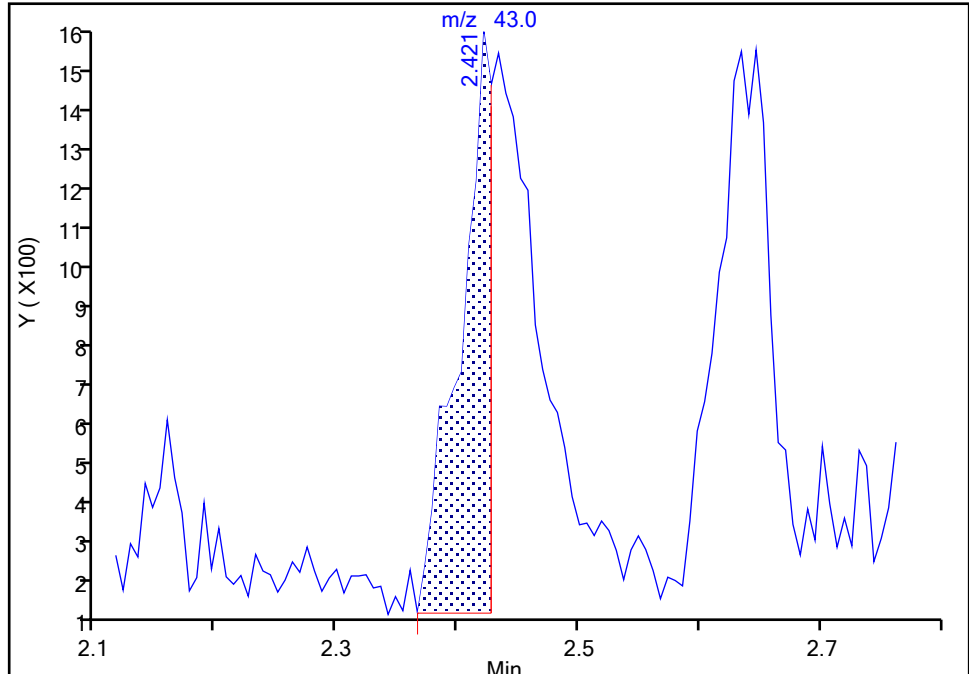
Detector: MS Quad

**22 Acetone, CAS: 67-64-1**

Signal: 1

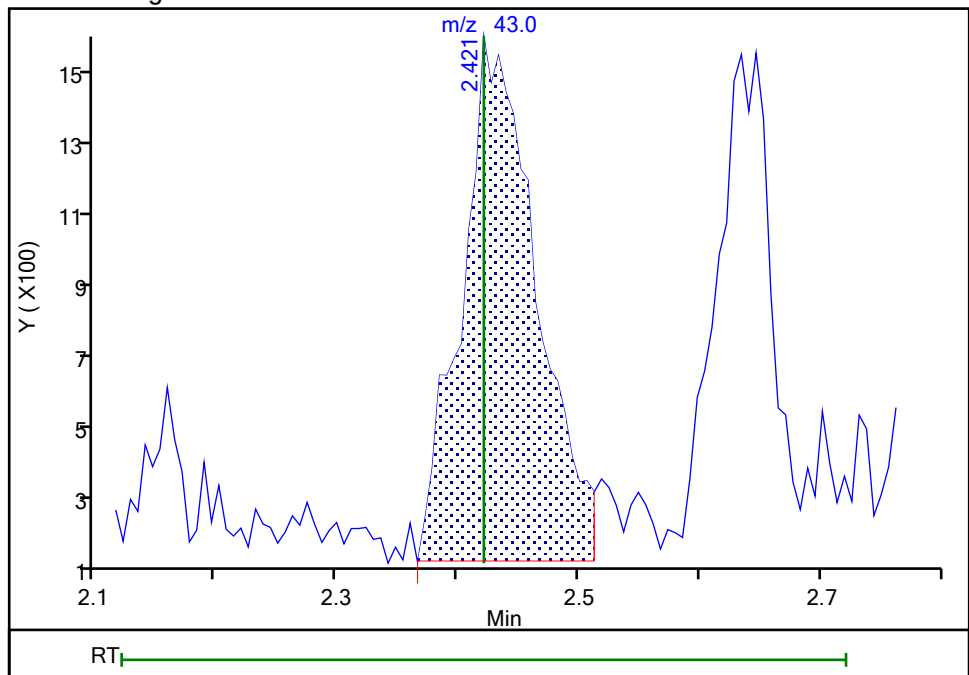
RT: 2.42  
Area: 2607  
Amount: 2.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.42  
Area: 6049  
Amount: 2.471392  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:45:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

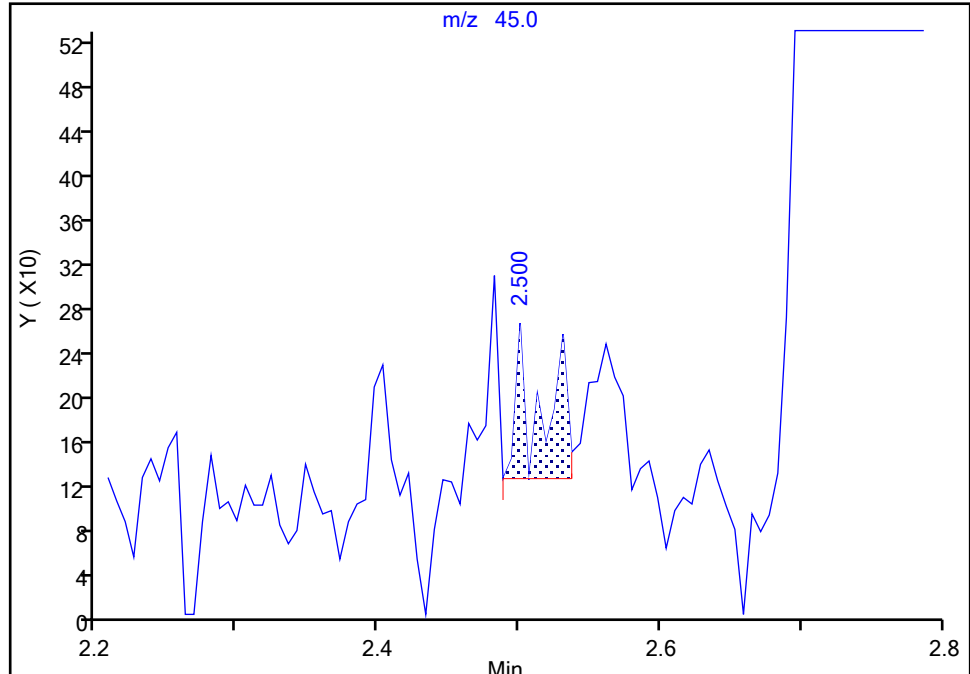
Detector: MS Quad

**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

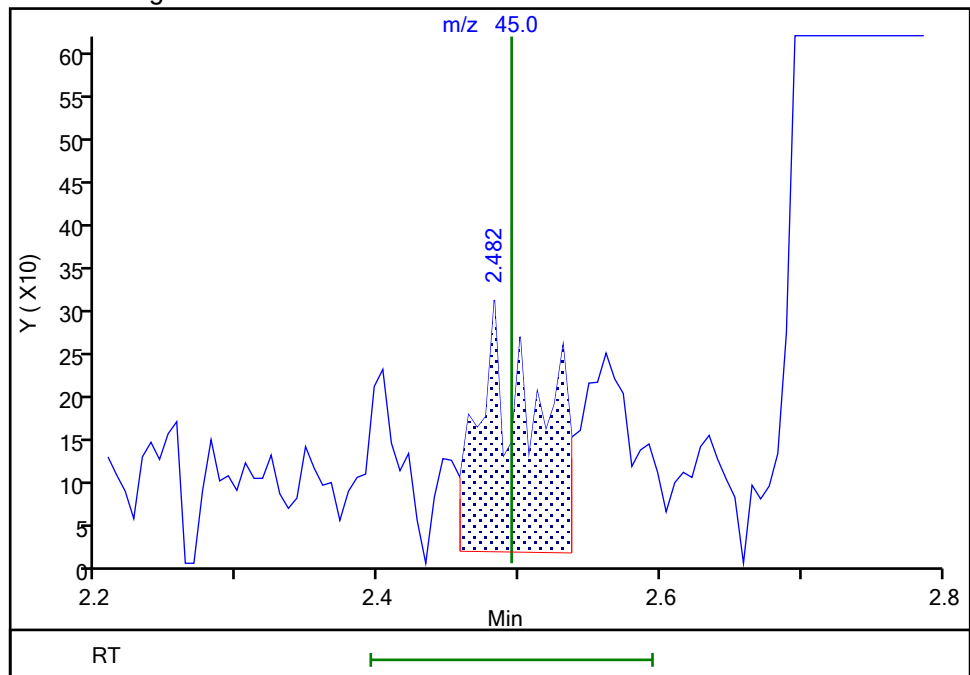
RT: 2.50  
Area: 177  
Amount: 1.143681  
Amount Units: ug/l

## Processing Integration Results



RT: 2.48  
Area: 848  
Amount: 5.686968  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:48:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

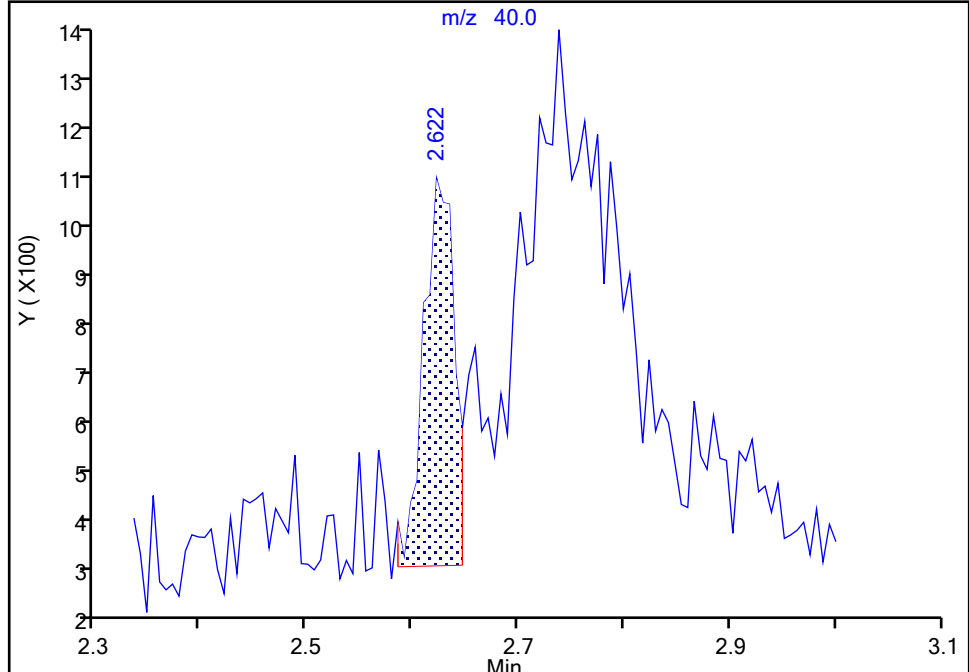
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

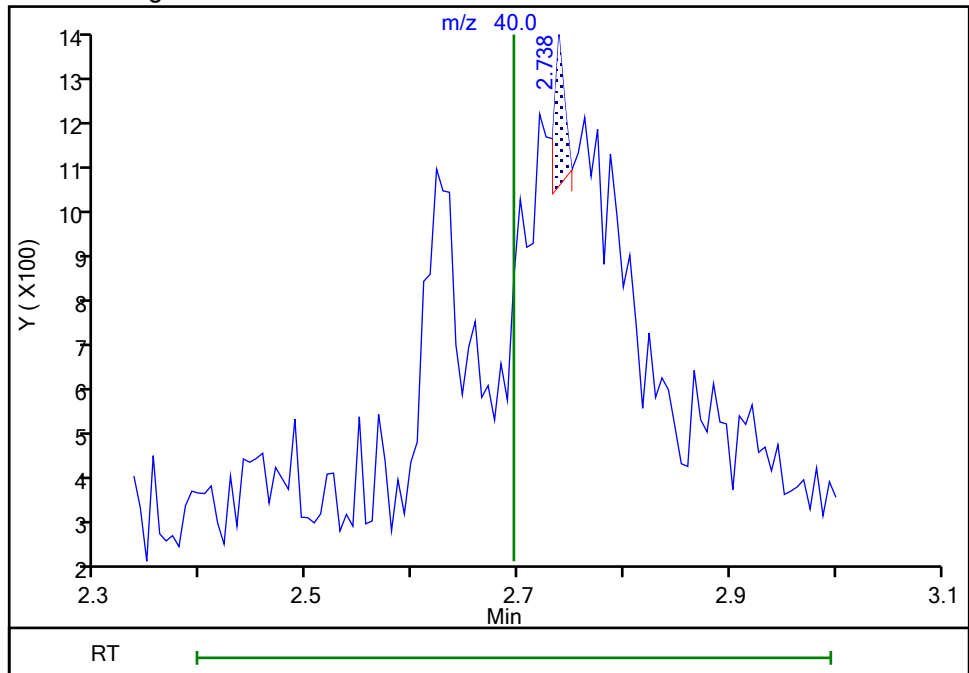
RT: 2.62  
Area: 1519  
Amount: 11.200590  
Amount Units: ug/l

## Processing Integration Results



RT: 2.74  
Area: 213  
Amount: 6.302631  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:30:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

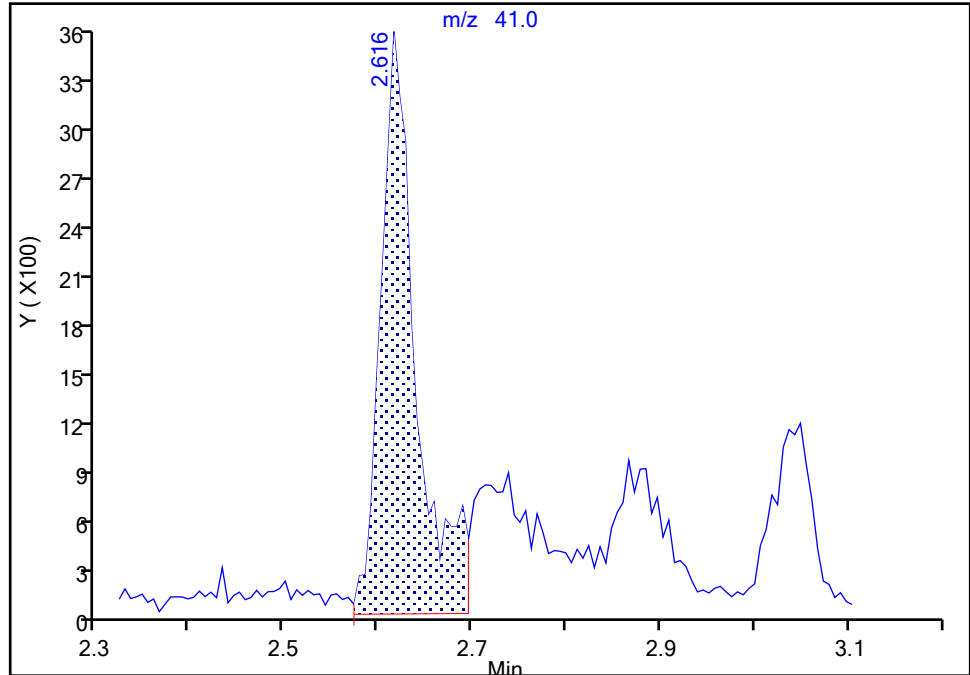
MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 2

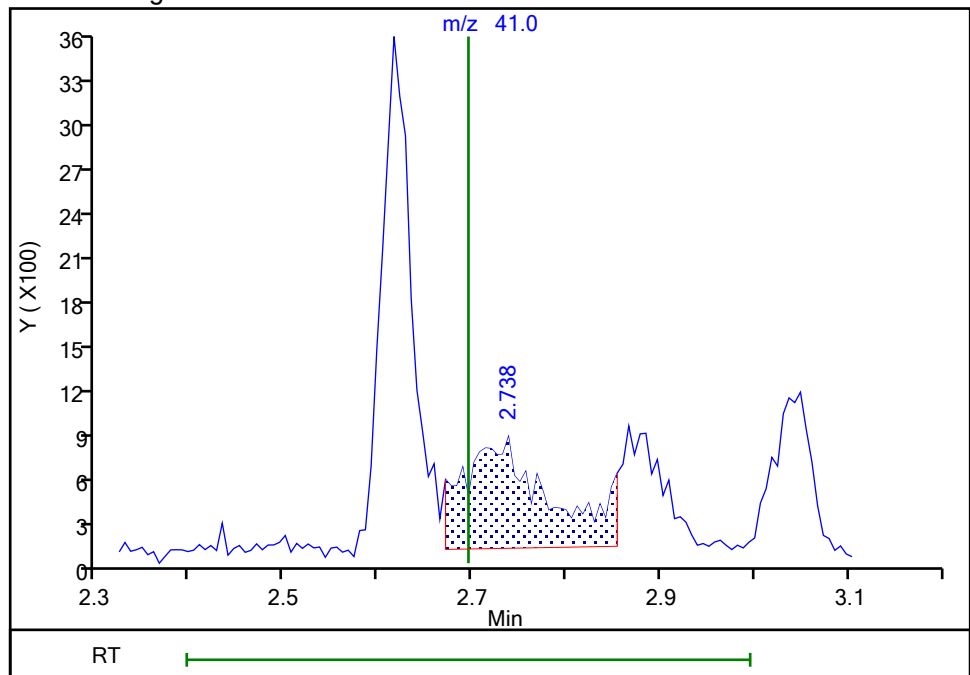
RT: 2.62  
Area: 9151  
Amount: 11.200590  
Amount Units: ug/l

## Processing Integration Results



RT: 2.74  
Area: 4656  
Amount: 6.302631  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:30:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration  
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01/18/2022

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

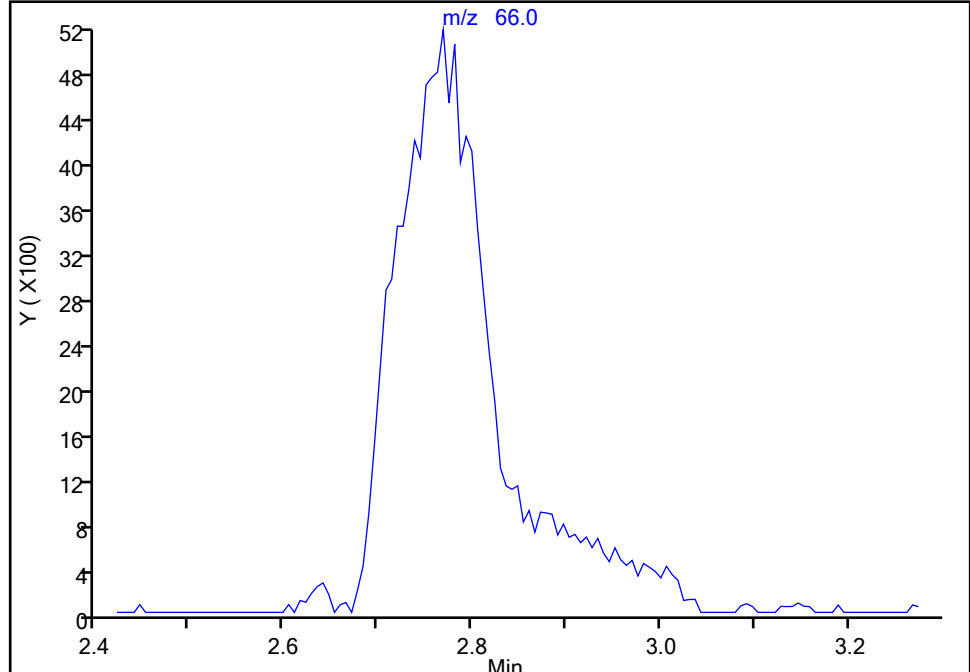
\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

Not Detected

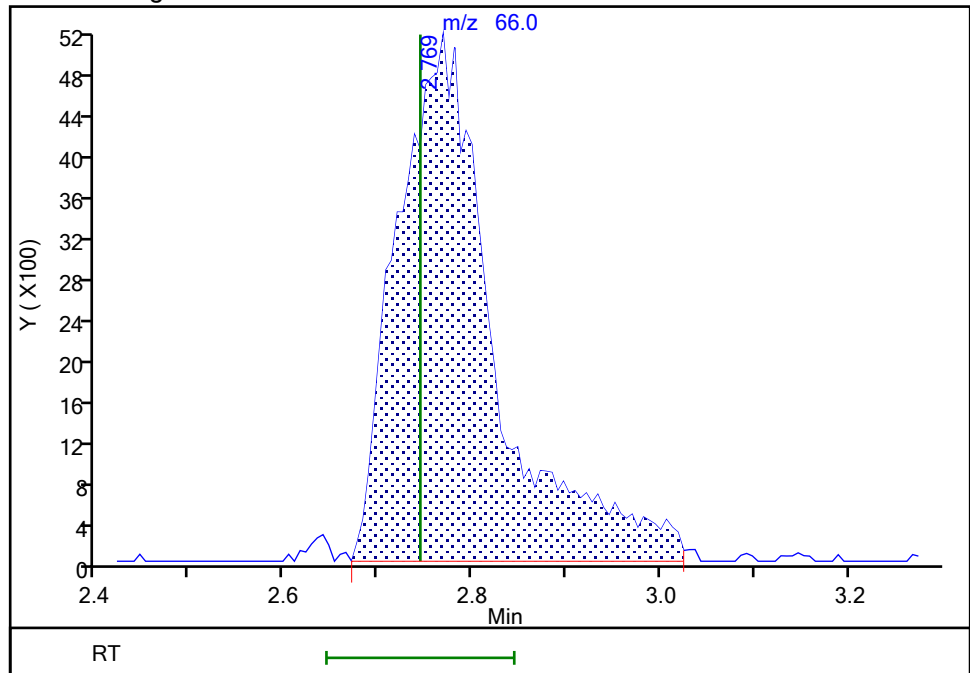
Expected RT: 2.74

## Processing Integration Results



RT: 2.77  
Area: 37116  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 11-Jan-2022 23:56:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

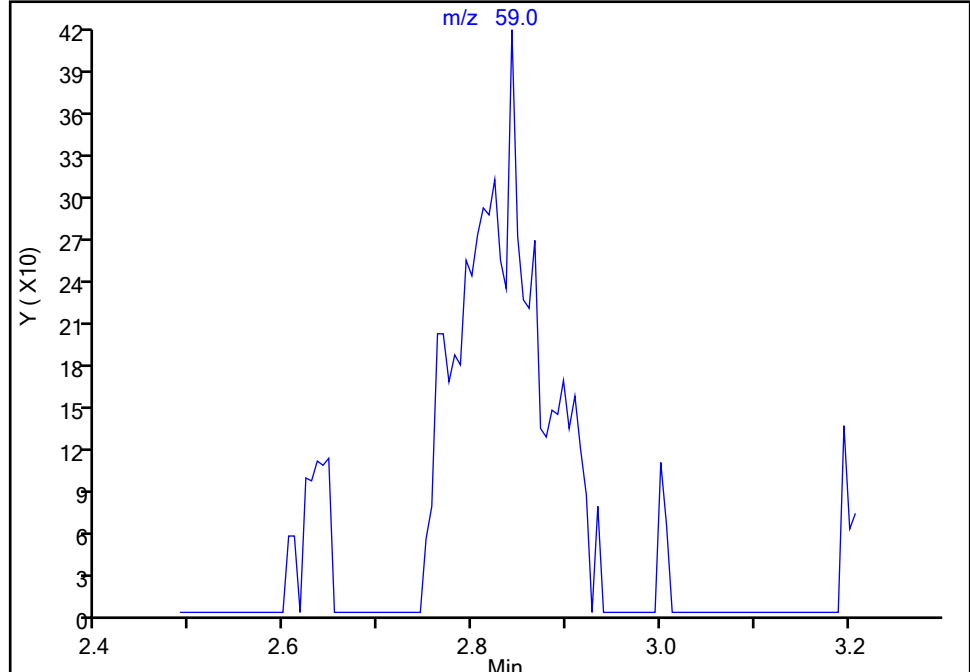
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

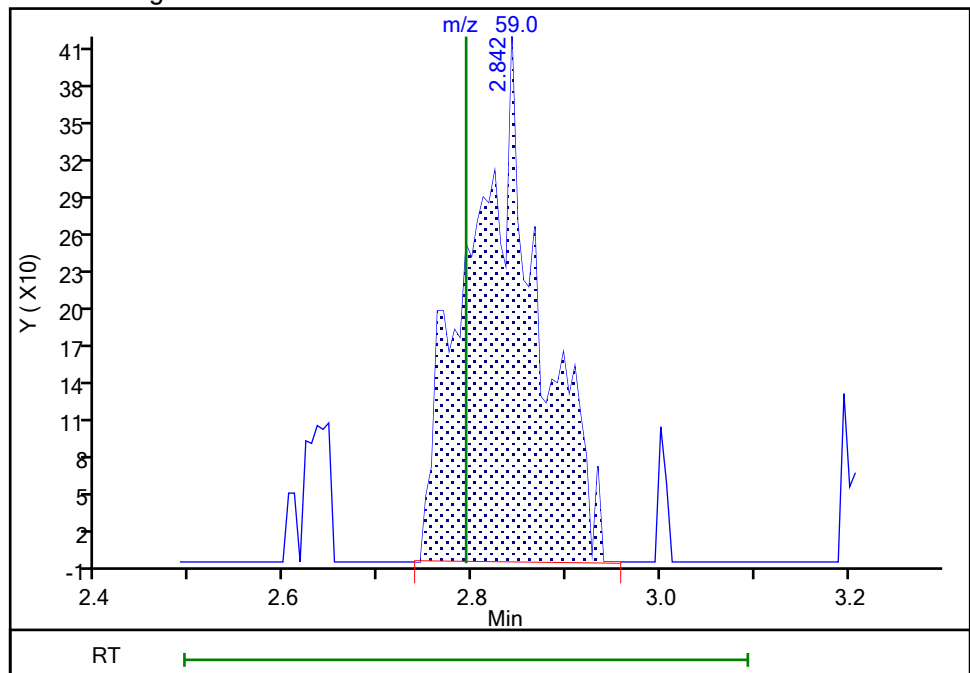
Not Detected

Expected RT: 2.79

## Processing Integration Results



## Manual Integration Results



RT: 2.84

Area: 2114

Amount: 4.967029

Amount Units: ug/l

Reviewer: boykink, 11-Jan-2022 23:58:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

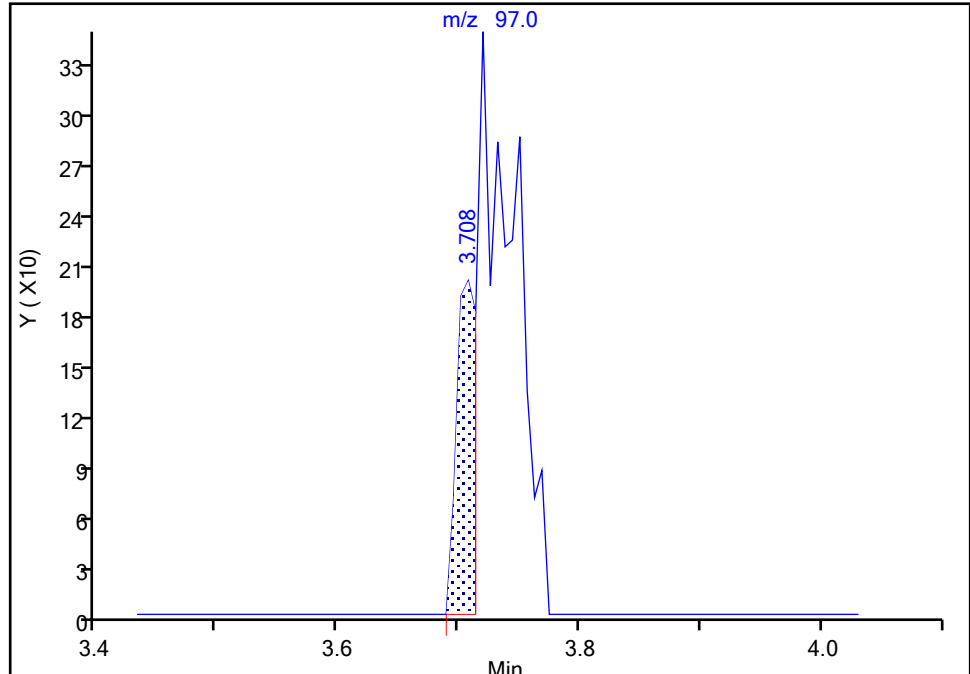
Detector: MS Quad

**43 2,2-Dichloropropane, CAS: 594-20-7**

Signal: 1

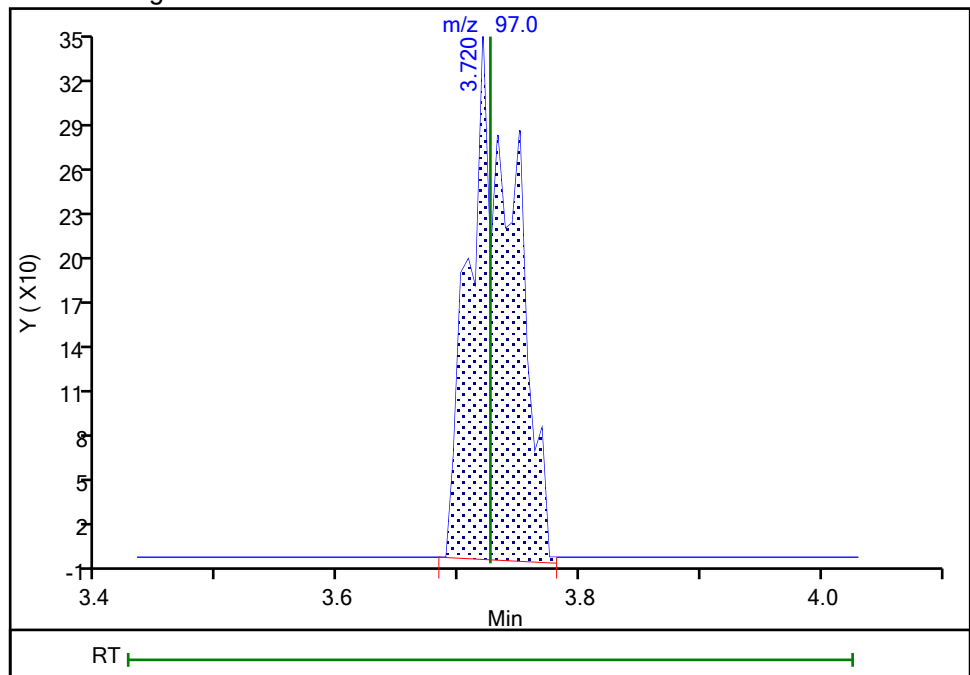
RT: 3.71  
Area: 231  
Amount: 0.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 3.72  
Area: 910  
Amount: 0.485088  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 11-Jan-2022 23:59:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

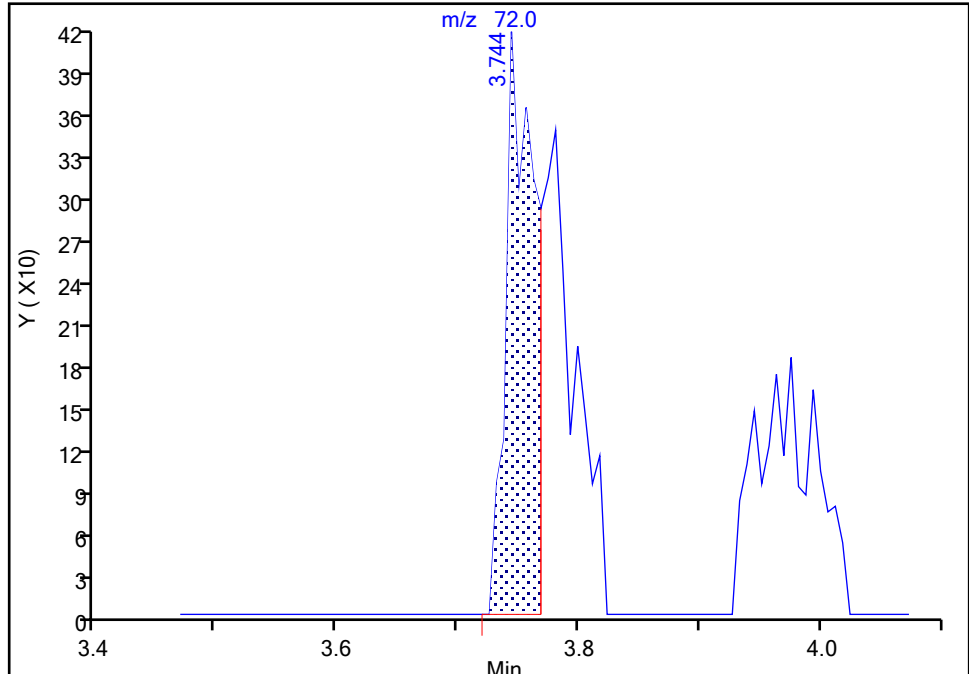
Detector: MS Quad

**45 2-Butanone (MEK), CAS: 78-93-3**

Signal: 1

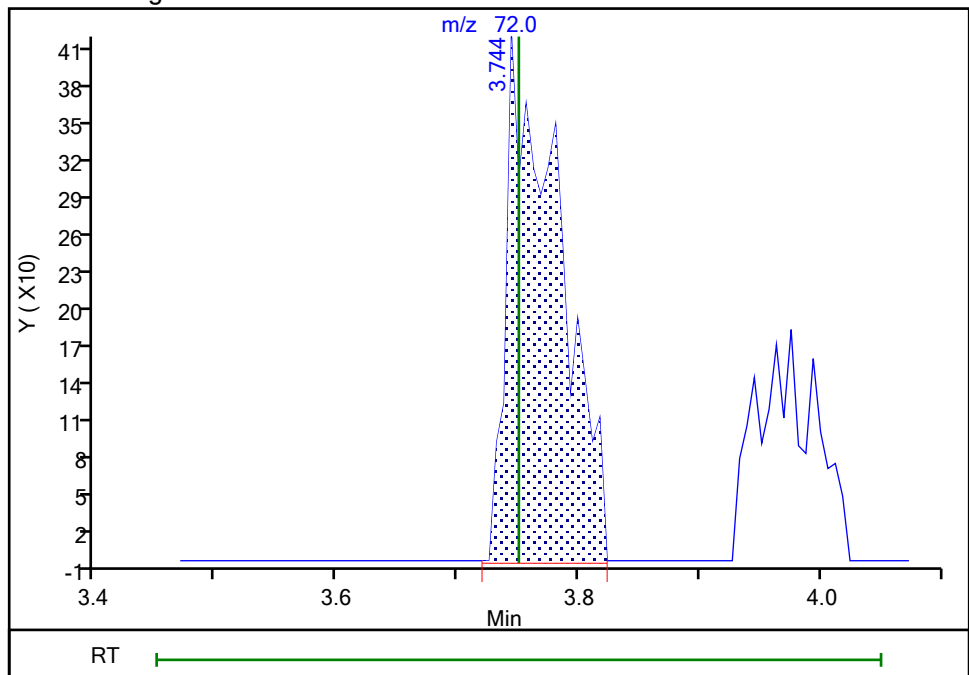
RT: 3.74  
Area: 693  
Amount: 1.635142  
Amount Units: ug/l

## Processing Integration Results



RT: 3.74  
Area: 1279  
Amount: 2.796838  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:48:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

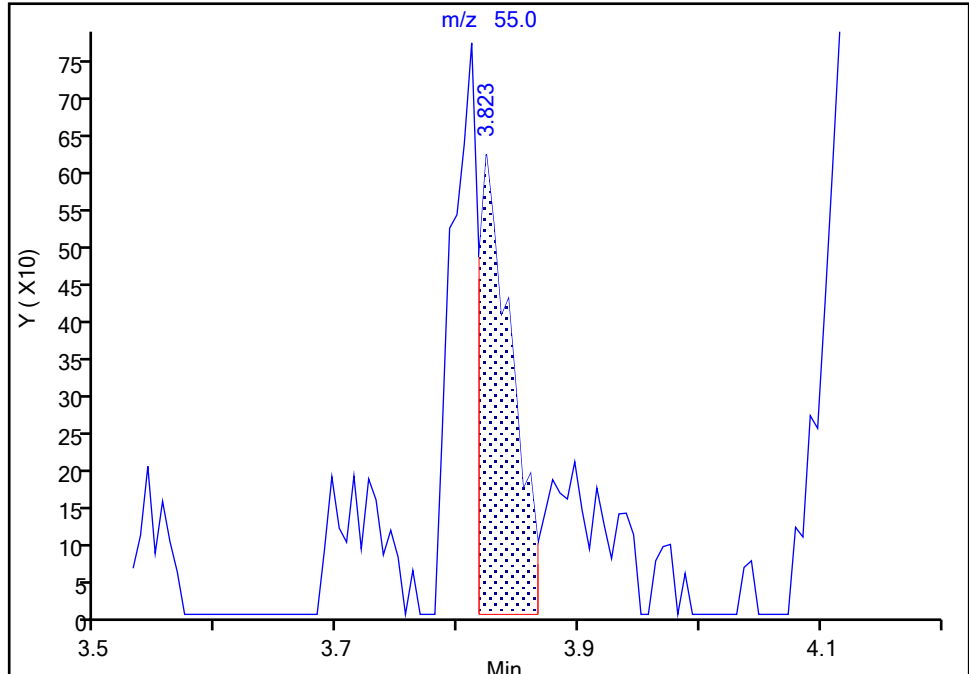
Detector: MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

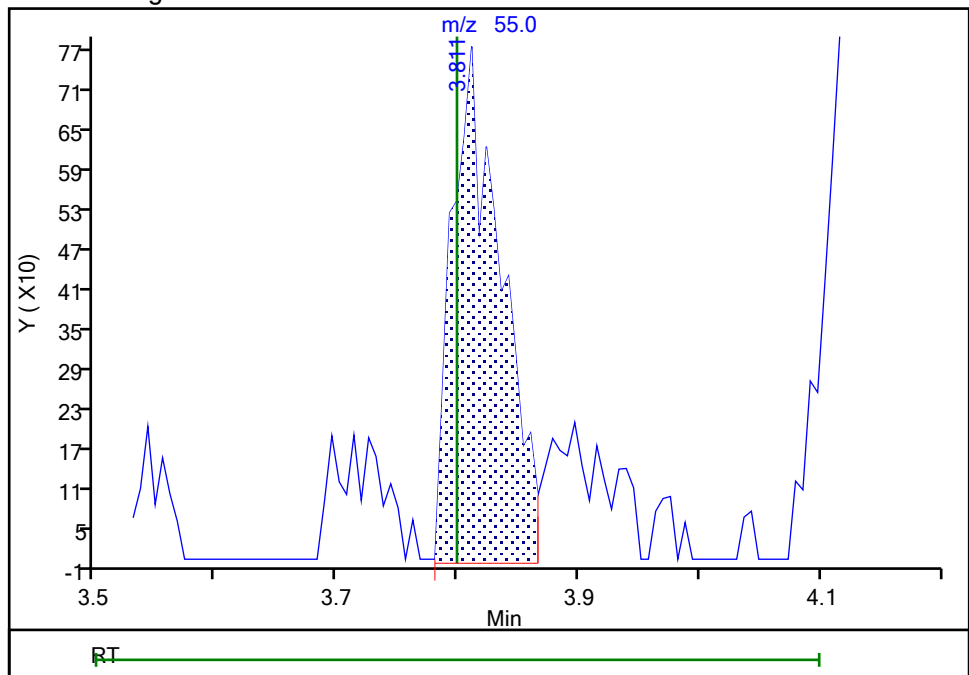
RT: 3.82  
Area: 1172  
Amount: 0.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 3.81  
Area: 2194  
Amount: 0.536549  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 11-Jan-2022 23:59:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

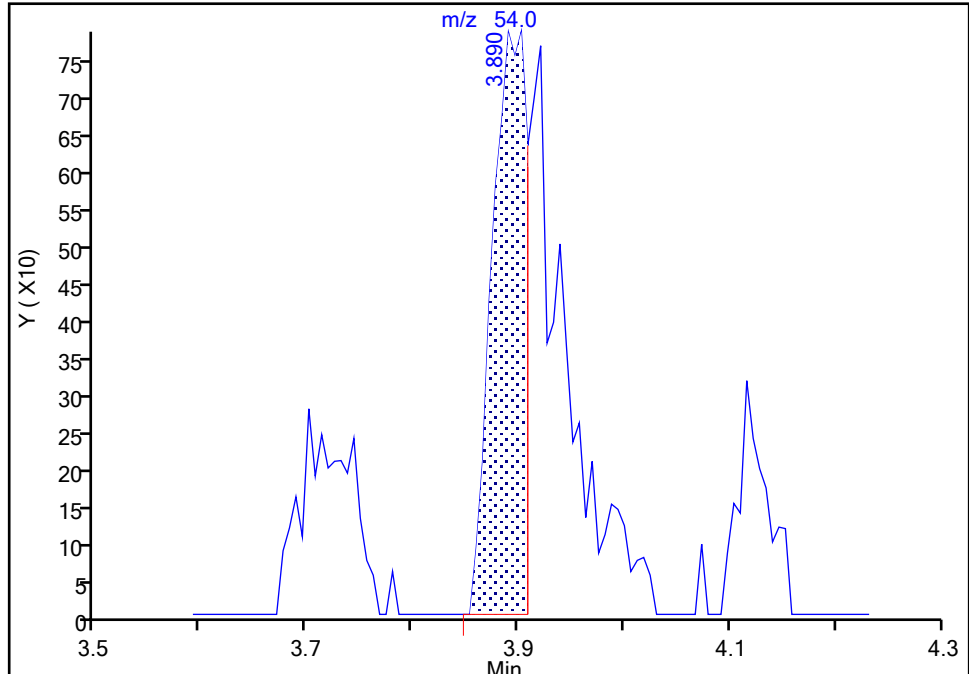
Detector: MS Quad

**48 Propionitrile, CAS: 107-12-0**

Signal: 1

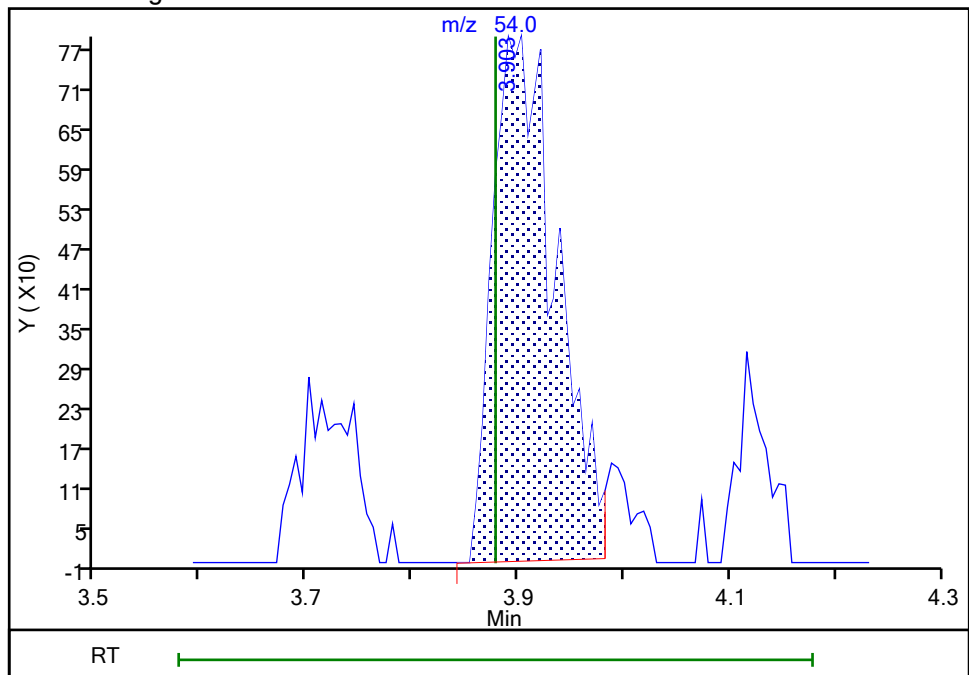
RT: 3.89  
Area: 1805  
Amount: 5.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 3.90  
Area: 3289  
Amount: 4.369492  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 11-Jan-2022 23:59:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

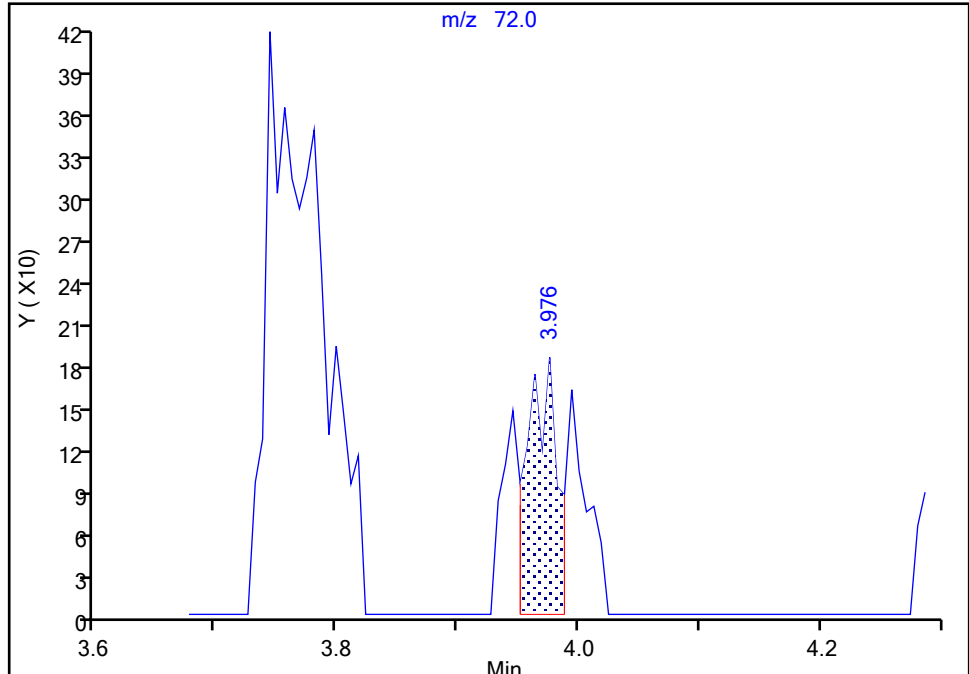
MS Quad

**50 Tetrahydrofuran, CAS: 109-99-9**

Signal: 1

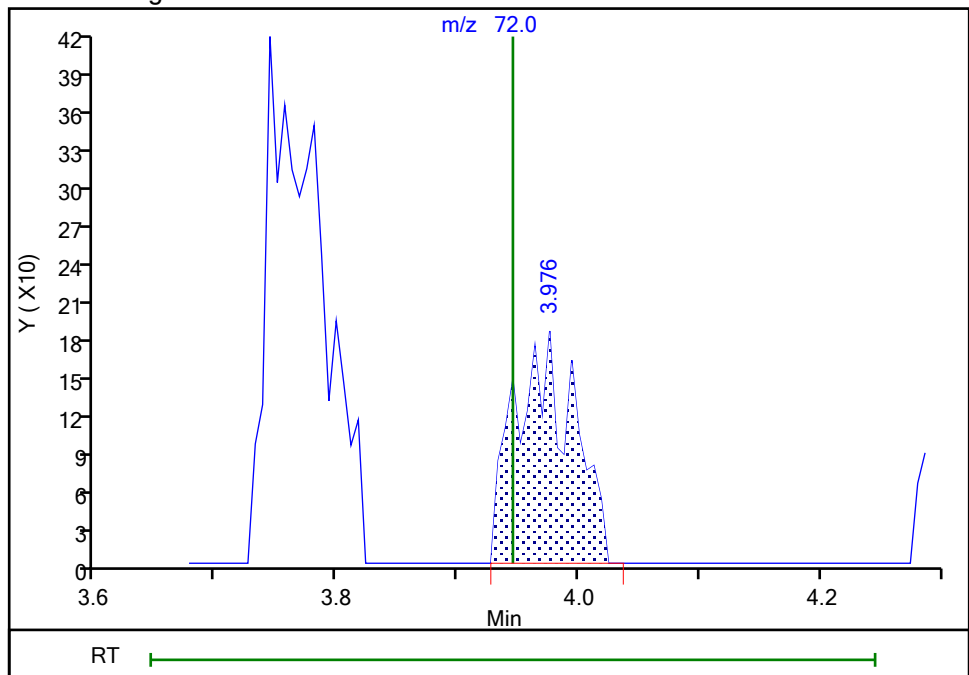
RT: 3.98  
Area: 313  
Amount: 1.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 3.98  
Area: 604  
Amount: 1.102459  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 11-Jan-2022 23:59:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

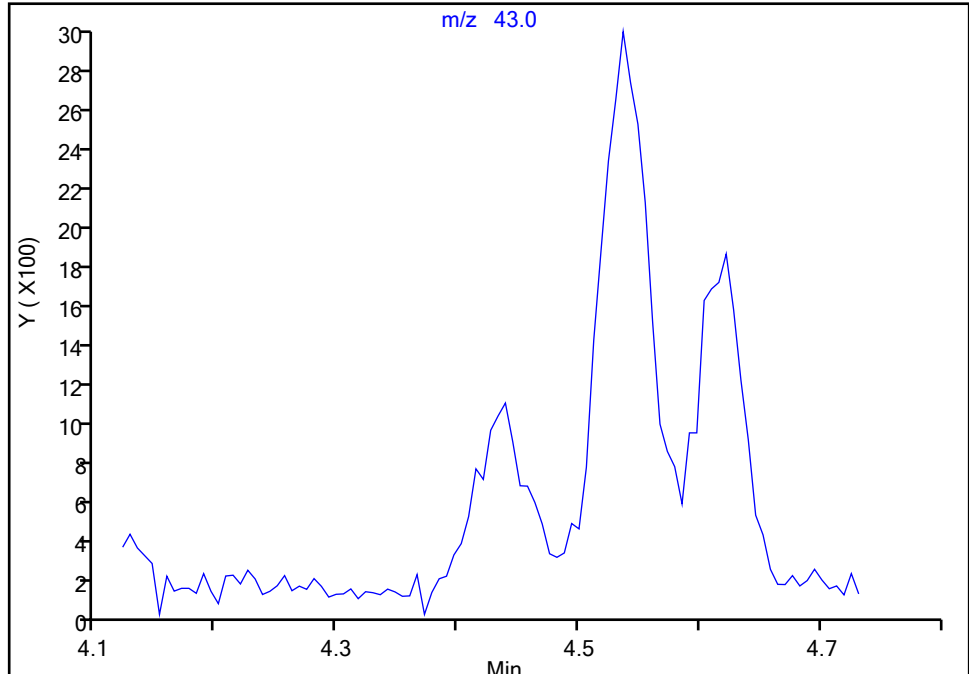
**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

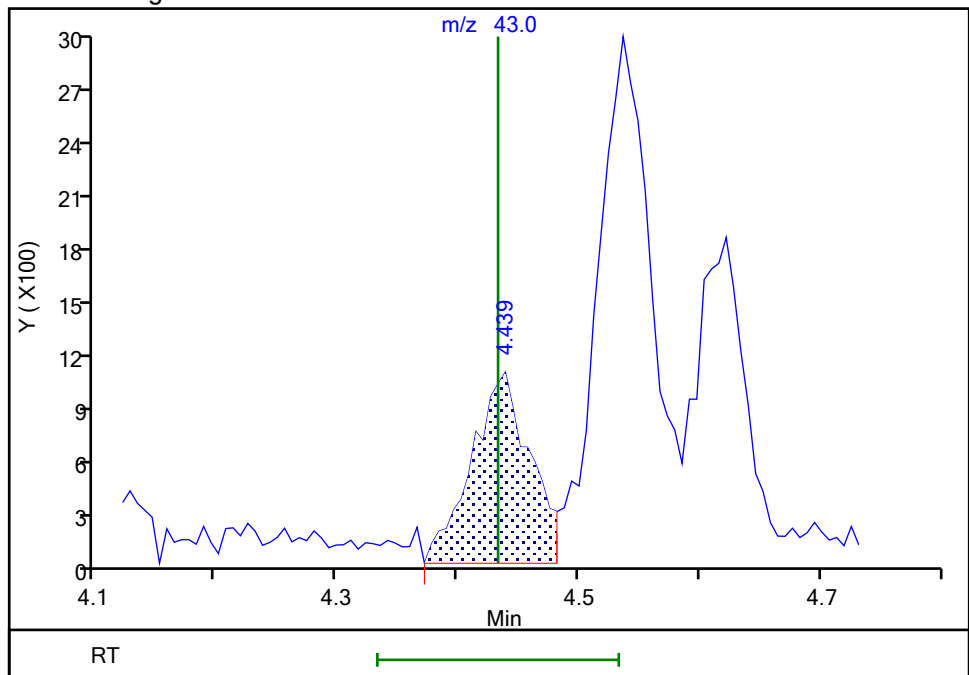
Not Detected

Expected RT: 4.43

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 11-Jan-2022 23:59:54

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

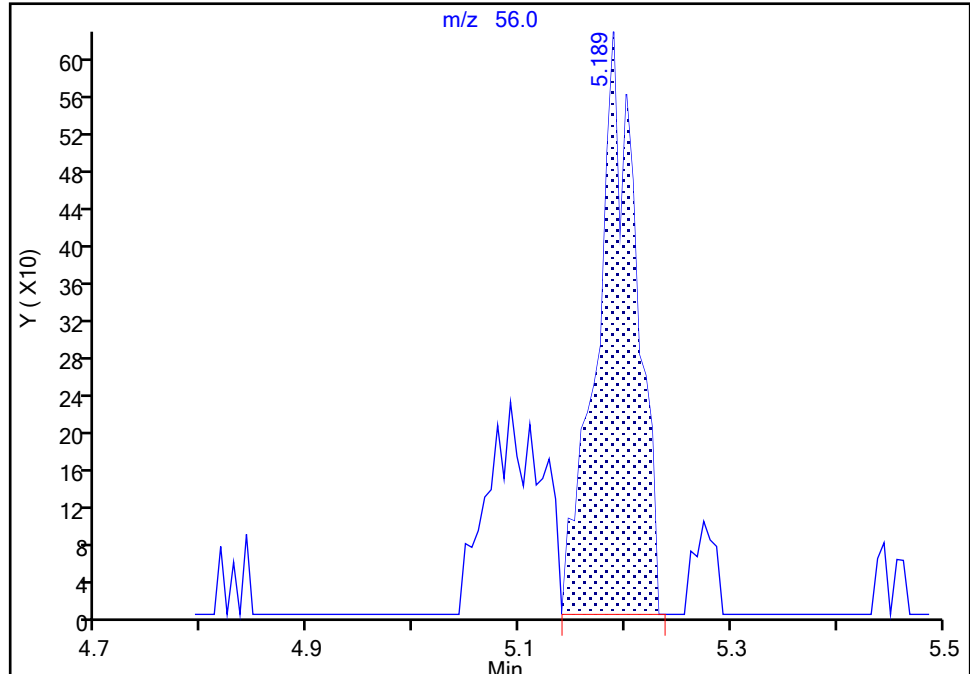
MS Quad

**67 n-Butanol, CAS: 71-36-3**

Signal: 1

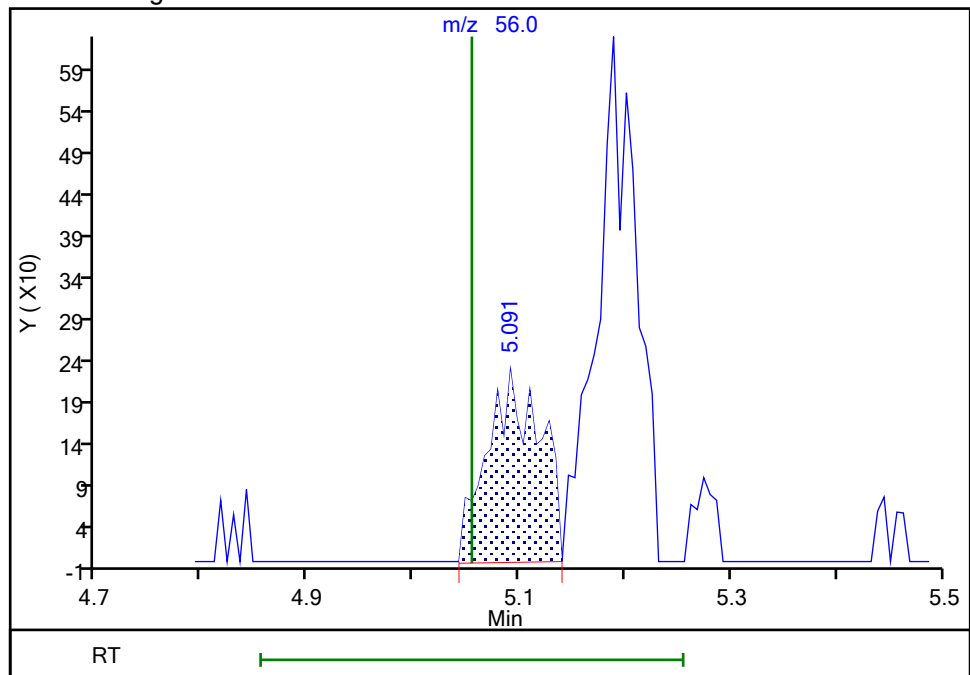
RT: 5.19  
Area: 1622  
Amount: 12.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.09  
Area: 797  
Amount: 12.417957  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 17:59:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

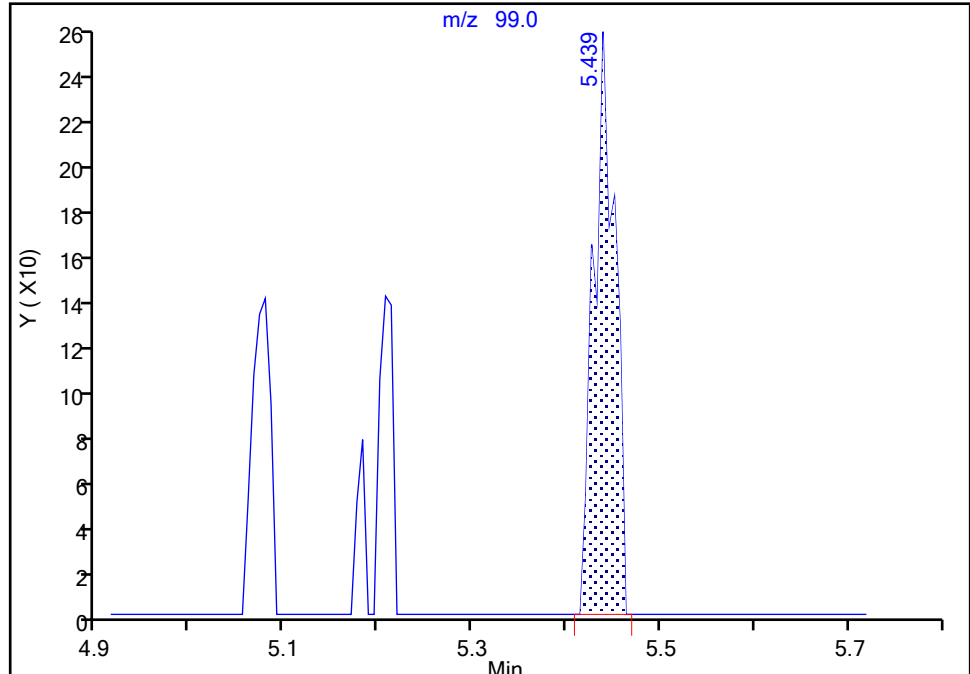
MS Quad

**70 Ethyl acrylate, CAS: 140-88-5**

Signal: 1

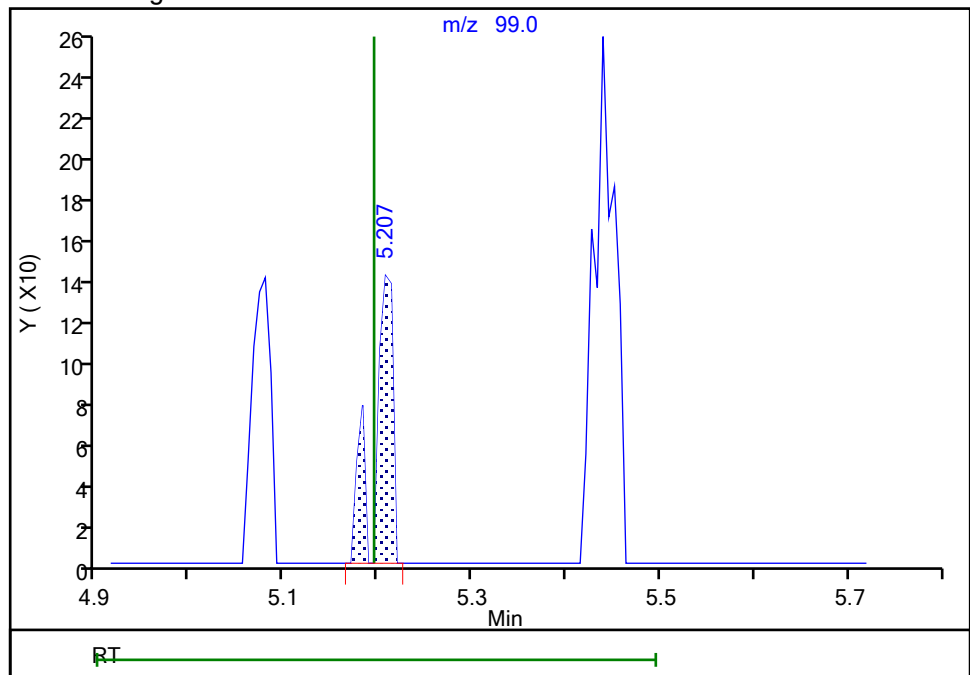
RT: 5.44  
Area: 402  
Amount: 0.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.21  
Area: 188  
Amount: 0.271373  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:46:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

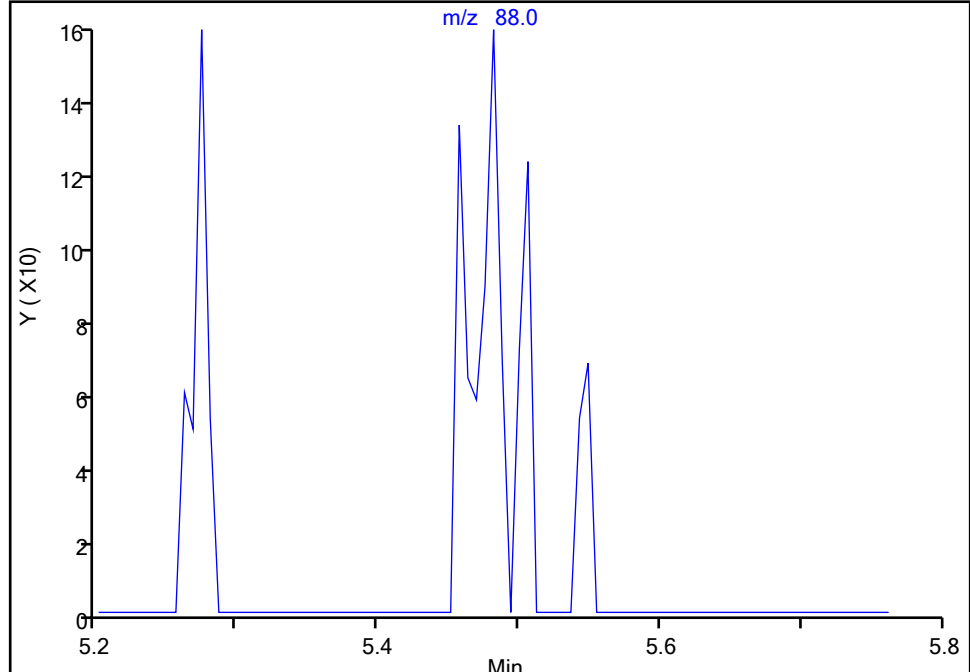
**75 1,4-Dioxane, CAS: 123-91-1**

Signal: 1

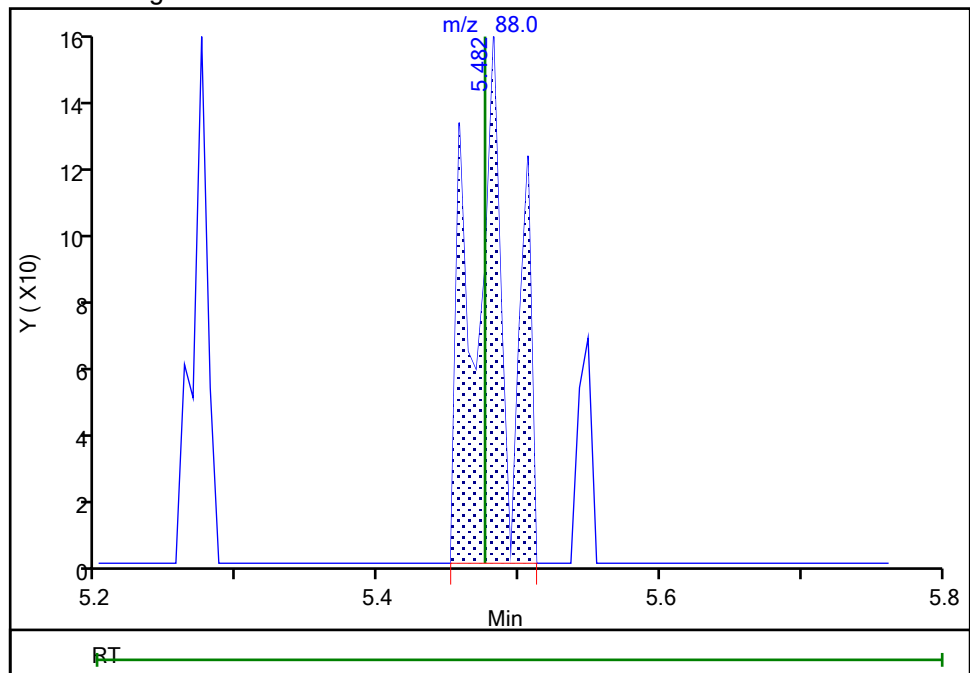
Not Detected

Expected RT: 5.48

## Processing Integration Results



## Manual Integration Results



RT: 5.48

Area: 281

Amount: 12.991795

Amount Units: ug/l

Reviewer: boykink, 12-Jan-2022 00:00:39

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

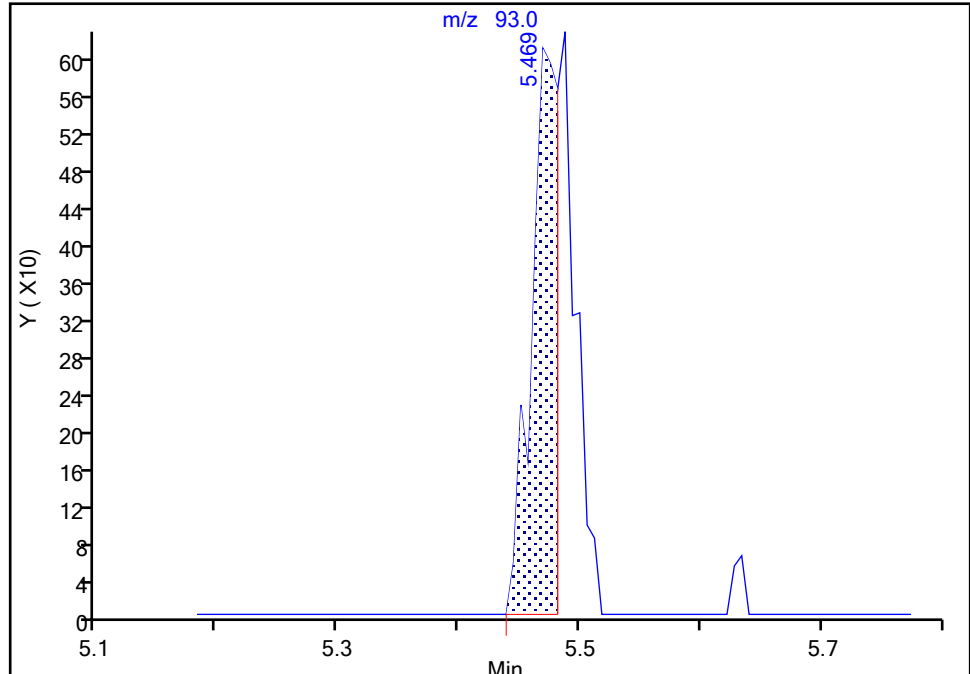
Detector: MS Quad

**74 Dibromomethane, CAS: 74-95-3**

Signal: 1

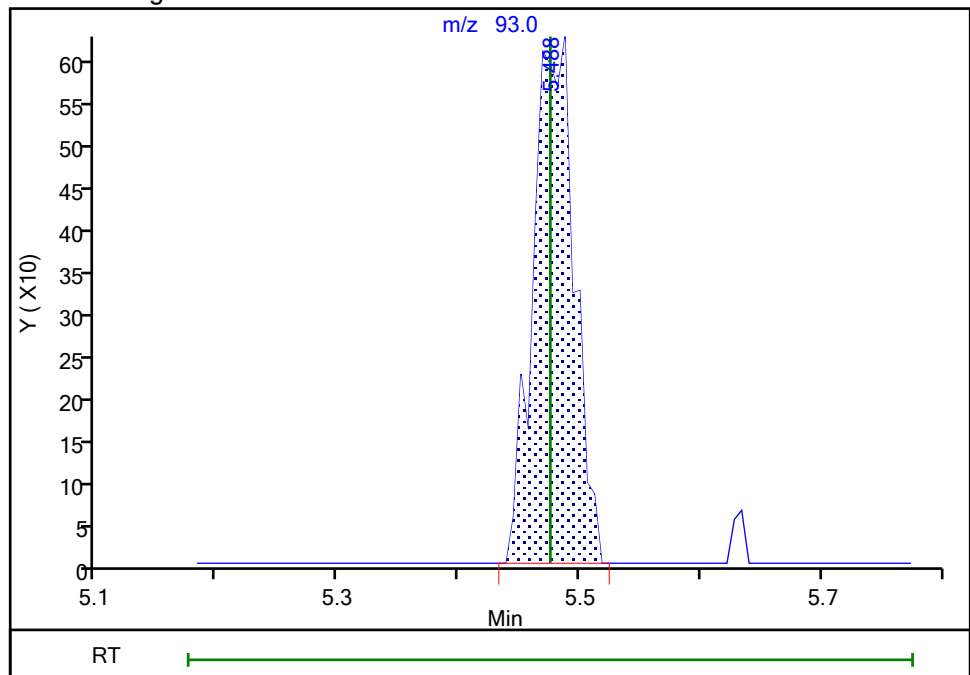
RT: 5.47  
Area: 956  
Amount: 0.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.49  
Area: 1486  
Amount: 0.516046  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:00:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

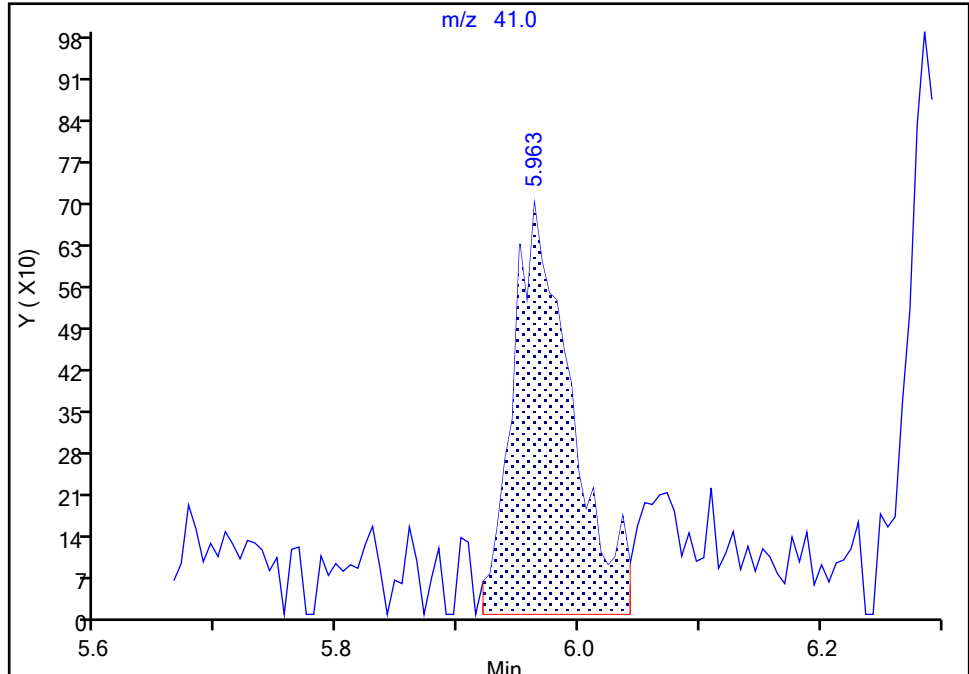
Detector: MS Quad

**78 2-Nitropropane, CAS: 79-46-9**

Signal: 1

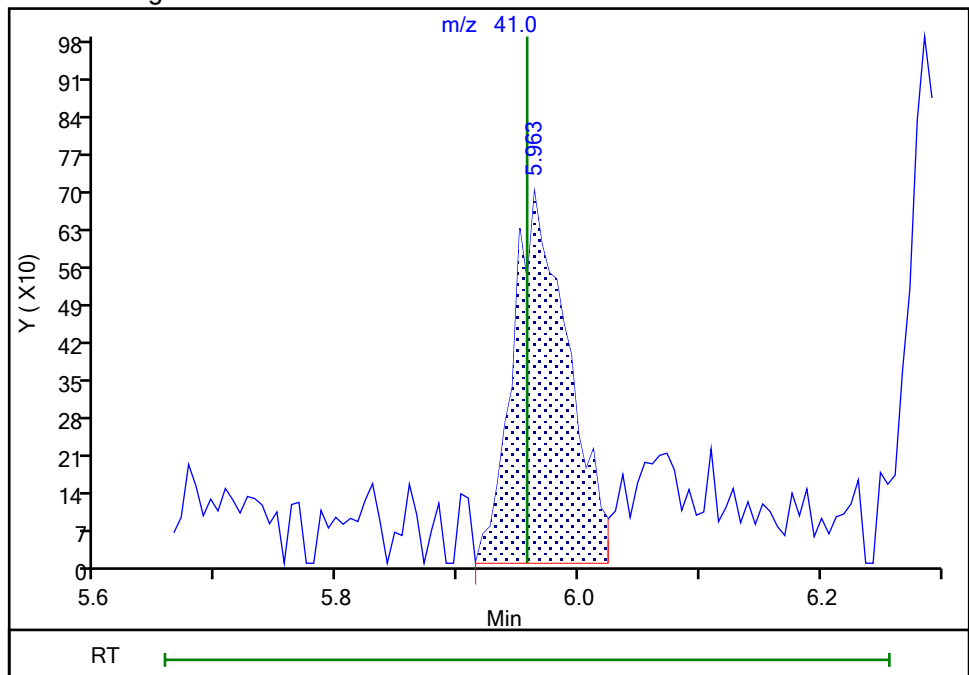
RT: 5.96  
Area: 2339  
Amount: 1.830956  
Amount Units: ug/l

## Processing Integration Results



RT: 5.96  
Area: 2211  
Amount: 1.730761  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:49:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

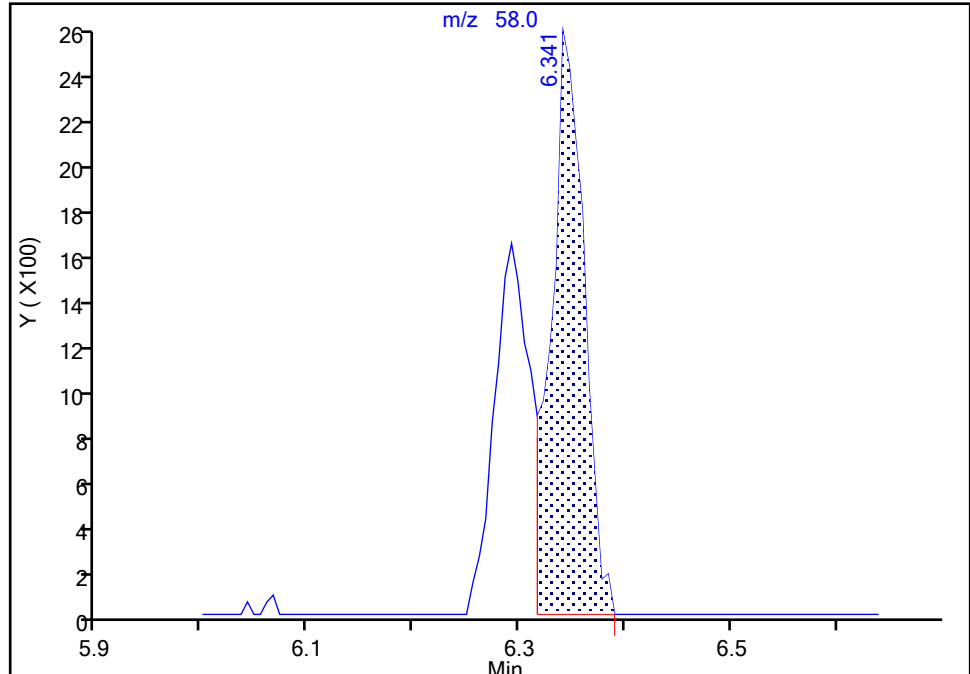
MS Quad

**82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1**

Signal: 1

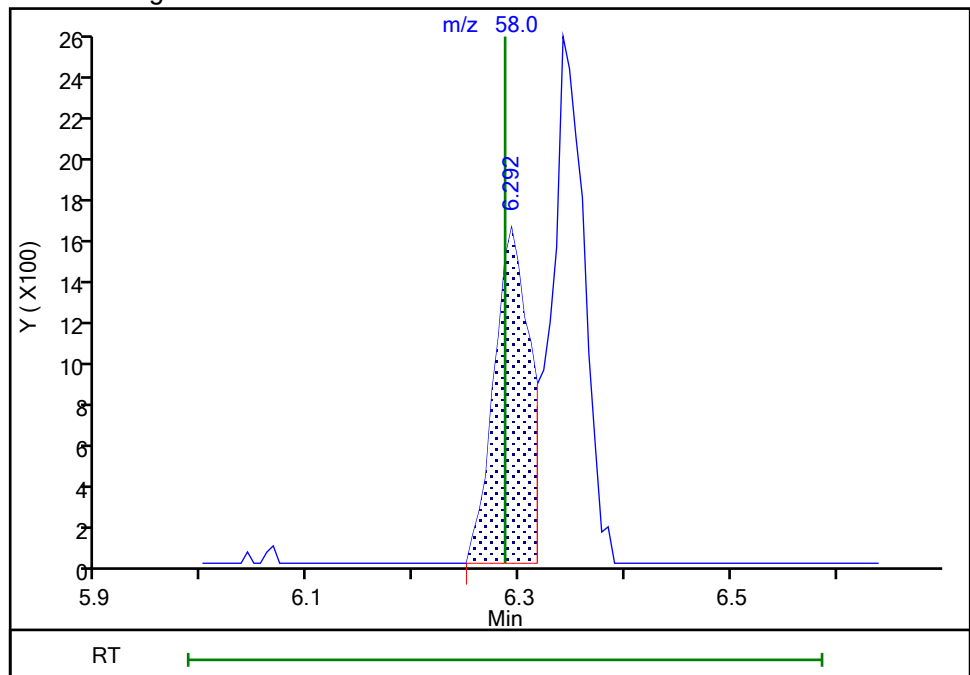
RT: 6.34  
Area: 5484  
Amount: 2.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 6.29  
Area: 3764  
Amount: 2.142509  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:01:02

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

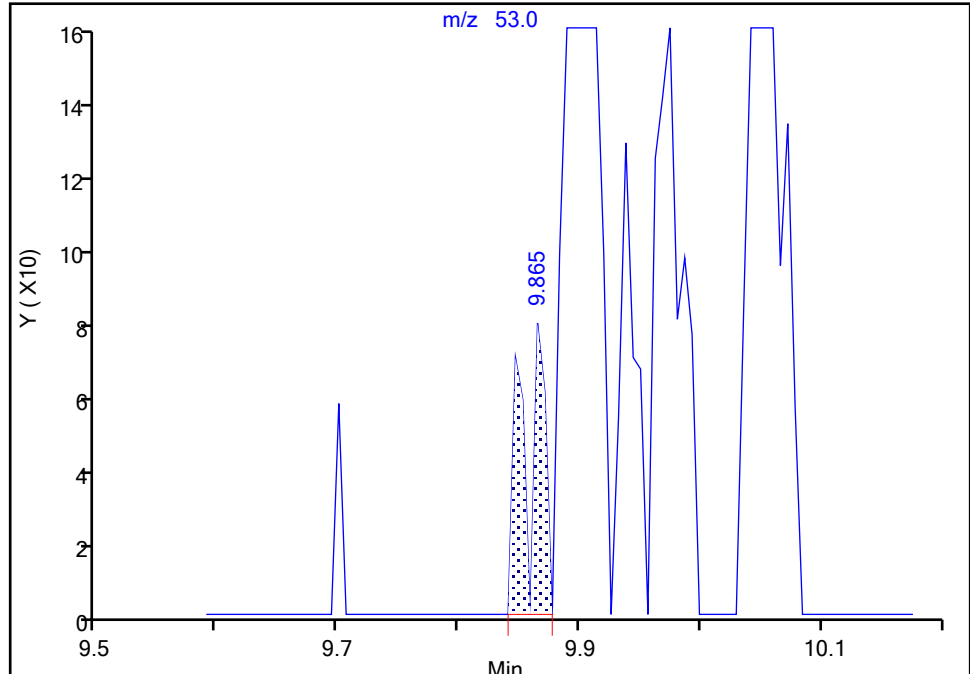
MS Quad

**110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

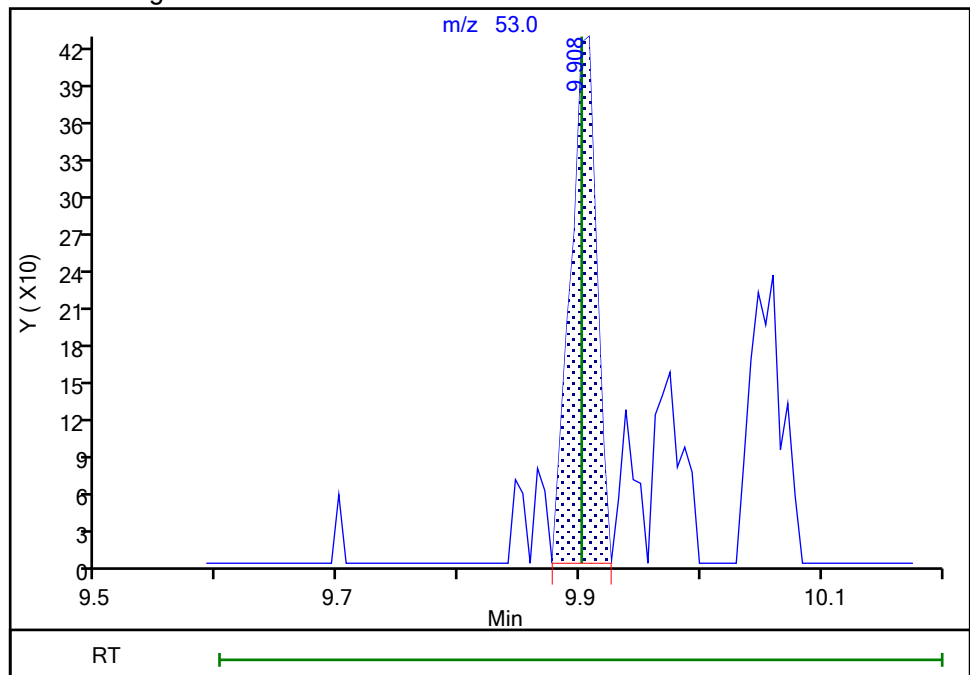
RT: 9.86  
Area: 94  
Amount: 0.500000  
Amount Units: ug/l

## Processing Integration Results



RT: 9.91  
Area: 634  
Amount: 0.459398  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:01:22

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49275.D

Injection Date: 11-Jan-2022 23:21:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

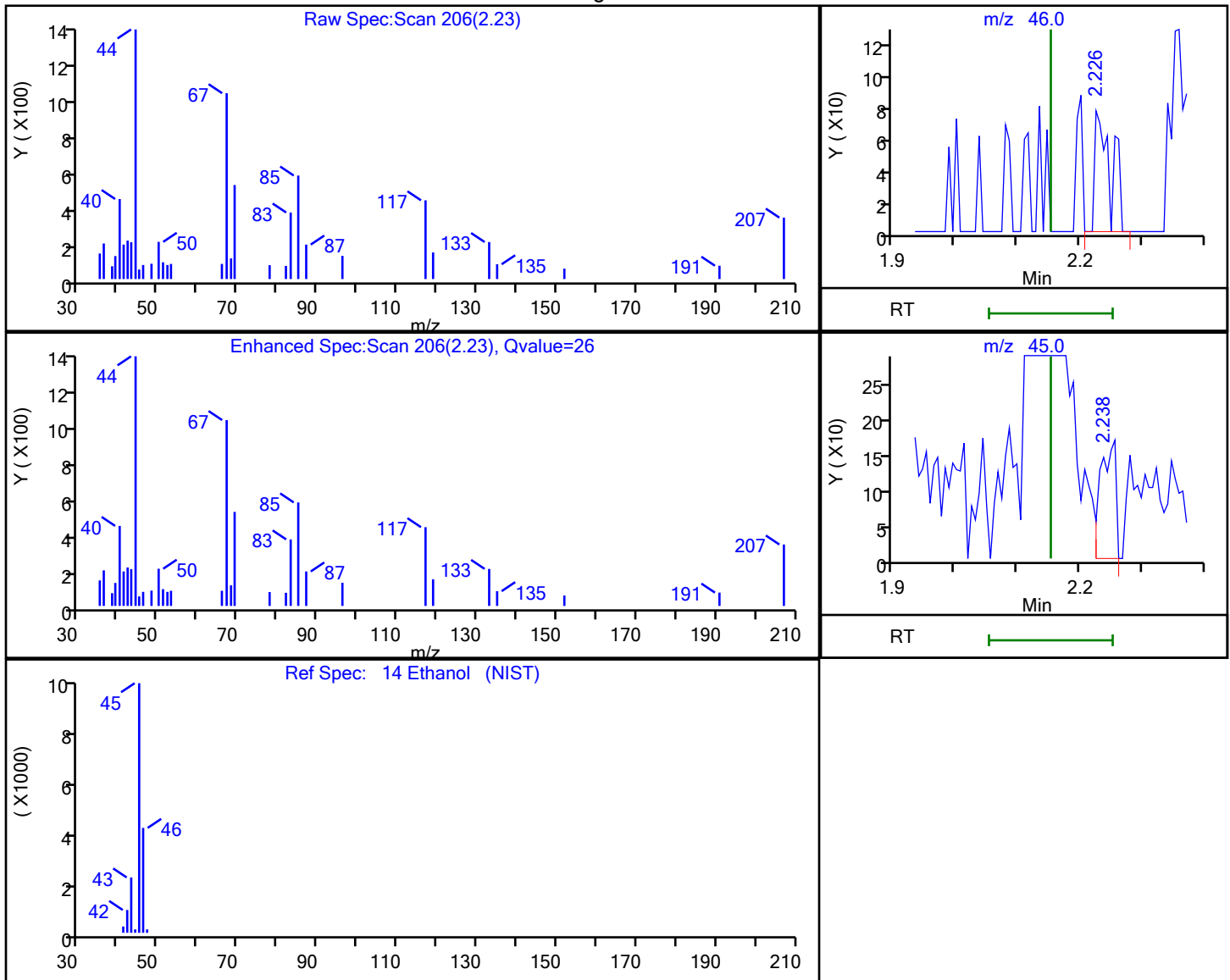
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

## 14 Ethanol, CAS: 64-17-5

## Processing Results



RT	Mass	Response	Amount
2.23	46.00	139	12.561187
2.24	45.00	276	

Reviewer: baronm, 12-Jan-2022 17:58:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D  
 Lims ID: STD1  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 11-Jan-2022 23:42:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD1  
 Misc. Info.: 460-0140108-005  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:37:14 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 12-Jan-2022 00:05:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.269	1.251	0.018	58	1180	1.00	0.8223	a
2 1,1-Difluoroethane	65	1.263	1.269	-0.006	0	3134	1.00	0.9654	
4 Dichlorodifluoromethane	85	1.275	1.293	-0.018	0	6309	1.00	0.9013	
5 Chlorodifluoromethane	67	1.293	1.299	-0.006	0	1352	1.00	1.04	
6 Chloromethane	50	1.434	1.434	0.000	0	9797	1.00	1.01	
8 Butadiene	54	1.507	1.507	0.000	0	8490	1.00	1.02	
7 Vinyl chloride	62	1.501	1.513	-0.012	0	8896	1.00	1.01	
9 Bromomethane	94	1.751	1.757	-0.006	0	5110	1.00	1.05	
10 Chloroethane	64	1.799	1.805	-0.006	0	5375	1.00	1.04	
11 Dichlorofluoromethane	67	1.964	1.970	-0.006	0	13079	1.00	1.09	
13 Pentane	72	1.976	1.976	0.000	0	1678	2.00	2.06	
12 Trichlorofluoromethane	101	1.970	1.976	-0.006	0	7731	1.00	1.01	
15 Ethyl ether	74	2.147	2.153	-0.006	0	2765	1.00	1.00	
14 Ethanol	46	2.147	2.153	-0.006	83	484	40.0	42.5	M
16 2-Methyl-1,3-butadiene	53	2.165	2.165	0.000	0	5386	1.00	1.00	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.202	2.208	-0.006	0	4251	1.00	1.07	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.257	2.257	0.000	96	7743	1.00	1.03	a
19 Acrolein	56	2.311	2.305	0.006	0	2271	4.06	4.16	
20 1,1,2,2-Tetrafluoroethane	101	2.311	2.318	-0.007	0	4334	1.00	0.9449	
21 1,1-Dichloroethene	96	2.330	2.330	0.000	0	4990	1.00	1.06	
22 Acetone	43	2.415	2.421	-0.006	0	9501	5.00	5.07	
23 Iodomethane	142	2.470	2.470	0.000	0	7637	1.00	1.02	
25 Isopropyl alcohol	45	2.482	2.494	-0.012	27	1131	10.0	8.54	Ma
24 Carbon disulfide	76	2.494	2.500	-0.006	0	22296	1.00	1.06	
26 3-Chloro-1-propene	76	2.616	2.610	0.006	0	3340	1.00	1.02	
28 Cyclopentene	67	2.629	2.628	0.000	0	12903	1.00	1.00	
27 Methyl acetate	43	2.629	2.635	-0.007	0	9124	2.00	2.18	
29 Acetonitrile	41	2.708	2.696	0.012	28	7567	10.0	10.8	M
30 Methylene Chloride	84	2.726	2.732	-0.006	0	6310	1.00	1.08	
* 31 TBA-d9 (IS)	66	2.769	2.744	0.025	96	32960	1000.0	1000.0	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.824	2.793	0.031	35	3680	10.0	9.74	Ma
33 Methyl tert-butyl ether	73	2.872	2.872	0.000	0	14324	1.00	1.04	
34 trans-1,2-Dichloroethene	96	2.897	2.897	0.000	0	5518	1.00	1.06	
35 Acrylonitrile	53	2.970	2.976	-0.006	0	19274	10.0	9.63	
36 Hexane	57	3.037	3.037	0.000	0	6801	1.00	0.9066	
37 Isopropyl ether	45	3.232	3.232	0.000	0	22843	1.00	1.04	
38 1,1-Dichloroethane	63	3.263	3.262	0.001	0	11386	1.00	1.06	
39 Vinyl acetate	86	3.281	3.262	0.019	0	1608	2.00	2.08	
40 2-Chloro-1,3-butadiene	88	3.299	3.305	-0.006	0	4780	1.00	1.09	
41 Tert-butyl ethyl ether	59	3.525	3.525	0.000	88	17143	1.00	1.01	
* 42 2-Butanone-d5	46	3.701	3.701	0.000	0	328313	250.0	250.0	
43 2,2-Dichloropropane	97	3.726	3.726	0.000	52	1846	1.00	1.06	a
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	0	5429	1.00	0.9768	
45 2-Butanone (MEK)	72	3.781	3.750	0.031	94	2489	5.00	5.72	Ma
46 Ethyl acetate	70	3.756	3.756	0.000	0	858	2.00	2.15	
47 Methyl acrylate	55	3.805	3.799	0.006	0	3909	1.00	1.03	
48 Propionitrile	54	3.903	3.878	0.025	94	6507	10.0	9.73	a
50 Tetrahydrofuran	72	3.951	3.945	0.006	0	1090	2.00	2.09	
49 Chlorobromomethane	128	3.958	3.957	0.001	0	2473	1.00	1.02	
51 Methacrylonitrile	67	3.976	3.970	0.006	0	17126	10.0	10.1	
52 Chloroform	83	4.012	4.006	0.006	0	9654	1.00	1.09	
53 Cyclohexane	84	4.122	4.116	0.006	0	6912	1.00	0.9386	
54 1,1,1-Trichloroethane	97	4.134	4.134	0.000	0	7275	1.00	1.00	
\$ 55 Dibromofluoromethane (Surr)	113	4.153	4.153	0.000	0	140406	50.0	51.8	
56 Carbon tetrachloride	117	4.244	4.250	-0.006	0	5400	1.00	0.9290	
57 1,1-Dichloropropene	75	4.275	4.274	0.001	0	6923	1.00	1.00	
59 Isooctane	57	4.433	4.433	0.000	0	16722	1.00	0.8556	
58 Isobutyl alcohol	43	4.421	4.433	-0.012	41	6670	25.0	22.1	a
60 Benzene	78	4.464	4.463	0.001	0	20963	1.00	1.11	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	178203	50.0	49.8	
62 Tert-amyl methyl ether	73	4.531	4.531	0.000	0	15275	1.00	1.01	
63 Isopropyl acetate	61	4.549	4.537	0.012	89	2532	1.00	1.01	Ma
64 1,2-Dichloroethane	62	4.555	4.549	0.006	0	6989	1.00	1.06	
65 n-Heptane	100	4.622	4.616	0.006	96	966	1.00	0.8682	a
* 66 Fluorobenzene	96	4.738	4.738	0.000	0	553327	50.0	50.0	
67 n-Butanol	56	5.061	5.055	0.006	24	1272	25.0	22.3	Ma
68 Trichloroethene	95	5.073	5.073	0.000	0	4690	1.00	1.00	
69 Methylcyclohexane	83	5.189	5.189	0.000	0	7328	1.00	0.8849	
70 Ethyl acrylate	99	5.189	5.195	-0.006	0	365	1.00	0.5674	
71 1,2-Dichloropropane	63	5.354	5.354	0.000	0	5402	1.00	1.00	
* 72 1,4-Dioxane-d8	96	5.415	5.421	-0.006	0	15980	1000.0	1000.0	
73 Methyl methacrylate	100	5.433	5.439	-0.006	0	1573	2.00	1.91	
75 1,4-Dioxane	88	5.463	5.475	-0.012	0	986	50.0	51.0	
74 Dibromomethane	93	5.469	5.475	-0.006	0	2676	1.00	1.00	
76 n-Propyl acetate	43	5.500	5.494	0.006	0	5793	1.00	0.9523	
77 Dichlorobromomethane	83	5.622	5.628	-0.006	0	5628	1.00	0.9366	
78 2-Nitropropane	41	5.969	5.957	0.012	0	2460	2.00	2.07	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	0	2287	1.00	0.9137	
80 Epichlorohydrin	57	6.061	6.061	0.000	0	6761	20.0	19.1	
81 cis-1,3-Dichloropropene	75	6.110	6.109	0.001	0	6107	1.00	0.9392	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	7146	5.00	4.27	
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	447074	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.420	6.420	0.000	0	17925	1.00	1.02	
85 trans-1,3-Dichloropropene	75	6.768	6.768	0.000	0	4961	1.00	0.9237	
86 Ethyl methacrylate	69	6.817	6.817	0.000	0	4099	1.00	0.8835	
87 1,1,2-Trichloroethane	83	6.981	6.975	0.006	0	2784	1.00	0.9729	
88 Tetrachloroethene	166	7.006	7.006	0.000	0	3604	1.00	1.02	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	5720	1.00	1.00	
90 2-Hexanone	43	7.262	7.262	0.000	0	11575	5.00	4.35	
91 n-Butyl acetate	43	7.378	7.378	0.000	0	6602	1.00	0.9515	
92 Chlorodibromomethane	129	7.402	7.402	0.000	0	2889	1.00	0.9393	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	2595	1.00	0.9217	
* 94 Chlorobenzene-d5	117	8.085	8.085	0.000	0	325727	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	0	10015	1.00	1.01	
96 Ethylbenzene	106	8.231	8.231	0.000	0	5761	1.00	1.03	
97 1,1,1,2-Tetrachloroethane	131	8.243	8.249	-0.006	0	4253	1.00	1.05	
98 m-Xylene & p-Xylene	106	8.390	8.390	0.000	0	6720	1.00	1.00	
99 o-Xylene	106	8.908	8.908	0.000	0	6611	1.00	0.9413	
100 n-Butyl acrylate	73	8.920	8.926	-0.006	0	2517	1.00	0.8897	
101 Styrene	104	8.950	8.950	0.000	0	9220	1.00	0.9115	
102 Bromoform	173	9.200	9.206	-0.006	0	1764	1.00	0.9641	
103 Amyl acetate (mixed isomers)	43	9.219	9.225	-0.006	0	7586	1.00	0.5765	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	17674	1.00	0.9312	
\$ 105 4-Bromofluorobenzene	174	9.597	9.597	0.000	0	113680	50.0	50.8	
106 Bromobenzene	156	9.743	9.743	0.000	0	3851	1.00	0.9082	
107 1,1,2,2-Tetrachloroethane	83	9.822	9.828	-0.006	0	4716	1.00	0.9448	
108 N-Propylbenzene	91	9.847	9.847	0.000	0	22952	1.00	0.8941	
109 1,2,3-Trichloropropane	110	9.865	9.871	-0.006	0	1233	1.00	1.02	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	80	1145	1.00	0.9005	a
111 2-Chlorotoluene	91	9.950	9.956	-0.006	0	16218	1.00	0.9325	
112 4-Ethyltoluene	105	9.981	9.981	0.000	0	17010	1.00	0.9020	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	14572	1.00	0.8661	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	15364	1.00	0.9639	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	3802	1.00	0.5058	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	10536	1.00	0.6216	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	14744	1.00	0.8582	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	18375	1.00	0.8211	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	8451	1.00	0.99	
120 4-Isopropyltoluene	119	10.737	10.737	0.000	0	15509	1.00	0.8636	
* 121 1,4-Dichlorobenzene-d4	152	10.792	10.792	0.000	0	179145	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.810	10.816	-0.006	0	9017	1.00	1.05	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	0	17029	1.00	0.9265	
124 Benzyl chloride	91	10.962	10.962	0.000	0	6909	1.00	0.8477	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	15275	1.00	0.9313	
126 p-Diethylbenzene	119	11.090	11.090	0.000	0	9183	1.00	0.9511	
127 n-Butylbenzene	92	11.115	11.115	0.000	0	9927	1.00	0.9094	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	8839	1.00	1.02	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	13511	1.00	0.8082	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	742	1.00	0.8874	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	7135	1.00	0.9649	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	0	7157	1.00	1.00	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	2427	1.00	0.9018	
134 Naphthalene	128	12.663	12.663	0.000	0	14335	1.00	0.9272	
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	6572	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
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.04	
S 137 Xylenes, Total	100				0		2.00	1.94	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.86	
S 140 Total BTEX	1				0		5.00	5.10	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

8260MIX1COMB_00149	Amount Added: 10.00	Units: uL	
524freon_00047	Amount Added: 10.00	Units: uL	
ACROLEIN W_00135	Amount Added: 4.00	Units: uL	
14DIOXINTER_00137	Amount Added: 30.00	Units: uL	
GASES Li_00458	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

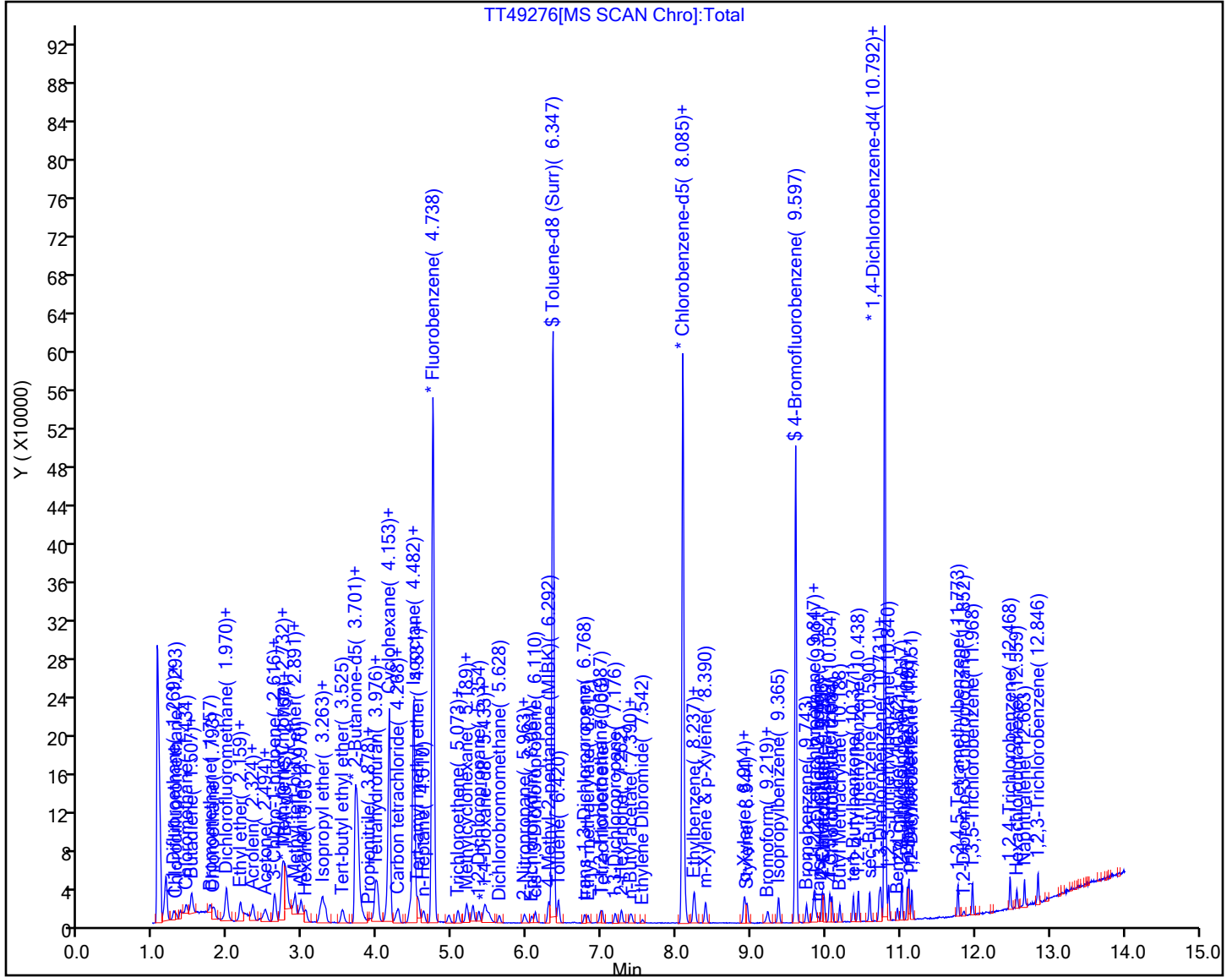
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

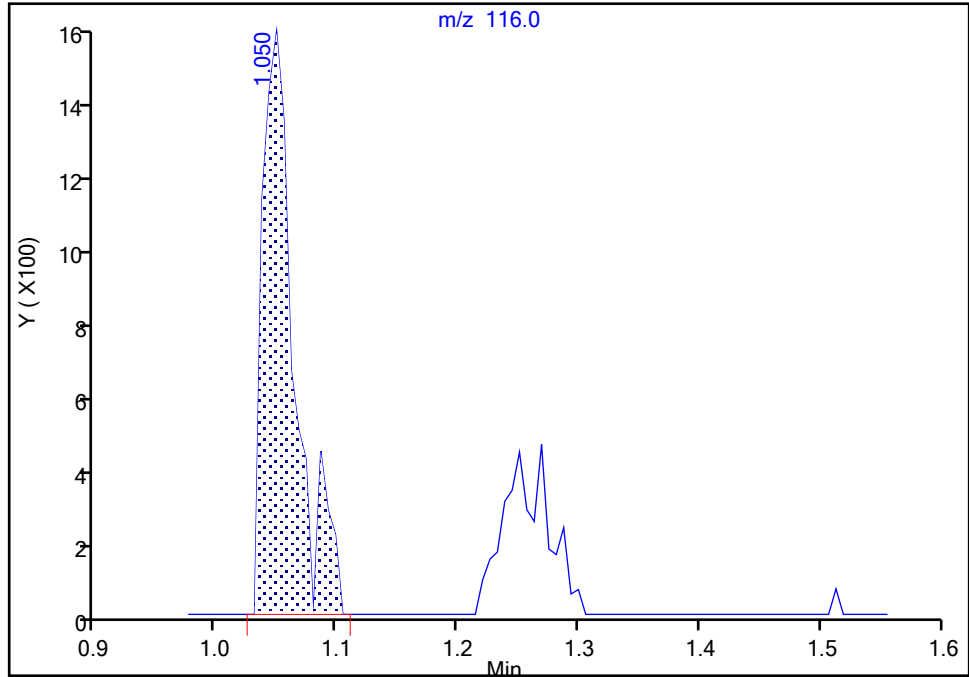
MS Quad

**3 Chlorotrifluoroethene, CAS: 79-38-9**

Signal: 1

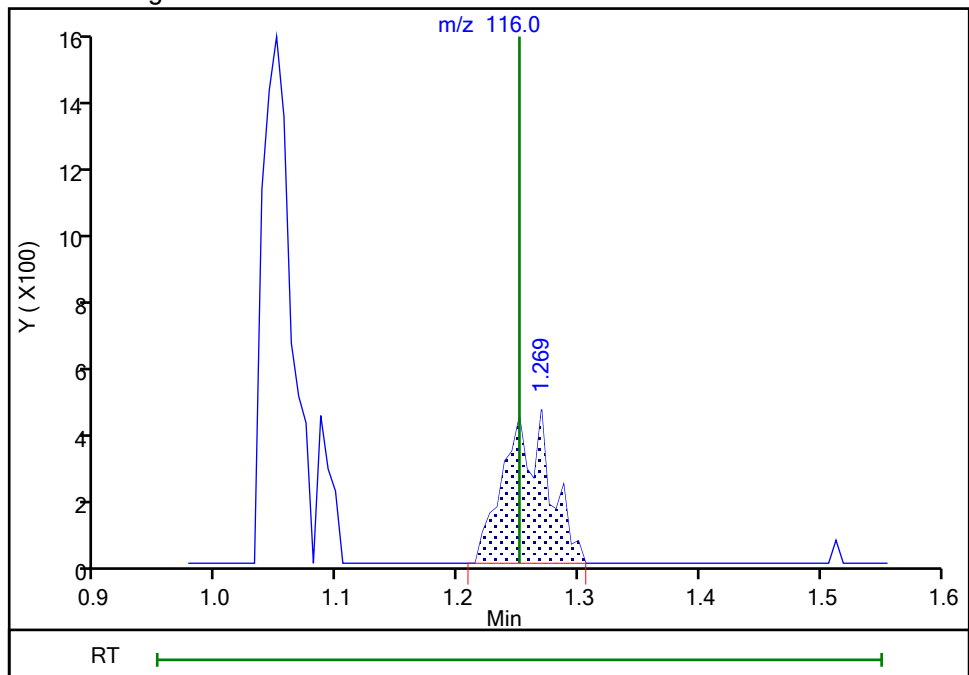
RT: 1.05  
Area: 2954  
Amount: 0.948593  
Amount Units: ug/l

## Processing Integration Results



RT: 1.27  
Area: 1180  
Amount: 0.822335  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:01:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

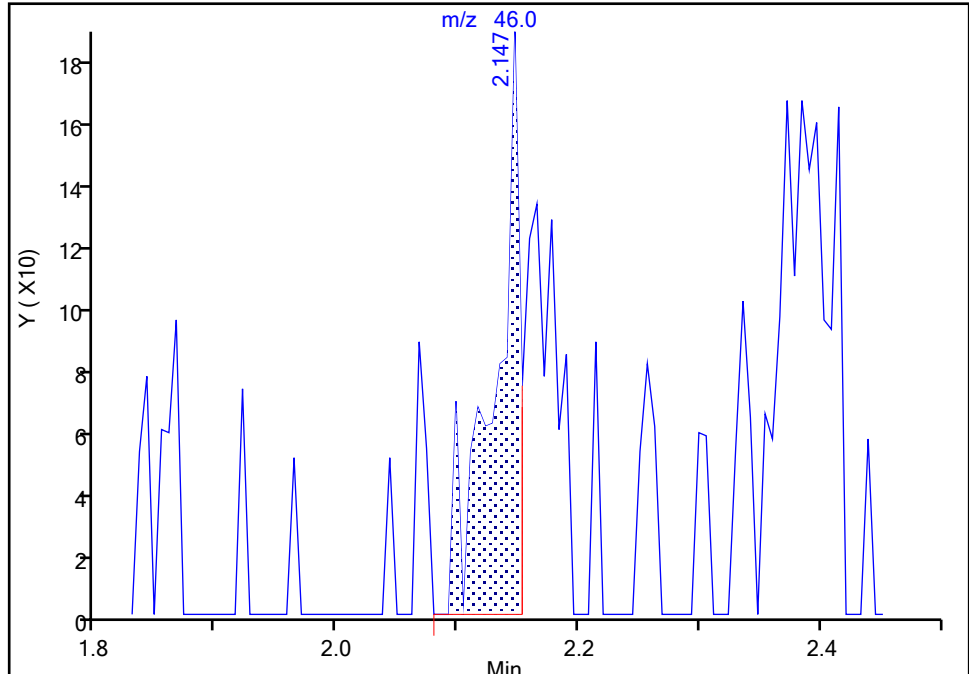
Detector: MS Quad

**14 Ethanol, CAS: 64-17-5**

Signal: 1

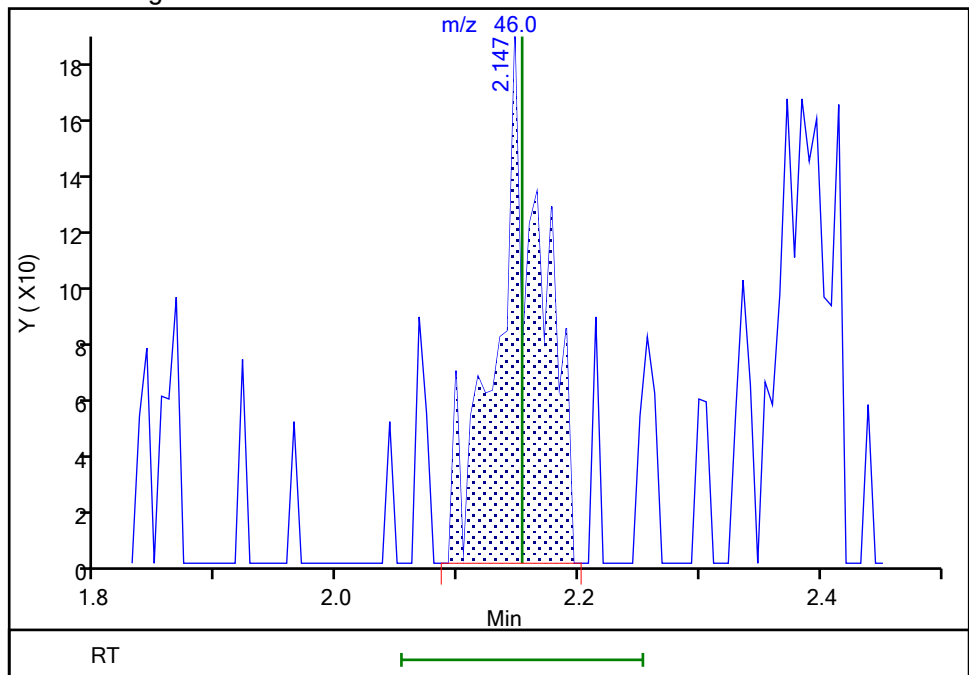
RT: 2.15  
Area: 266  
Amount: 43.303083  
Amount Units: ug/l

## Processing Integration Results



RT: 2.15  
Area: 484  
Amount: 42.482296  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:02:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

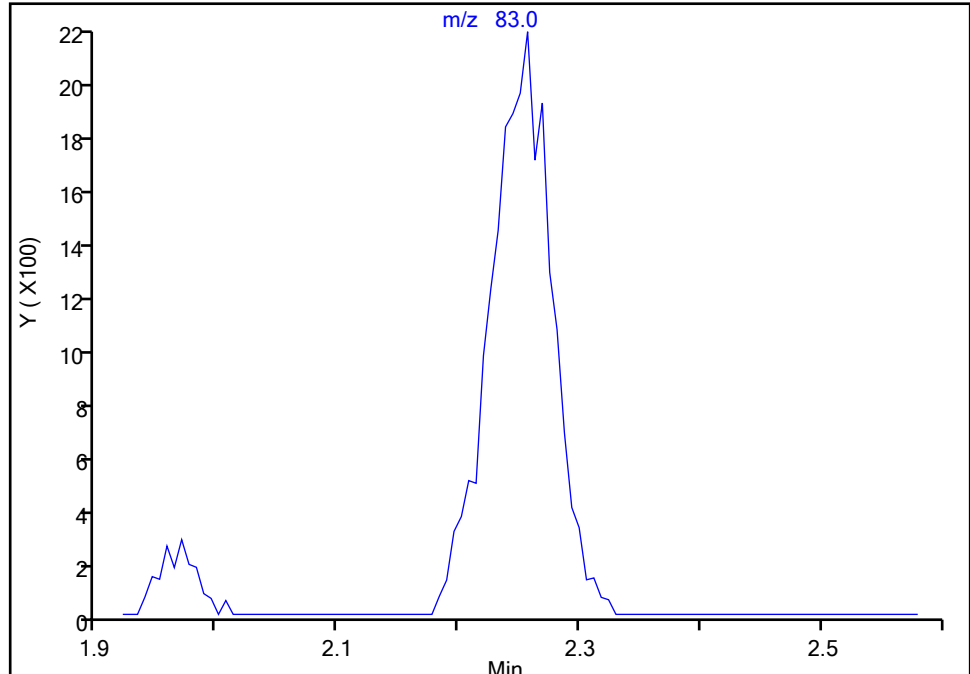
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

Expected RT: 2.26

## Processing Integration Results



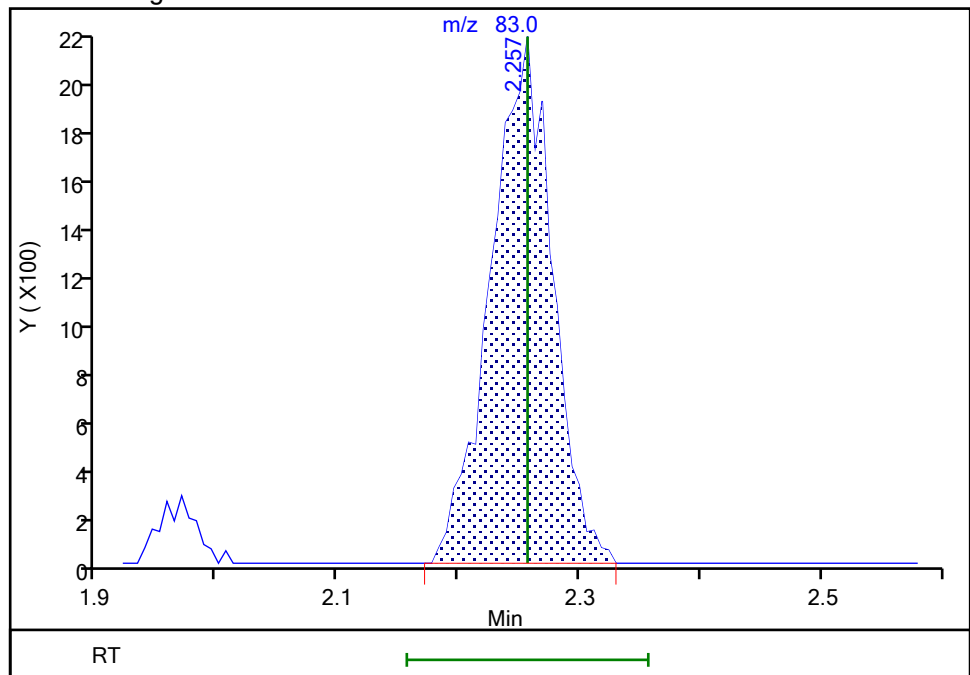
RT: 2.26

Area: 7743

Amount: 1.030221

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:02:24

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

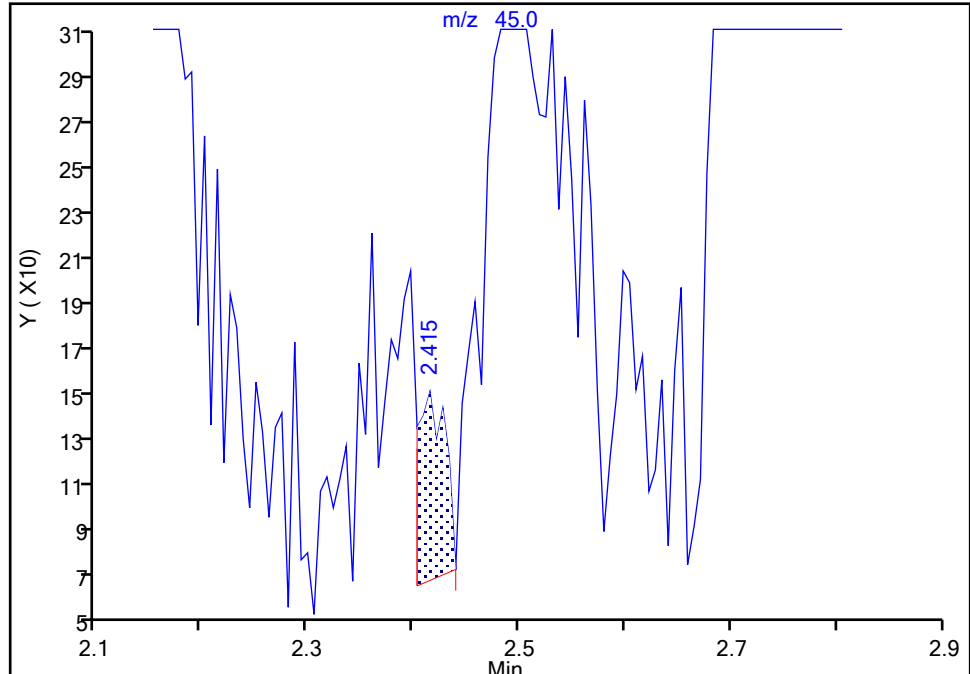
Detector: MS Quad

**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

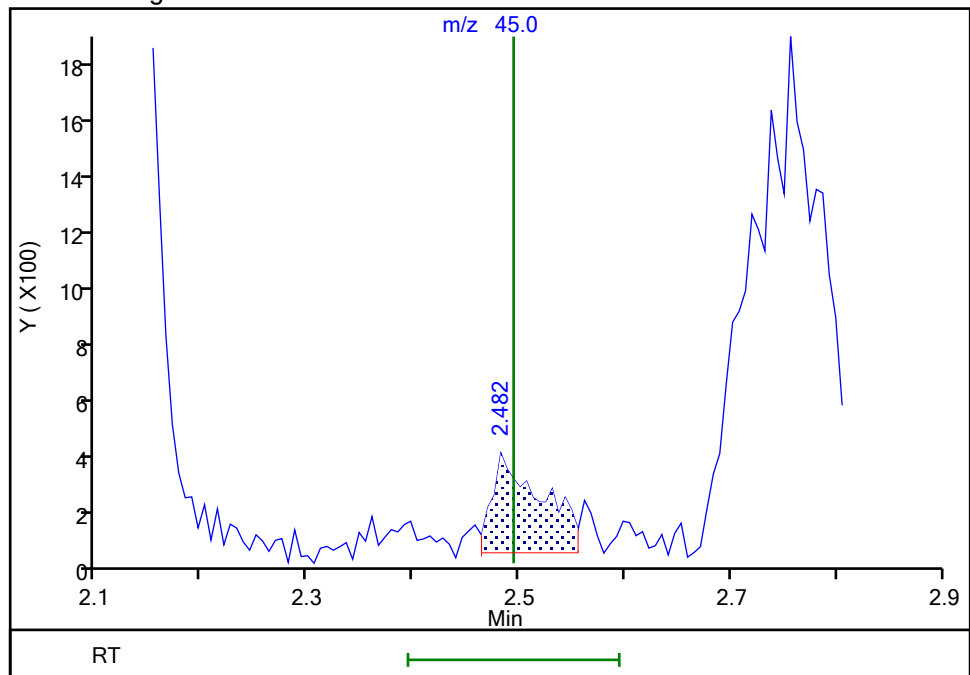
RT: 2.42  
Area: 144  
Amount: 5.033360  
Amount Units: ug/l

## Processing Integration Results



RT: 2.48  
Area: 1131  
Amount: 8.541251  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:47:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

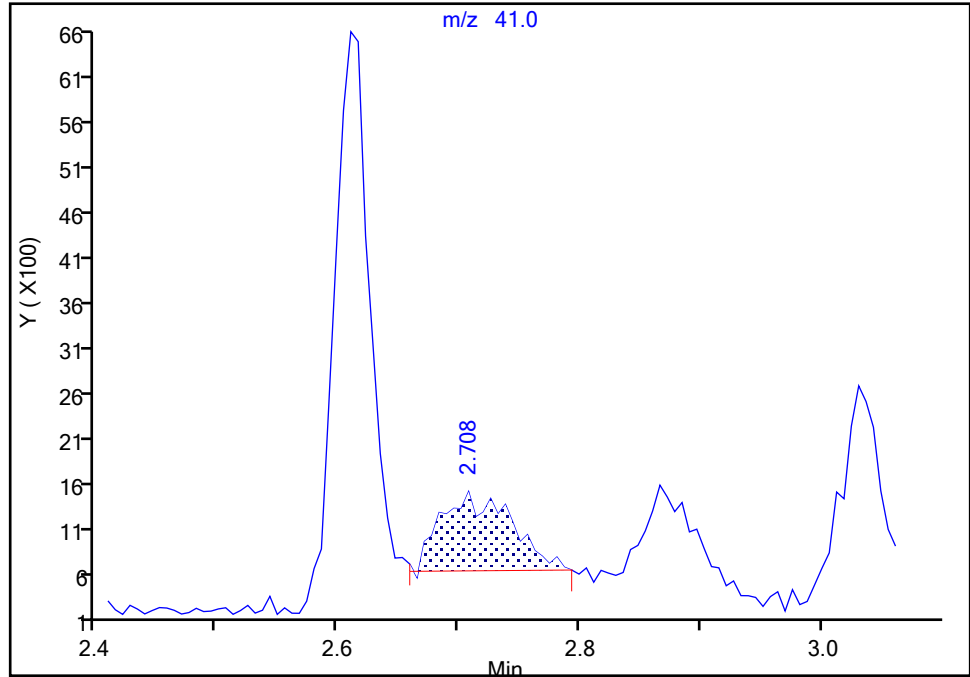
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 2

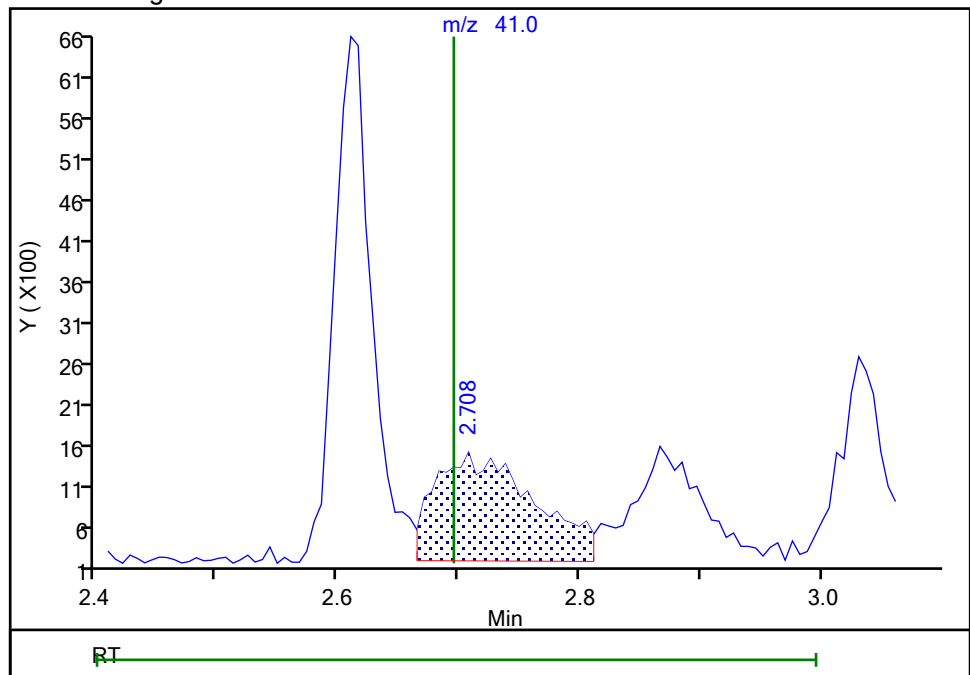
RT: 2.71  
Area: 3479  
Amount: 5.476905  
Amount Units: ug/l

## Processing Integration Results



RT: 2.71  
Area: 7567  
Amount: 10.758572  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:32:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

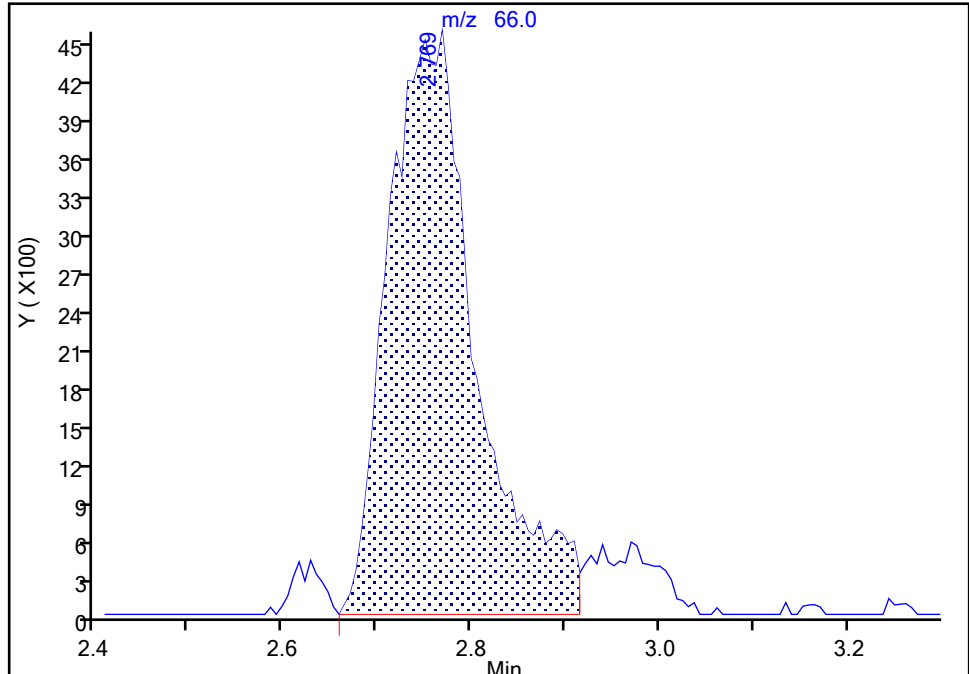
Detector: MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

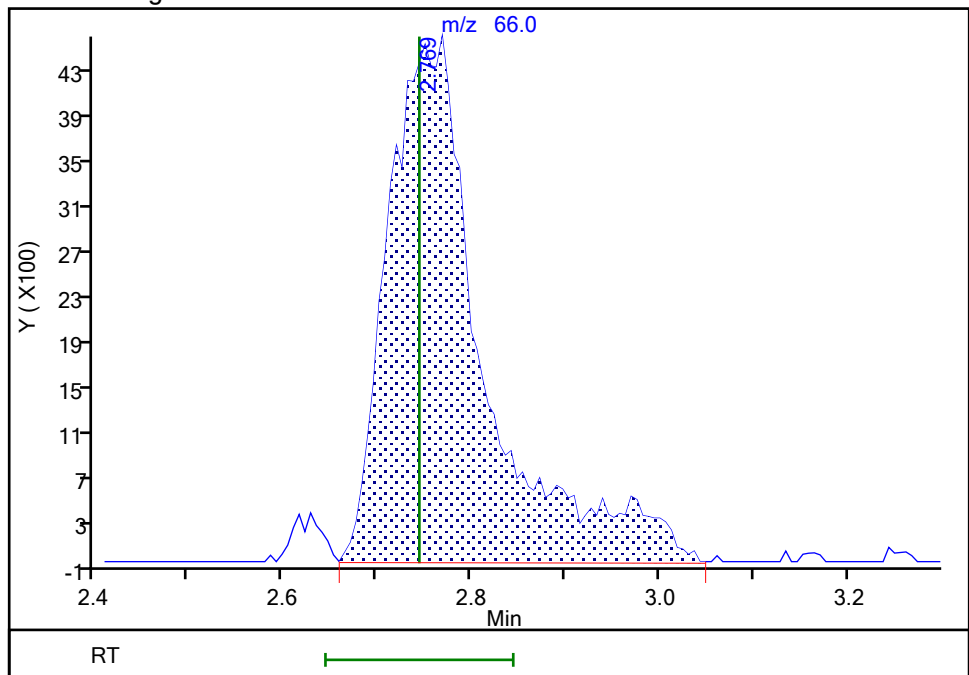
RT: 2.77  
Area: 30096  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.77  
Area: 32960  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:03:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

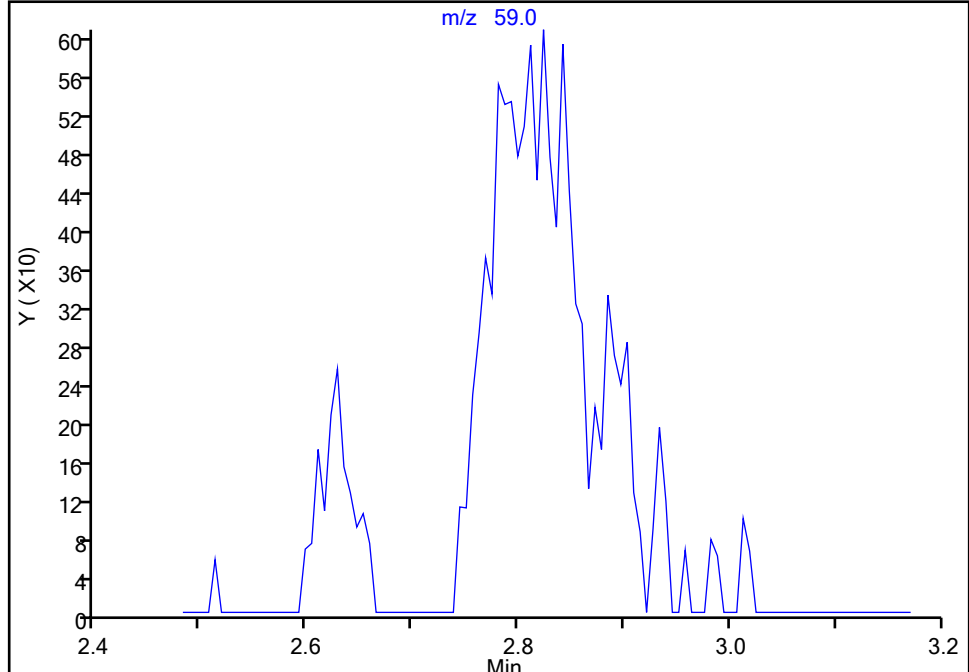
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

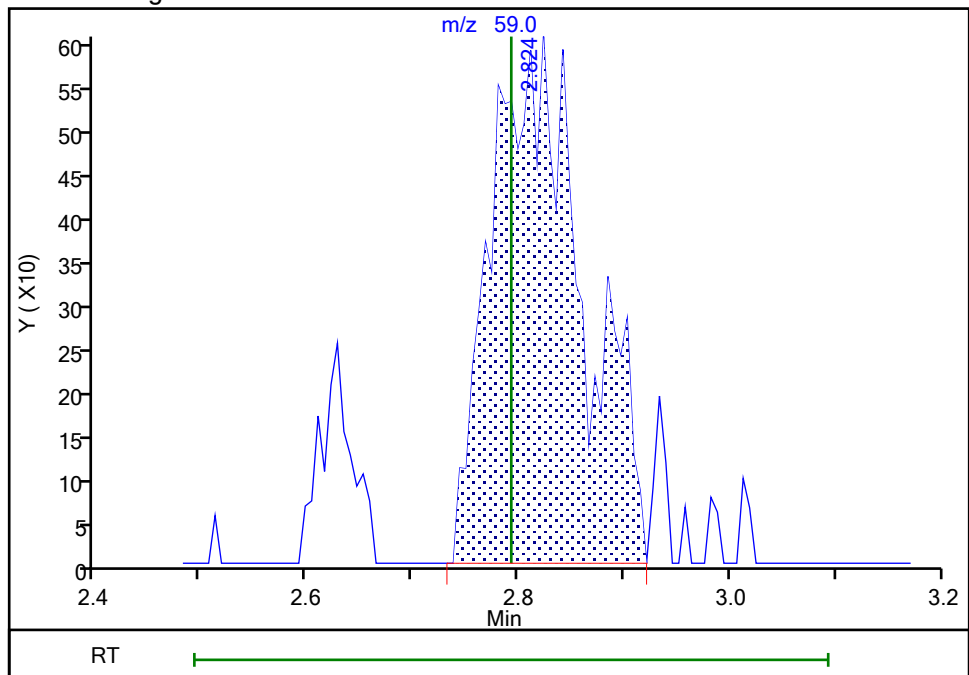
Not Detected

Expected RT: 2.79

## Processing Integration Results



## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:00:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

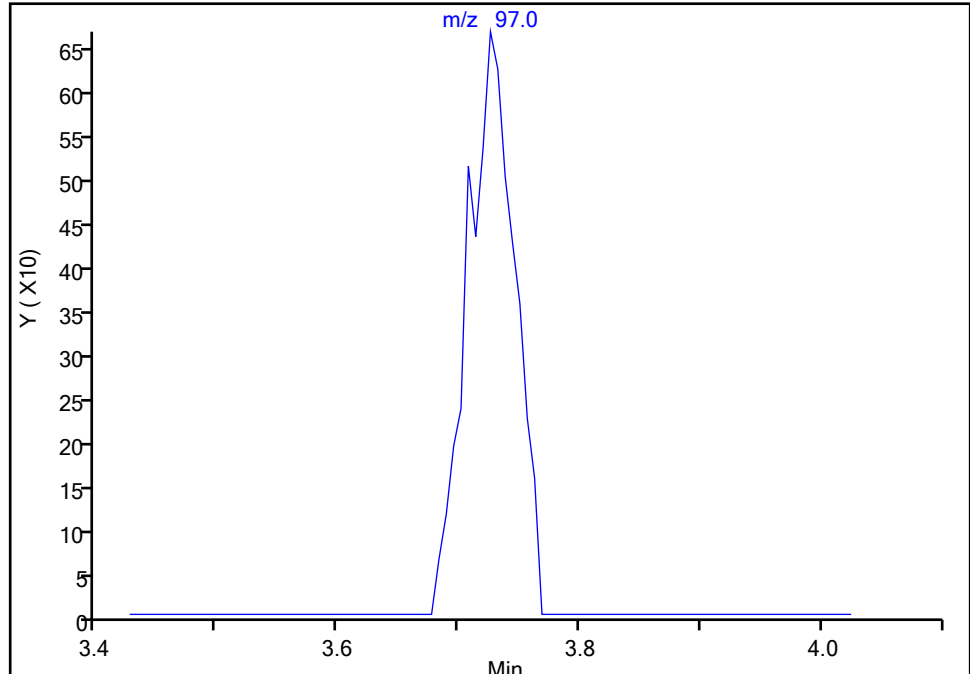
**43 2,2-Dichloropropane, CAS: 594-20-7**

Signal: 1

Not Detected

Expected RT: 3.73

## Processing Integration Results



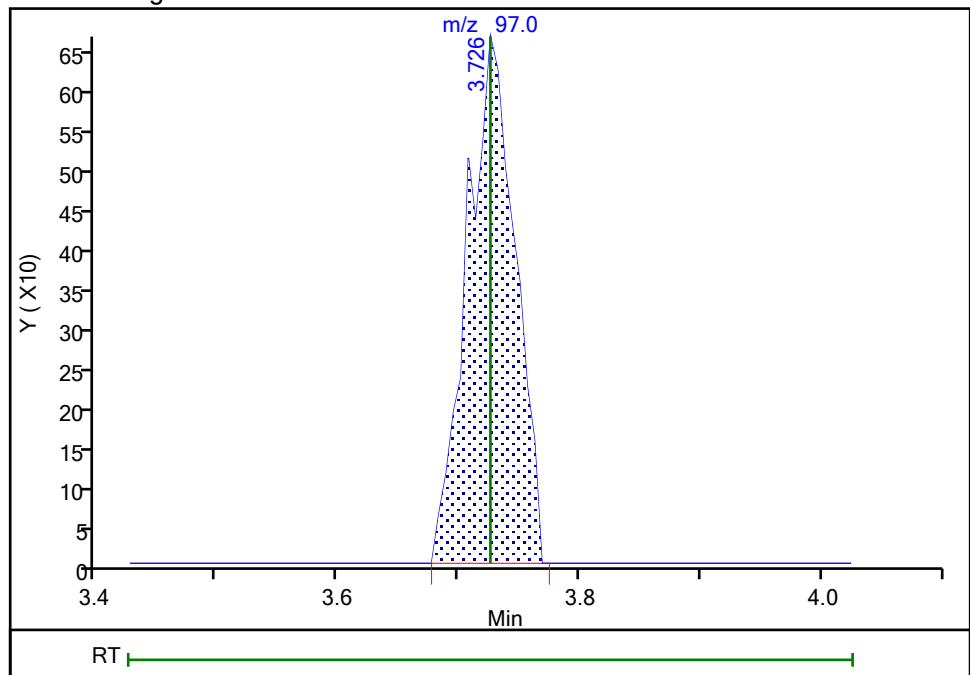
RT: 3.73

Area: 1846

Amount: 1.059721

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:03:14

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

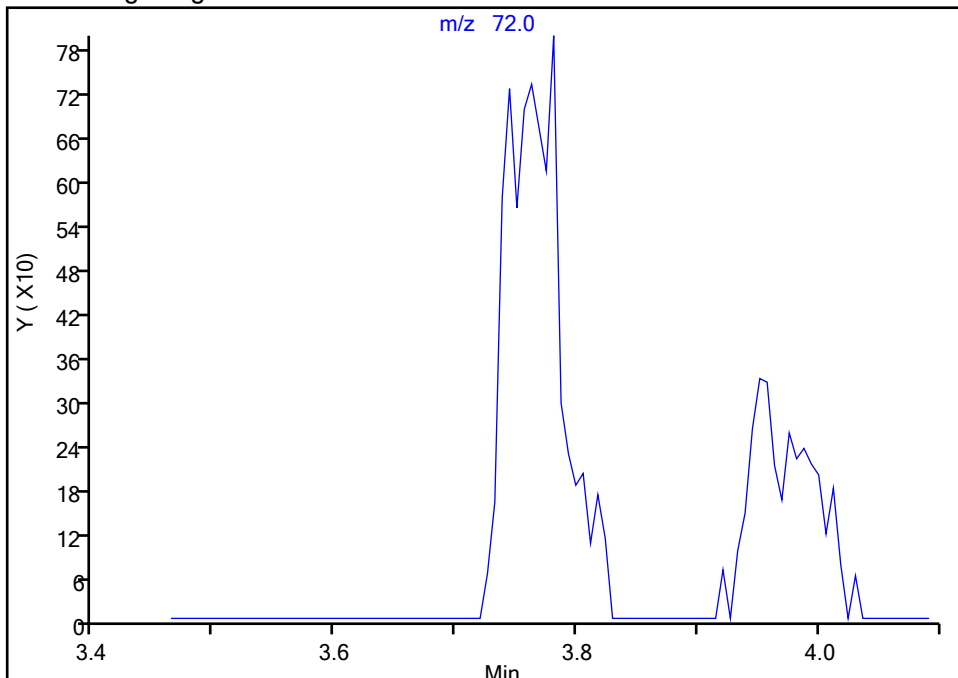
**45 2-Butanone (MEK), CAS: 78-93-3**

Signal: 1

Not Detected

Expected RT: 3.75

## Processing Integration Results



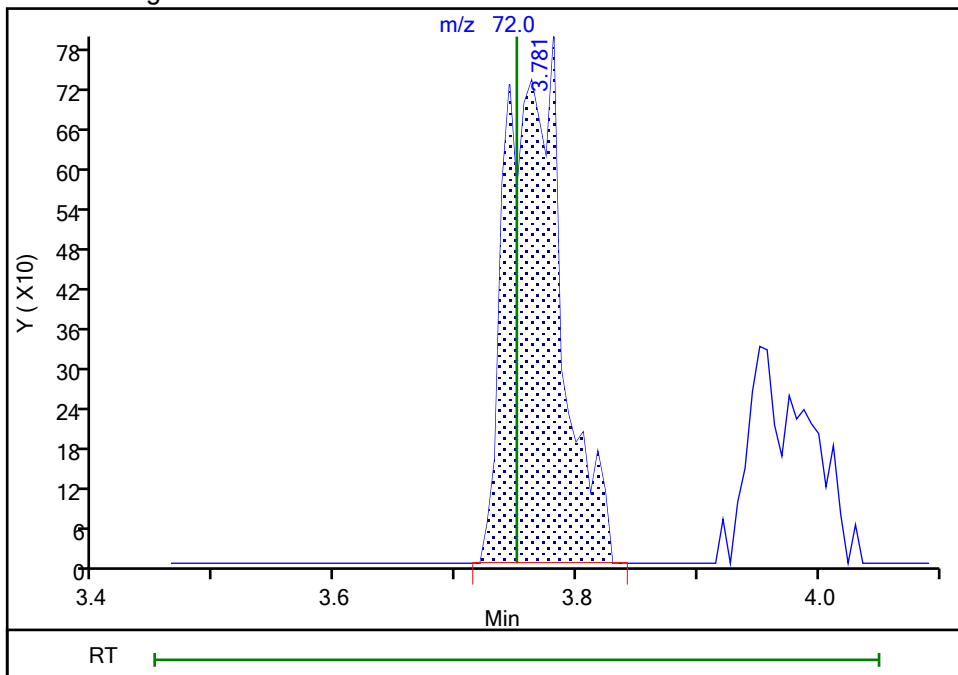
RT: 3.78

Area: 2489

Amount: 5.716677

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:03:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

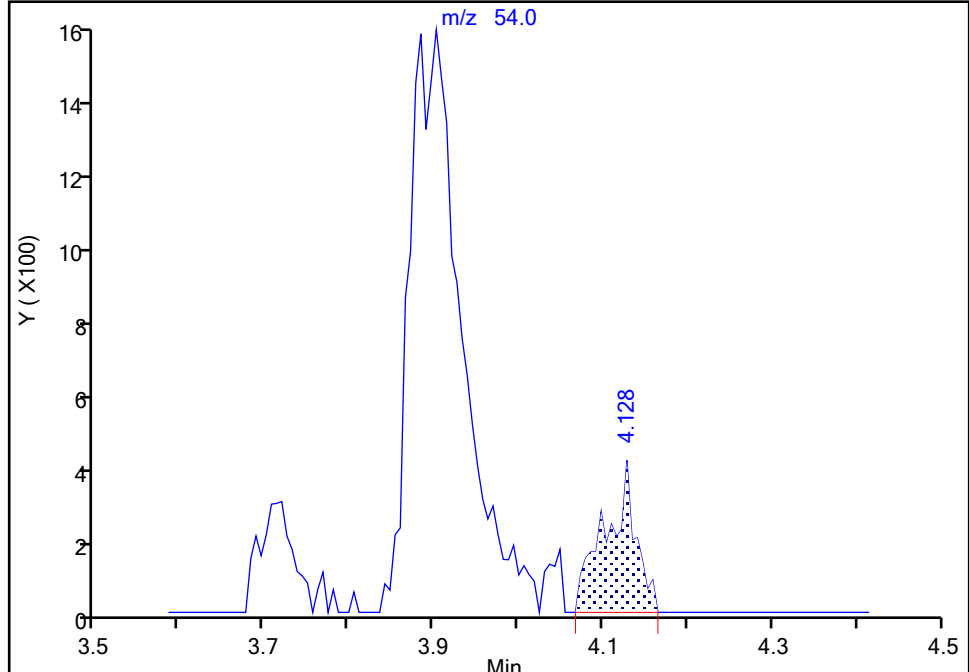
Detector: MS Quad

**48 Propionitrile, CAS: 107-12-0**

Signal: 1

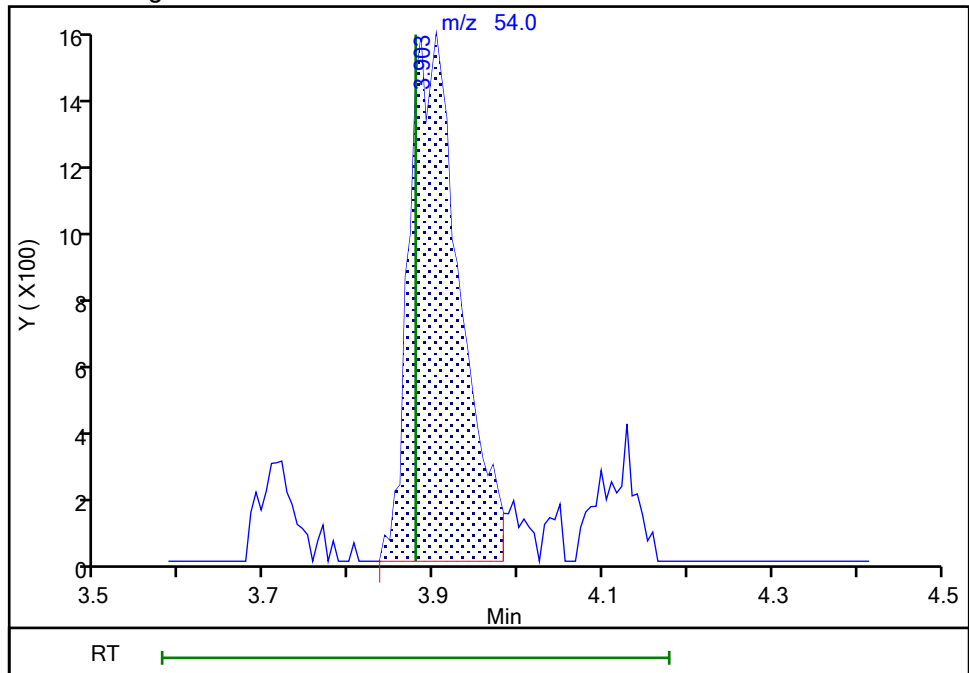
RT: 4.13  
Area: 1020  
Amount: 3.210648  
Amount Units: ug/l

## Processing Integration Results



RT: 3.90  
Area: 6507  
Amount: 9.734684  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:03:52

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

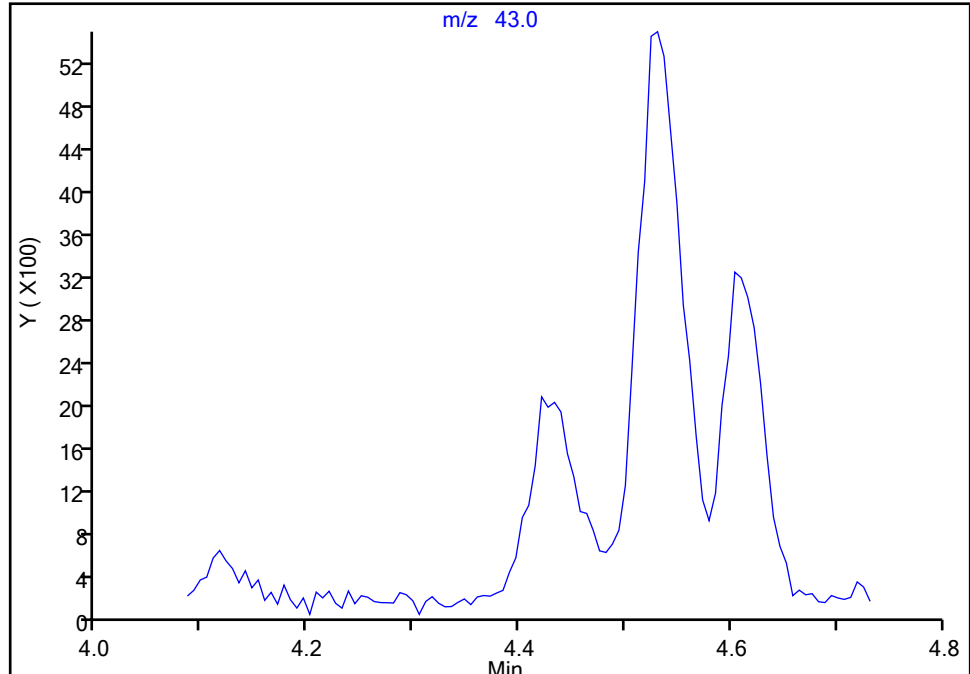
**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

Not Detected

Expected RT: 4.43

## Processing Integration Results



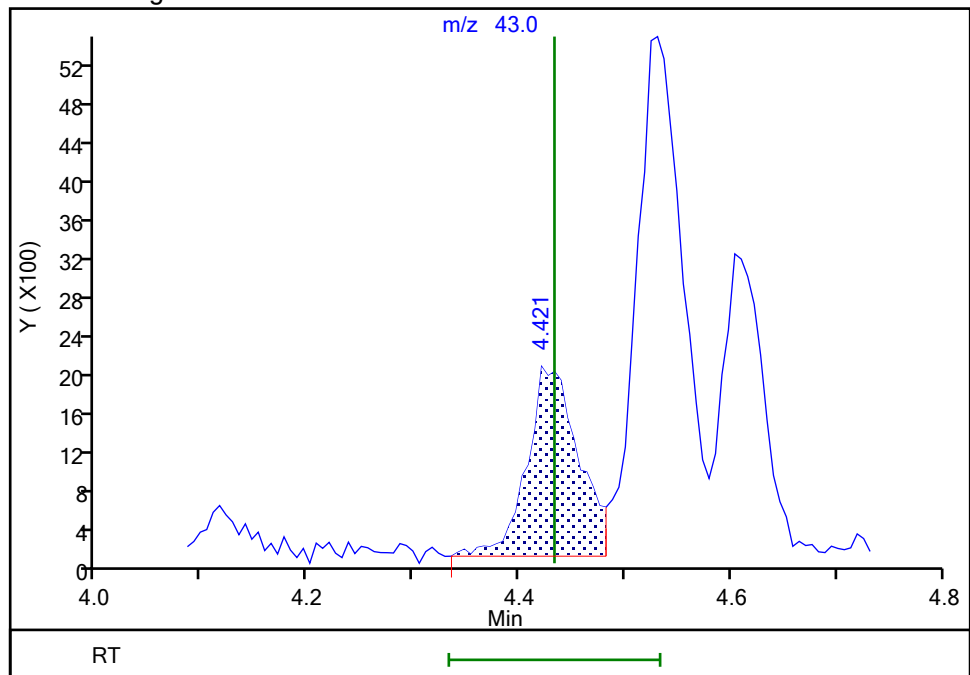
RT: 4.42

Area: 6670

Amount: 22.065897

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:04:02

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D		
Injection Date:	11-Jan-2022 23:42:30	Instrument ID:	CVOAMS17
Lims ID:	STD1		
Client ID:			
Operator ID:		ALS Bottle#:	4 Work
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Wa
Column:	DB-624 ( 0.18 mm)	Detector	MS Quad

ALS Bottle#: 4 Worklist Smp#: 5  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector MS Quad

Signal: 1

Not Detected  
Expected RT: 4.54

Chromatogram showing two peaks. The x-axis is labeled 'Min' (minutes) and ranges from 4.2 to 4.8. The y-axis is labeled 'Y (X100)' and ranges from 0 to 39. The first peak is at 4.50 minutes, labeled 'm/z 61.0'. The second peak is at 4.71 minutes.

Retention Time (Min)	Y (X100)
4.50	16.5
4.71	39.5

RT: 4.55  
Area: 2532  
Amount: 1.010497  
Amount Units: ug/l

### Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

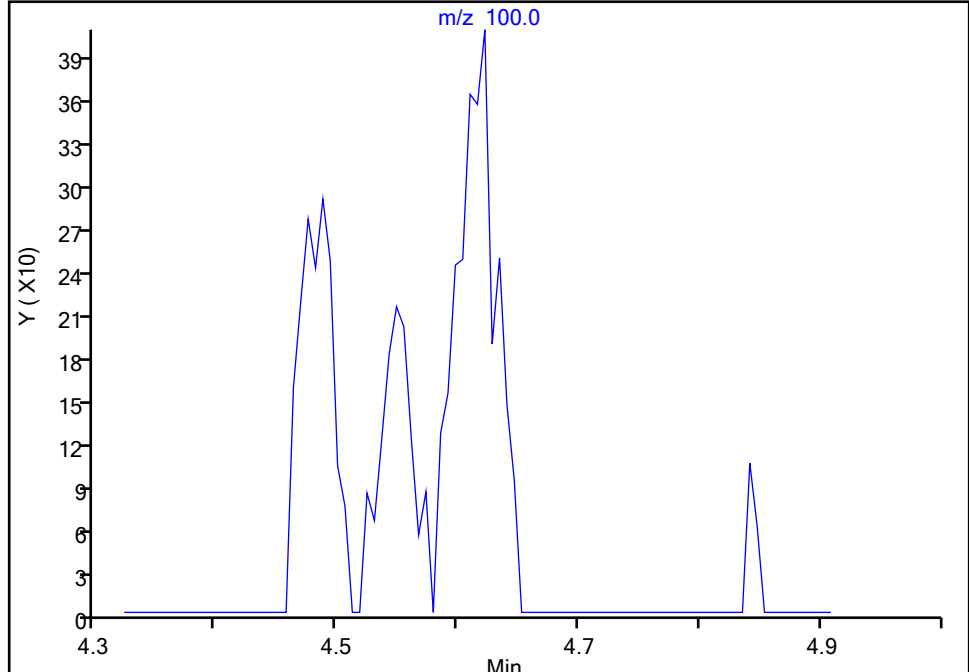
**65 n-Heptane, CAS: 142-82-5**

Signal: 1

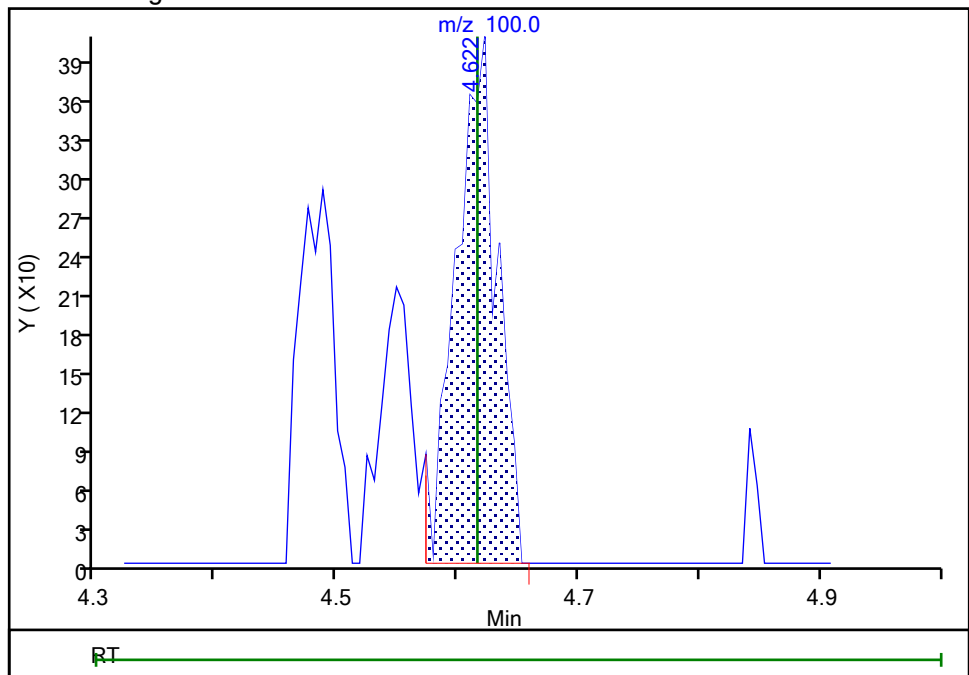
Not Detected

Expected RT: 4.62

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:04:13

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

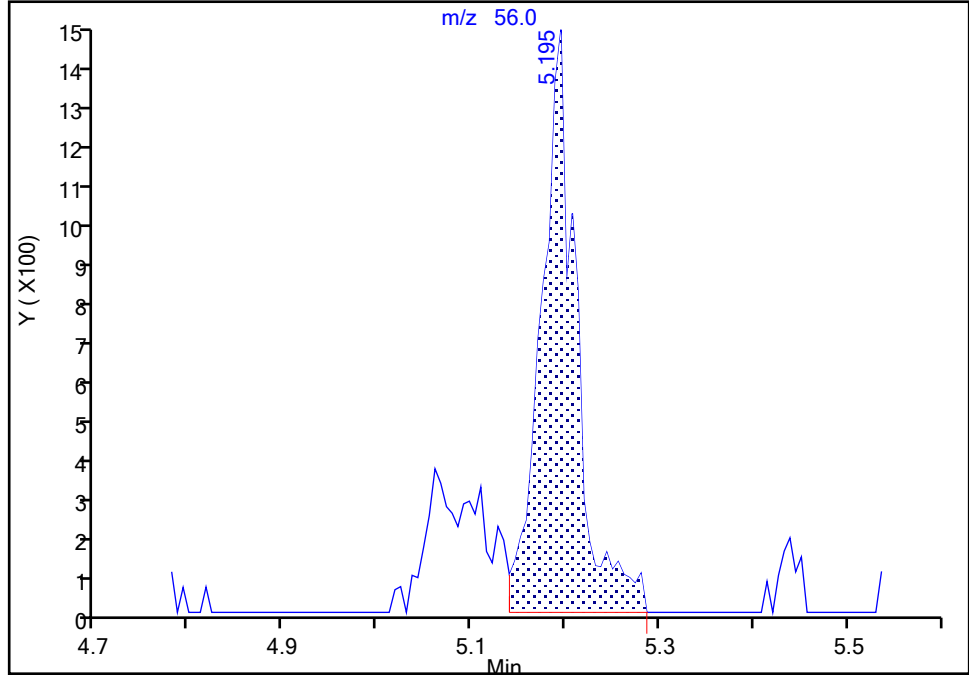
Detector: MS Quad

**67 n-Butanol, CAS: 71-36-3**

Signal: 1

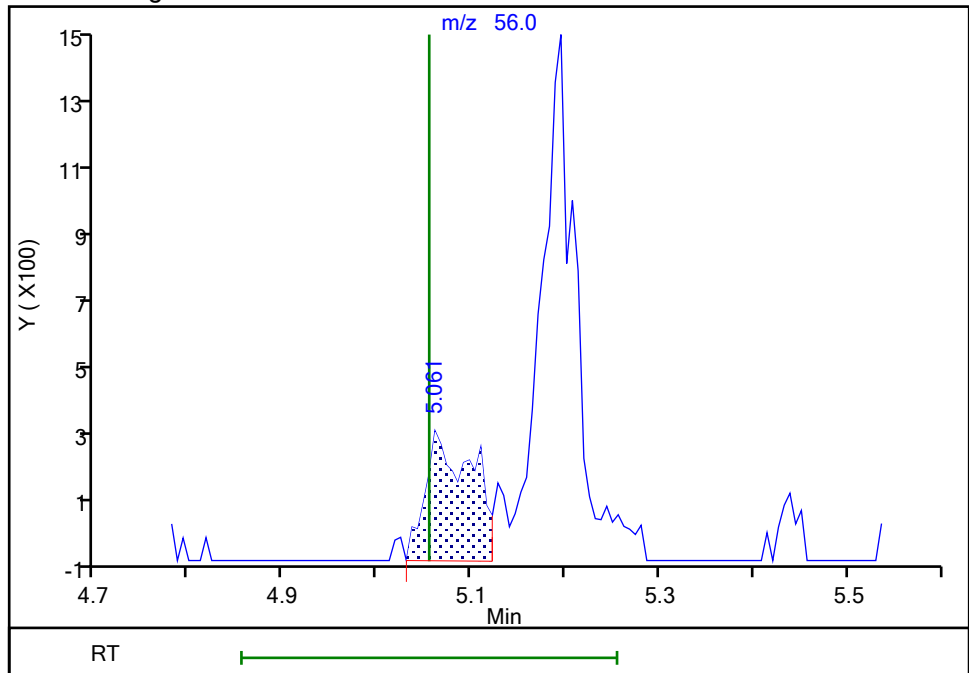
RT: 5.20  
Area: 3872  
Amount: 25.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.06  
Area: 1272  
Amount: 22.317878  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:04:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49276.D

Injection Date: 11-Jan-2022 23:42:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

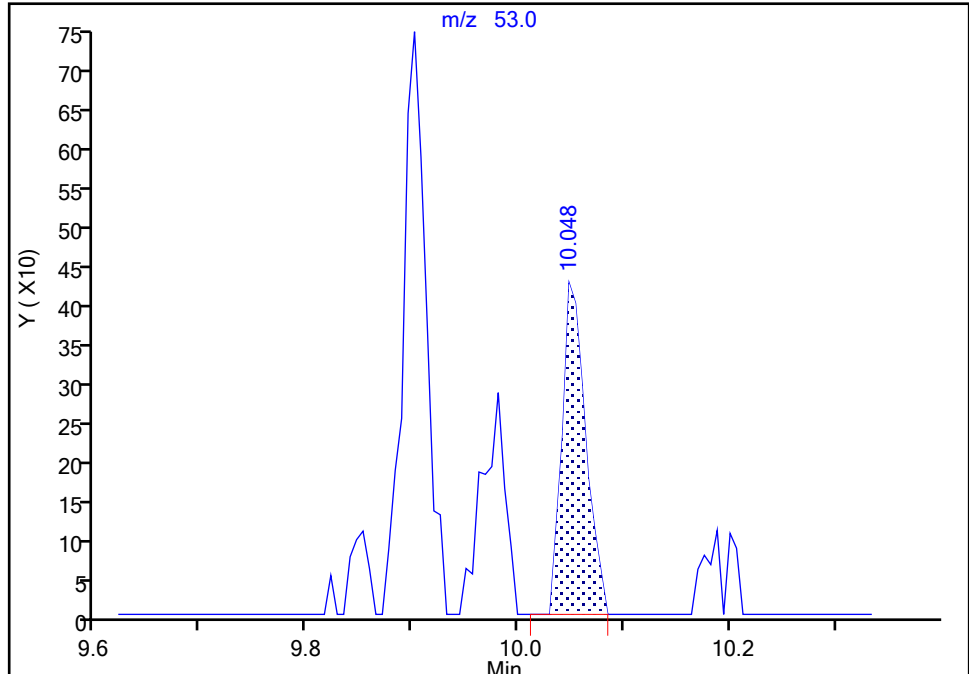
MS Quad

**110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

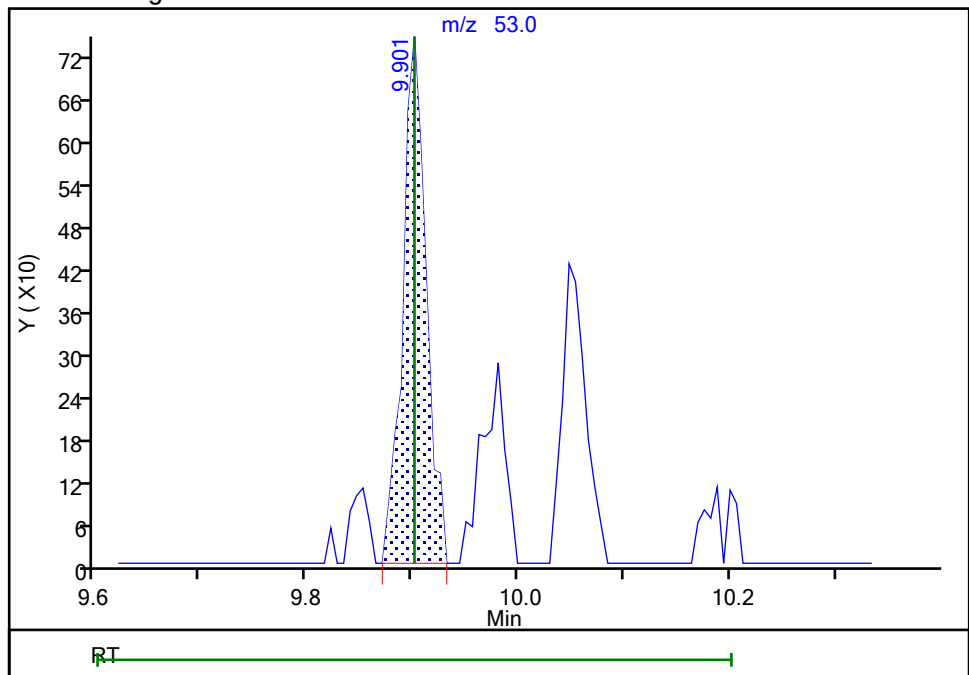
RT: 10.05  
Area: 660  
Amount: 0.649240  
Amount Units: ug/l

## Processing Integration Results



RT: 9.90  
Area: 1145  
Amount: 0.900481  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:04:52

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D  
 Lims ID: STD5  
 Client ID:  
 Sample Type: IC Calib Level: 3  
 Inject. Date: 12-Jan-2022 00:03:30 ALS Bottle#: 5 Worklist Smp#: 6  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD5  
 Misc. Info.: 460-0140108-006  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:37:22 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 12-Jan-2022 00:33:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.178	-0.013	65	1812	5.00	7.45	a
3 Chlorotrifluoroethene	116	1.257	1.251	0.006	0	7993	5.00	5.50	
2 1,1-Difluoroethane	65	1.269	1.269	0.000	0	15908	5.00	4.84	
4 Dichlorodifluoromethane	85	1.287	1.293	-0.006	0	36292	5.00	5.12	
5 Chlorodifluoromethane	67	1.299	1.299	0.000	0	6601	5.00	5.03	
6 Chloromethane	50	1.433	1.434	-0.001	0	51384	5.00	5.24	
8 Butadiene	54	1.513	1.507	0.006	0	44704	5.00	5.30	
7 Vinyl chloride	62	1.513	1.513	0.000	0	47349	5.00	5.31	
9 Bromomethane	94	1.756	1.757	-0.001	0	25680	5.00	5.31	
10 Chloroethane	64	1.805	1.805	0.000	0	26096	5.00	5.05	
11 Dichlorofluoromethane	67	1.970	1.970	0.000	0	63861	5.00	5.26	
13 Pentane	72	1.982	1.976	0.006	0	9390	10.0	11.4	
12 Trichlorofluoromethane	101	1.976	1.976	0.000	0	41969	5.00	5.42	
15 Ethyl ether	74	2.147	2.153	-0.006	0	14597	5.00	5.20	
14 Ethanol	46	2.134	2.153	-0.019	77	2733	200.0	259.7	M
16 2-Methyl-1,3-butadiene	53	2.165	2.165	0.000	0	28772	5.00	5.29	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.208	2.208	0.000	0	22641	5.00	5.63	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.256	2.257	-0.001	92	41893	5.00	5.51	a
19 Acrolein	56	2.305	2.305	0.000	0	12419	20.3	22.5	
20 112TCTFE	101	2.317	2.318	-0.001	0	26794	5.00	5.77	
21 1,1-Dichloroethene	96	2.336	2.330	0.006	0	25014	5.00	5.24	
22 Acetone	43	2.427	2.421	0.006	0	40832	25.0	26.9	
23 Iodomethane	142	2.470	2.470	0.000	0	39802	5.00	5.23	
25 Isopropyl alcohol	45	2.519	2.494	0.025	27	7594	50.0	62.1	M
24 Carbon disulfide	76	2.494	2.500	-0.006	0	111057	5.00	5.21	
26 3-Chloro-1-propene	76	2.616	2.610	0.006	0	16981	5.00	5.14	
28 Cyclopentene	67	2.628	2.628	0.000	0	72087	5.00	5.51	
27 Methyl acetate	43	2.634	2.635	-0.001	0	42105	10.0	9.92	
29 Acetonitrile	41	2.720	2.696	0.024	19	36423	50.0	52.0	Ma
30 Methylene Chloride	84	2.732	2.732	0.000	0	30782	5.00	5.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.750	2.744	0.006	98	30443	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	2.805	2.793	0.012	35	19777	50.0	56.7	Ma
33 Methyl tert-butyl ether	73	2.878	2.872	0.006	0	71024	5.00	5.10	
34 trans-1,2-Dichloroethene	96	2.896	2.897	-0.001	0	27729	5.00	5.28	
35 Acrylonitrile	53	2.970	2.976	-0.006	0	106087	50.0	52.4	
36 Hexane	57	3.037	3.037	0.000	0	41010	5.00	5.40	
37 Isopropyl ether	45	3.238	3.232	0.006	0	117285	5.00	5.27	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	0	57758	5.00	5.33	
39 Vinyl acetate	86	3.268	3.262	0.006	0	7759	10.0	10.1	
40 2-Chloro-1,3-butadiene	88	3.305	3.305	0.000	0	23410	5.00	5.27	
41 Tert-butyl ethyl ether	59	3.524	3.525	-0.001	0	89239	5.00	5.20	
* 42 2-Butanone-d5	46	3.701	3.701	0.000	0	327226	250.0	250.0	
43 2,2-Dichloropropane	97	3.732	3.726	0.006	0	9180	5.00	5.21	
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	0	29353	5.00	5.22	
45 2-Butanone (MEK)	72	3.756	3.750	0.006	0	10671	25.0	24.6	
46 Ethyl acetate	70	3.756	3.756	0.000	0	4104	10.0	10.3	
47 Methyl acrylate	55	3.805	3.799	0.006	0	17834	5.00	4.64	
48 Propionitrile	54	3.896	3.878	0.018	0	33485	50.0	54.2	
50 Tetrahydrofuran	72	3.951	3.945	0.006	0	5090	10.0	9.79	
49 Chlorobromomethane	128	3.951	3.957	-0.006	0	12411	5.00	5.07	
51 Methacrylonitrile	67	3.976	3.970	0.006	0	87123	50.0	51.0	
52 Chloroform	83	4.006	4.006	0.000	0	47642	5.00	5.33	
53 Cyclohexane	84	4.116	4.116	0.000	0	40950	5.00	5.49	
54 1,1,1-Trichloroethane	97	4.140	4.134	0.006	0	39313	5.00	5.35	
\$ 55 Dibromofluoromethane (Surr)	113	4.158	4.153	0.005	0	142168	50.0	51.9	
56 Carbon tetrachloride	117	4.250	4.250	0.000	0	30899	5.00	5.25	
57 1,1-Dichloropropene	75	4.274	4.274	0.000	0	35969	5.00	5.13	
59 Isooctane	57	4.433	4.433	0.000	0	107153	5.00	5.42	
58 Isobutyl alcohol	43	4.433	4.433	0.000	40	36667	125.0	131.3	a
60 Benzene	78	4.463	4.463	0.000	0	104857	5.00	5.48	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	181623	50.0	50.1	
62 Tert-amyl methyl ether	73	4.530	4.531	-0.001	79	80413	5.00	5.23	a
63 Isopropyl acetate	61	4.536	4.537	-0.001	0	12099	5.00	4.77	
64 1,2-Dichloroethane	62	4.555	4.549	0.006	0	33413	5.00	5.02	
65 n-Heptane	100	4.610	4.616	-0.006	0	6351	5.00	5.64	
* 66 Fluorobenzene	96	4.738	4.738	0.000	0	559980	50.0	50.0	
67 n-Butanol	56	5.061	5.055	0.006	0	6452	125.0	122.6	
68 Trichloroethene	95	5.073	5.073	0.000	0	23136	5.00	4.90	
69 Methylcyclohexane	83	5.189	5.189	0.000	0	45512	5.00	5.43	
70 Ethyl acrylate	99	5.201	5.195	0.006	0	2757	5.00	4.24	
71 1,2-Dichloropropane	63	5.353	5.354	-0.001	0	27237	5.00	4.96	
* 72 1,4-Dioxane-d8	96	5.420	5.421	-0.001	89	15995	1000.0	1000.0	M
73 Methyl methacrylate	100	5.439	5.439	0.000	0	7683	10.0	9.24	
75 1,4-Dioxane	88	5.469	5.475	-0.006	34	2211	100.0	114.8	M
74 Dibromomethane	93	5.475	5.475	0.000	0	13269	5.00	4.90	
76 n-Propyl acetate	43	5.500	5.494	0.006	0	29534	5.00	4.80	
77 Dichlorobromomethane	83	5.628	5.628	0.000	0	29274	5.00	4.81	
78 2-Nitropropane	41	5.963	5.957	0.006	0	9604	10.0	8.00	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	0	11189	5.01	4.42	
80 Epichlorohydrin	57	6.061	6.061	-0.001	0	35804	100.0	101.2	
81 cis-1,3-Dichloropropene	75	6.109	6.109	0.000	0	32474	5.00	4.93	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	41101	25.0	24.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	464219	50.0	52.1	
84 Toluene	91	6.420	6.420	0.000	0	91646	5.00	5.16	
85 trans-1,3-Dichloropropene	75	6.774	6.768	0.006	0	26379	5.00	4.85	
86 Ethyl methacrylate	69	6.816	6.817	-0.001	0	22500	5.00	4.79	
87 1,1,2-Trichloroethane	83	6.981	6.975	0.006	0	15110	5.00	5.21	
88 Tetrachloroethene	166	7.012	7.006	0.006	0	19161	5.00	5.38	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	28956	5.00	5.00	
90 2-Hexanone	43	7.261	7.262	-0.001	0	61394	25.0	23.1	
91 n-Butyl acetate	43	7.383	7.378	0.005	0	33641	5.00	4.78	
92 Chlorodibromomethane	129	7.402	7.402	0.000	0	16339	5.00	5.24	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	14506	5.00	5.08	
* 94 Chlorobenzene-d5	117	8.085	8.085	-0.001	0	330111	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	0	52542	5.00	5.22	
96 Ethylbenzene	106	8.237	8.231	0.006	0	29254	5.00	5.17	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	0	21028	5.00	5.14	
98 m-Xylene & p-Xylene	106	8.389	8.390	-0.001	0	34790	5.00	5.08	
99 o-Xylene	106	8.908	8.908	0.000	0	36563	5.00	5.14	
100 n-Butyl acrylate	73	8.920	8.926	-0.006	0	13322	5.00	4.65	
101 Styrene	104	8.944	8.950	-0.006	0	52427	5.00	5.11	
102 Bromoform	173	9.200	9.206	-0.006	0	9051	5.00	4.88	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	41897	5.00	3.12	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	101654	5.00	5.28	
\$ 105 4-Bromofluorobenzene	174	9.596	9.597	-0.001	0	119363	50.0	52.6	
106 Bromobenzene	156	9.743	9.743	0.000	0	20395	5.00	4.72	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	24753	5.00	4.86	
108 N-Propylbenzene	91	9.846	9.847	-0.001	0	125961	5.00	4.81	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	0	6273	5.00	5.06	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	79	6426	5.00	4.95	a
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	87804	5.00	4.95	
112 4-Ethyltoluene	105	9.974	9.981	-0.007	0	97826	5.00	5.09	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	82031	5.00	4.78	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	80956	5.00	4.98	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	22220	5.00	2.90	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	59464	5.00	3.44	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	85079	5.00	4.86	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	109864	5.00	4.81	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	41756	5.00	4.82	
120 4-Isopropyltoluene	119	10.736	10.737	-0.001	0	88042	5.00	4.81	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.792	-0.001	0	182723	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	43727	5.00	5.01	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	0	92475	5.00	4.93	
124 Benzyl chloride	91	10.962	10.962	0.000	0	38848	5.00	4.67	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	83495	5.00	4.99	
126 p-Diethylbenzene	119	11.090	11.090	0.000	0	48515	5.00	4.93	
127 n-Butylbenzene	92	11.114	11.115	-0.001	0	56388	5.00	5.06	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	44783	5.00	5.09	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	77166	5.00	4.53	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	4178	5.00	4.90	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	37209	5.00	4.93	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	0	34701	5.00	4.77	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	12840	5.00	4.68	
134 Naphthalene	128	12.663	12.663	0.000	0	73008	5.00	4.63	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	31941	5.00	4.80	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.5	
S 137 Xylenes, Total	100				0		10.0	10.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.77	
S 140 Total BTEX	1				0		25.0	26.0	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00149	Amount Added: 10.00	Units: uL	
524freon_00047	Amount Added: 10.00	Units: uL	
ACROLEIN W_00135	Amount Added: 4.00	Units: uL	
GASES Li_00458	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

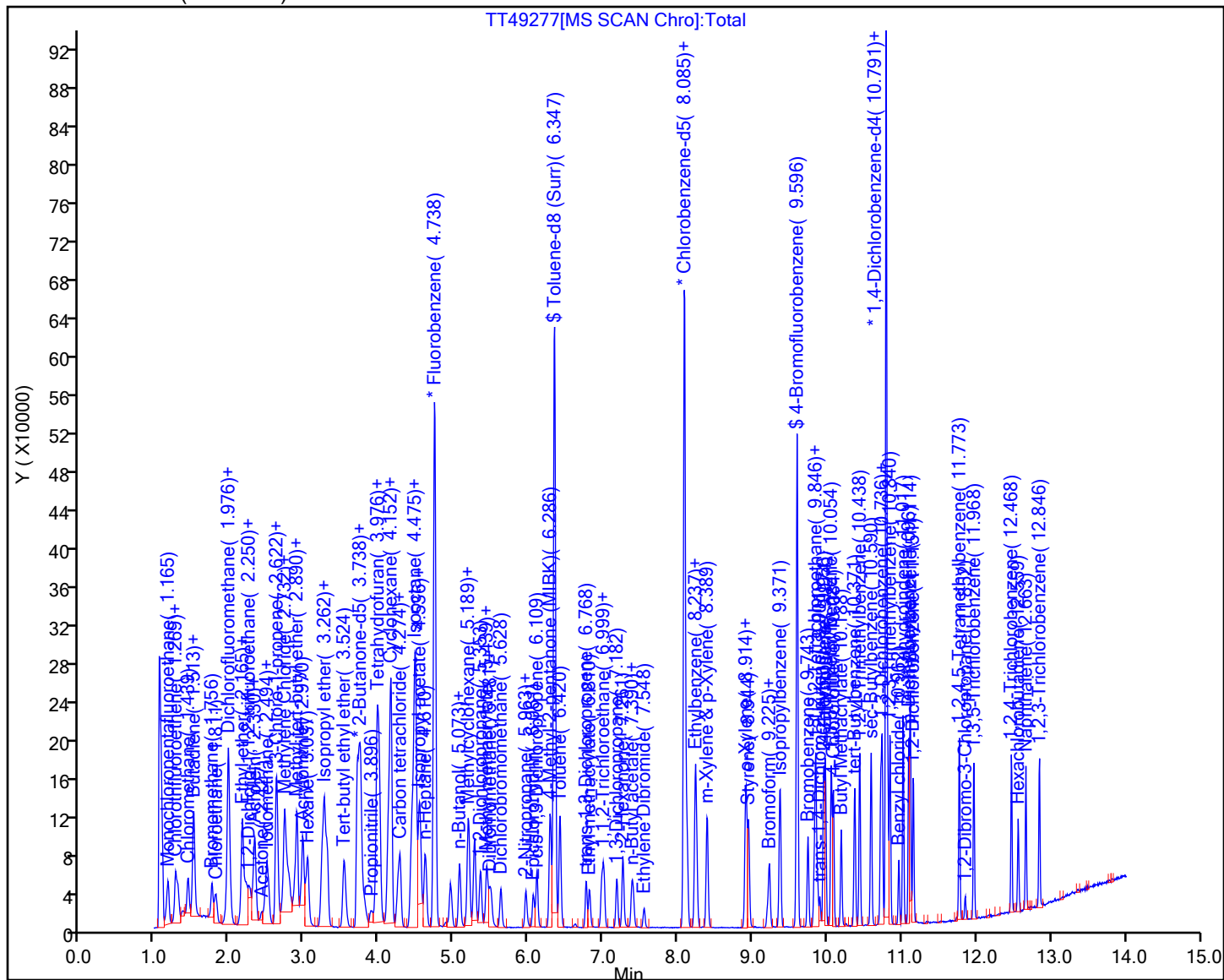
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

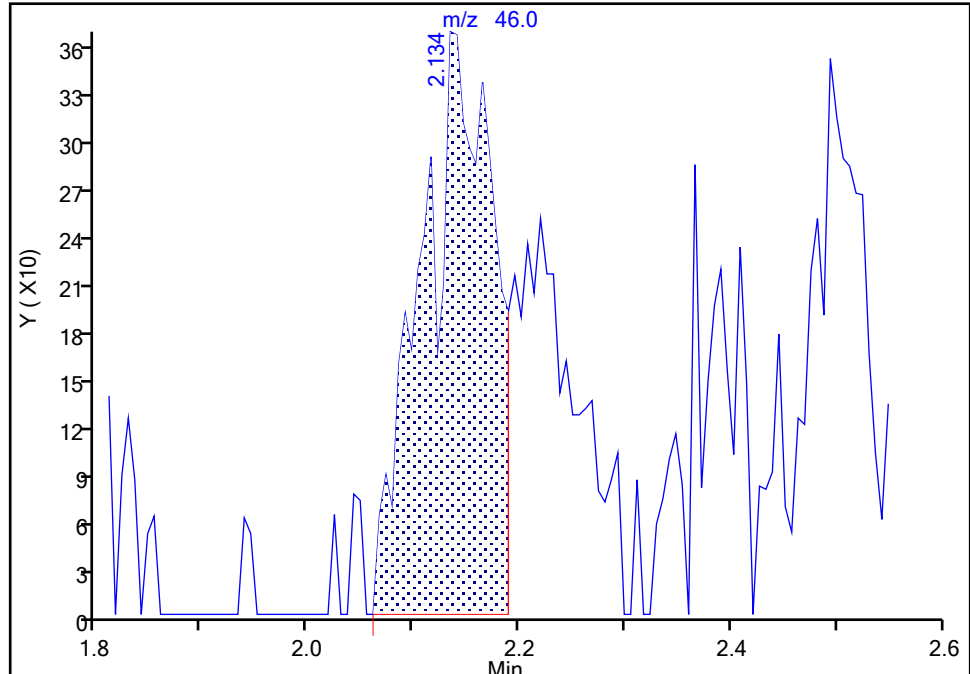
Detector: MS Quad

**14 Ethanol, CAS: 64-17-5**

Signal: 1

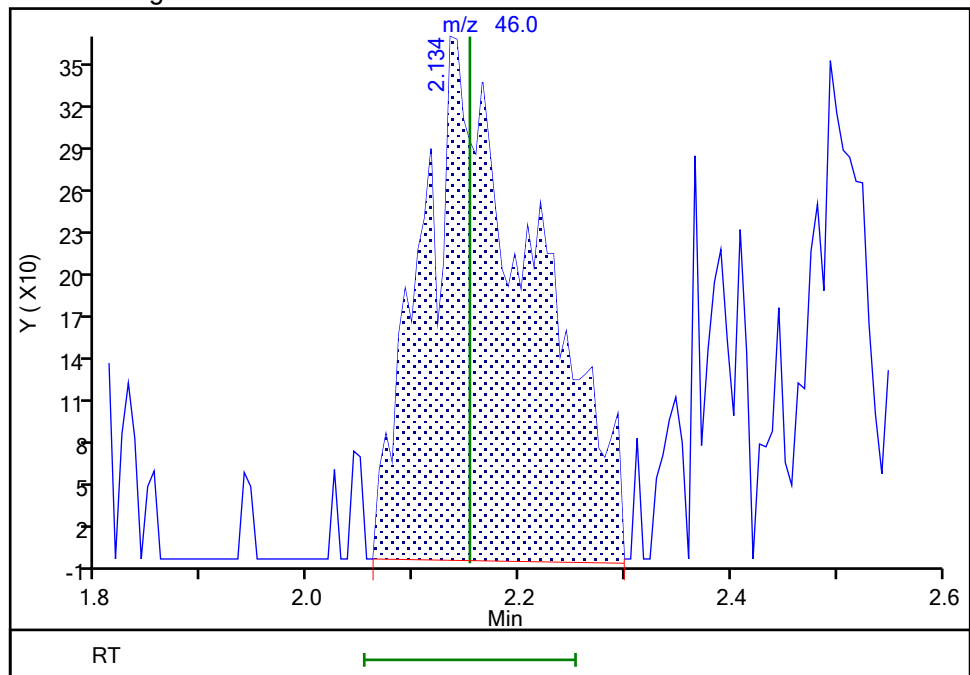
RT: 2.13  
Area: 1734  
Amount: 186.5809  
Amount Units: ug/l

## Processing Integration Results



RT: 2.13  
Area: 2733  
Amount: 259.7180  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:23:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

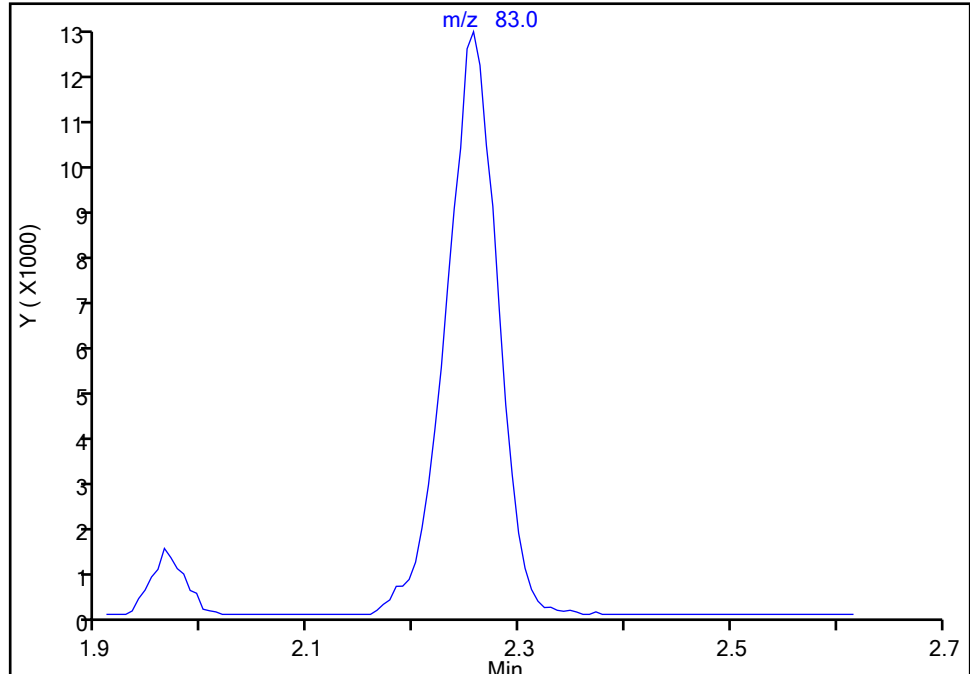
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

Expected RT: 2.26

## Processing Integration Results



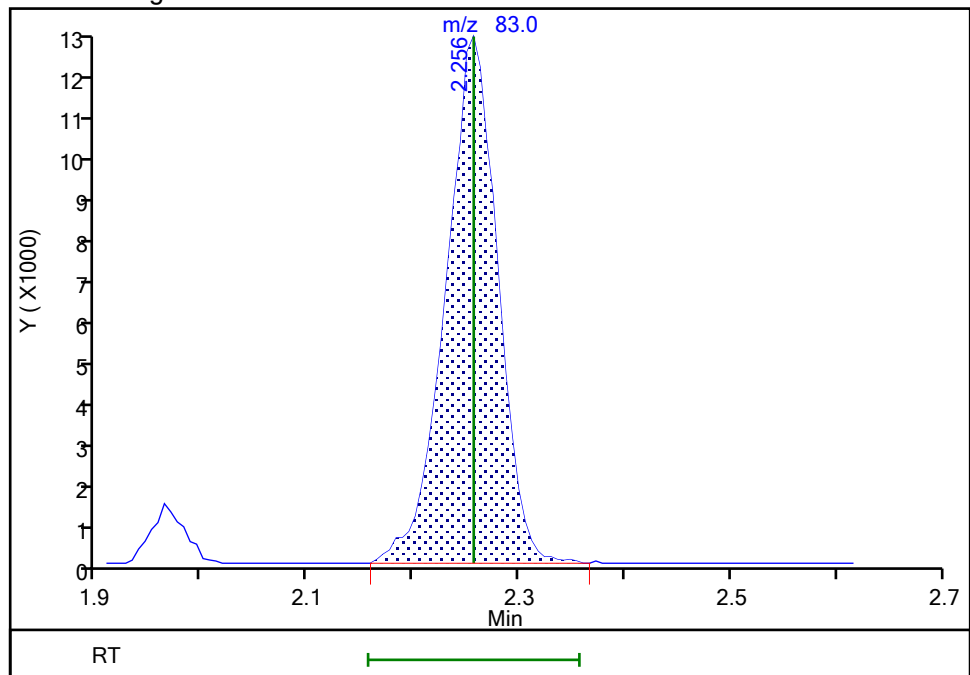
RT: 2.26

Area: 41893

Amount: 5.507720

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:28:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

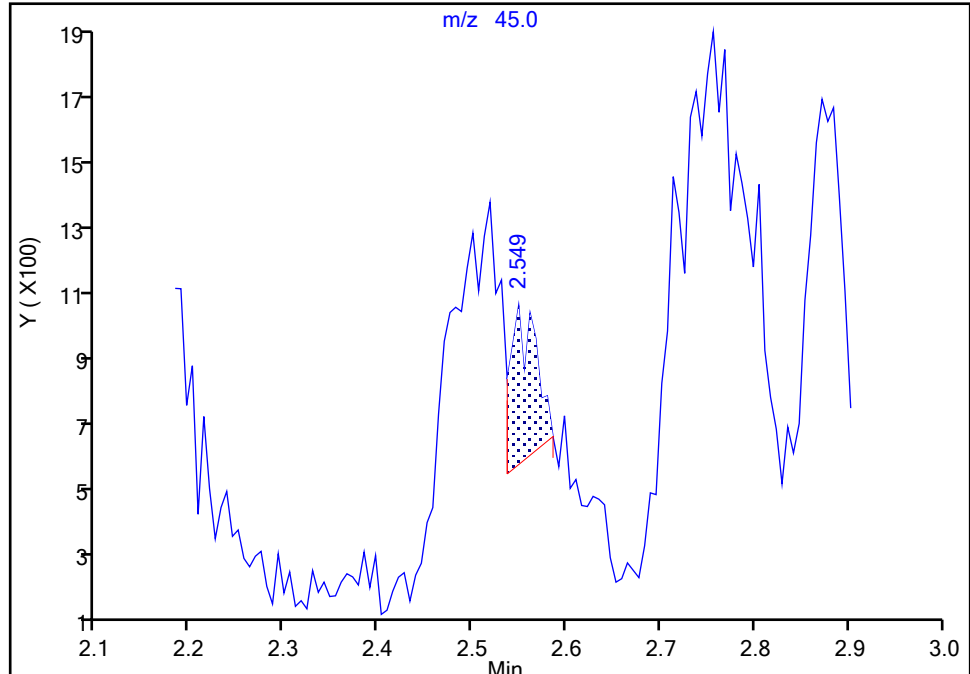
Detector: MS Quad

**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

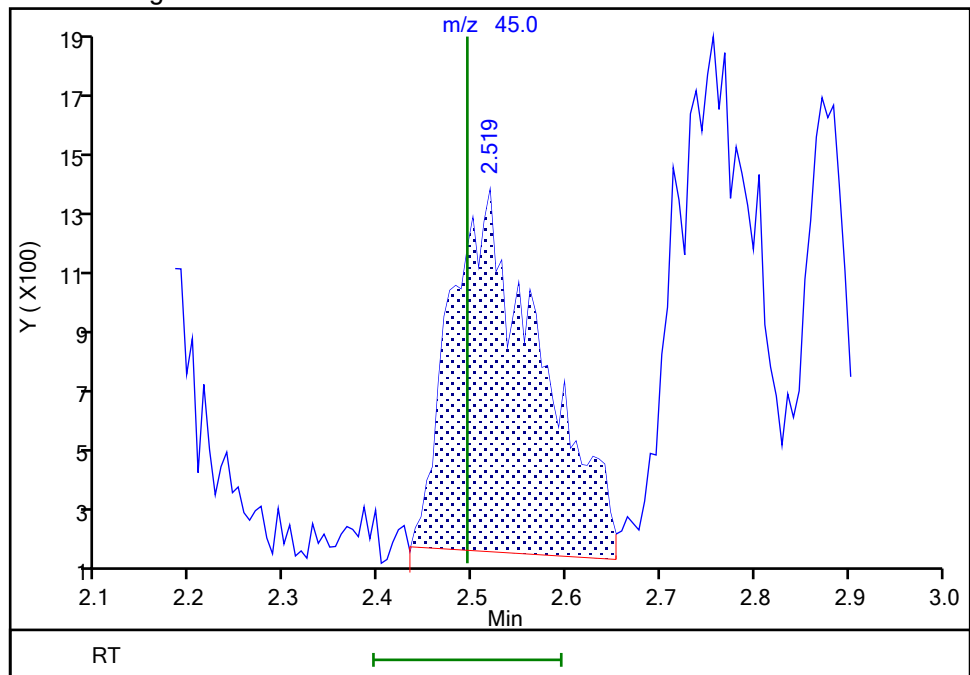
RT: 2.55  
Area: 848  
Amount: 11.363494  
Amount Units: ug/l

## Processing Integration Results



RT: 2.52  
Area: 7594  
Amount: 62.091085  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:28:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

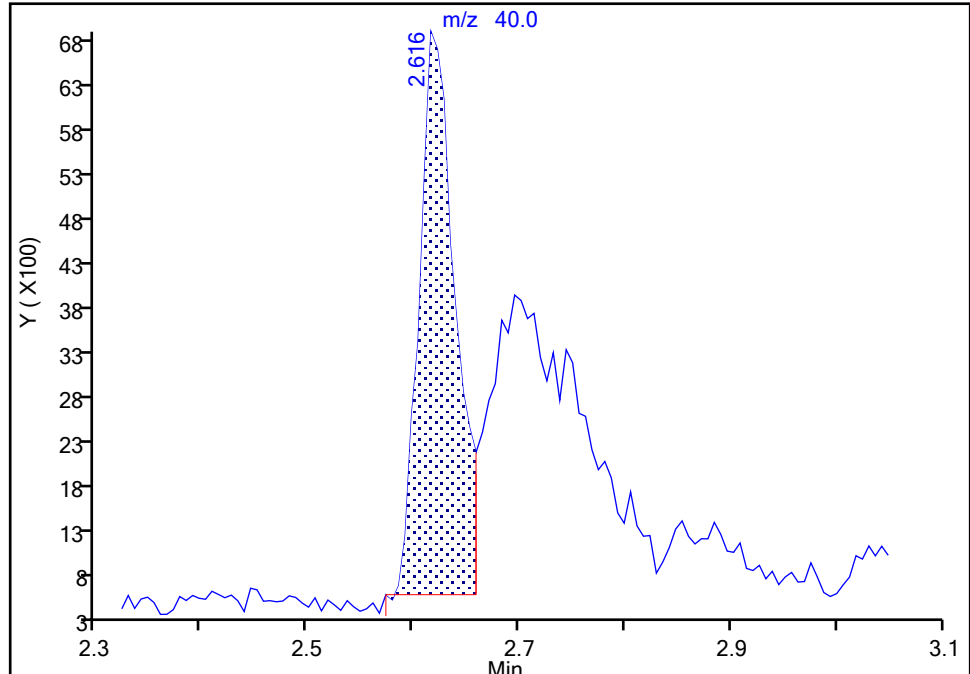
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

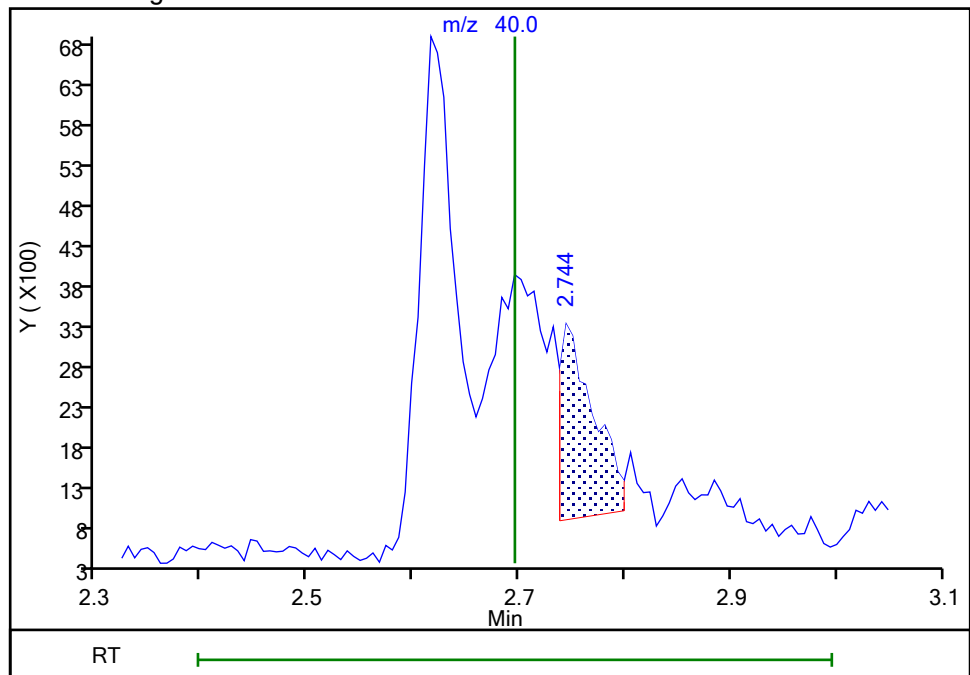
RT: 2.62  
Area: 14947  
Amount: 80.641599  
Amount Units: ug/l

## Processing Integration Results



RT: 2.74  
Area: 5490  
Amount: 51.957340  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:30:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

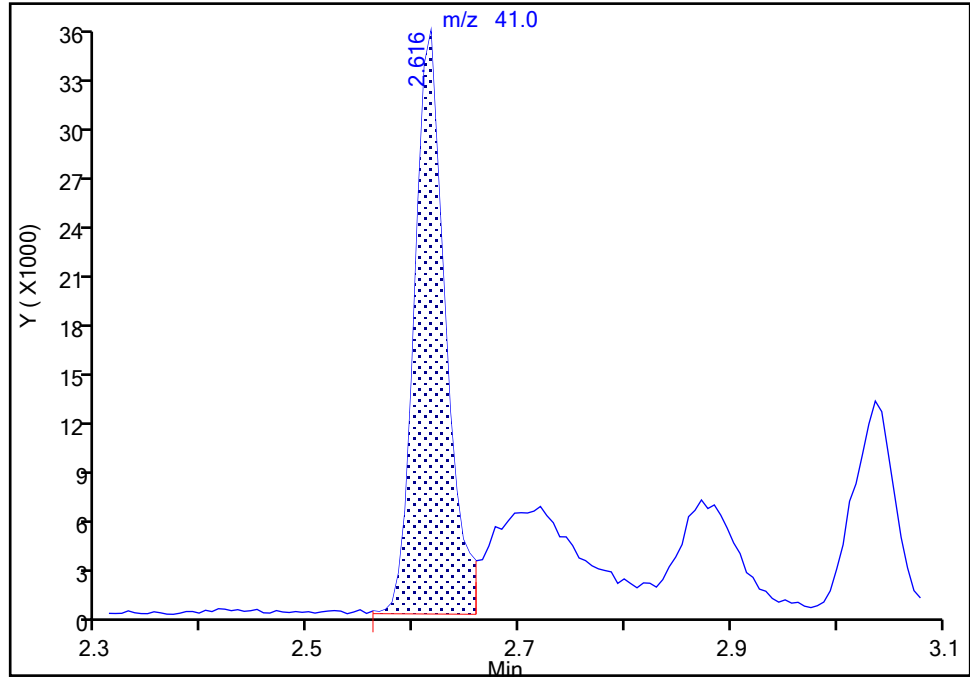
MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 2

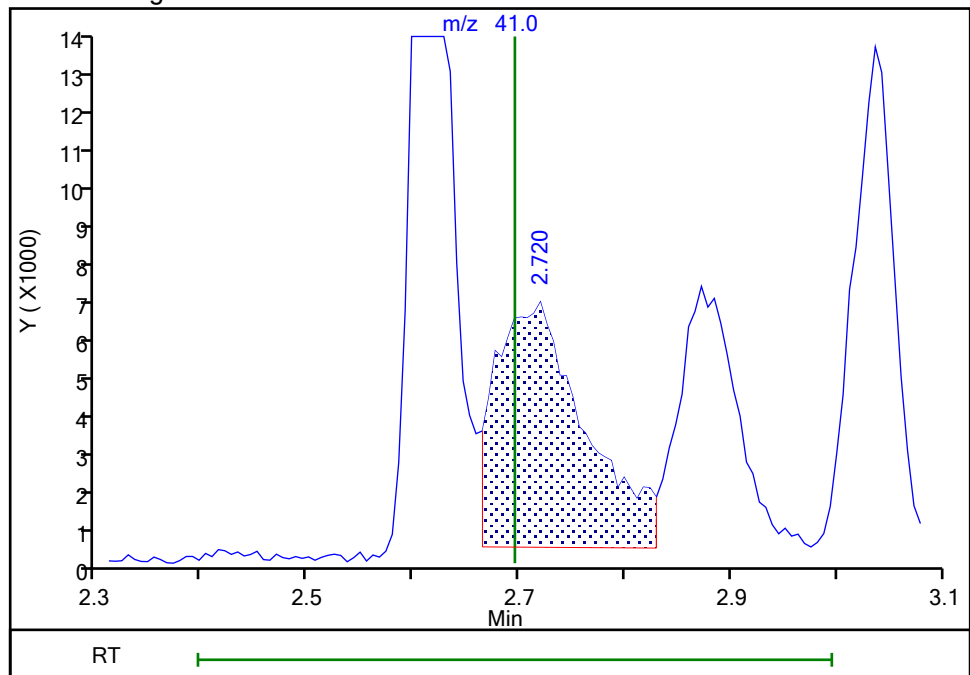
RT: 2.62  
Area: 72115  
Amount: 80.641599  
Amount Units: ug/l

## Processing Integration Results



RT: 2.72  
Area: 36423  
Amount: 51.957340  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:30:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration  
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01/18/2022

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

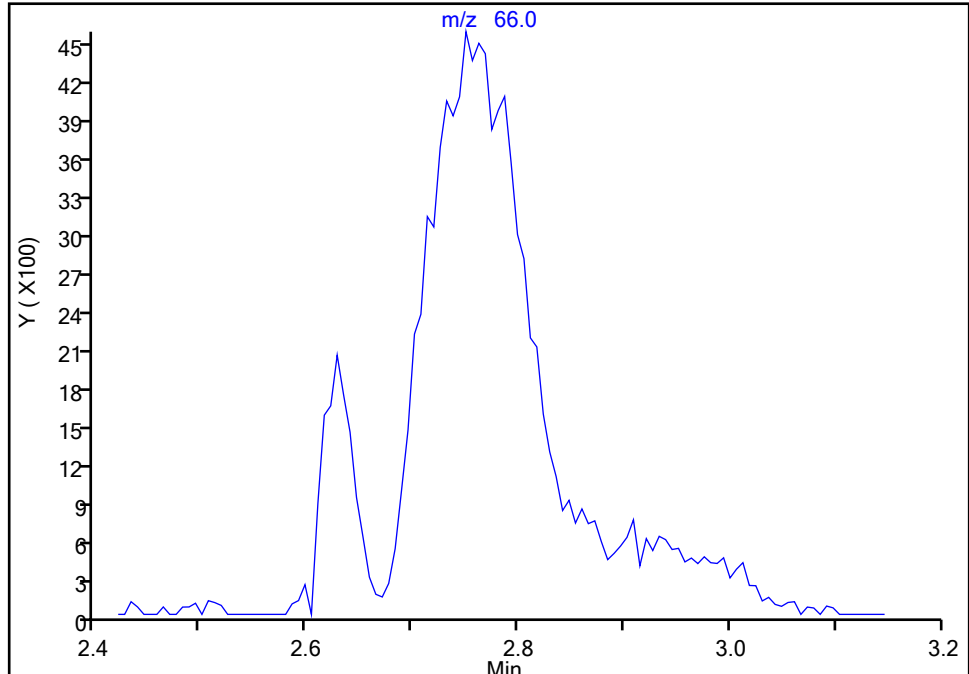
\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

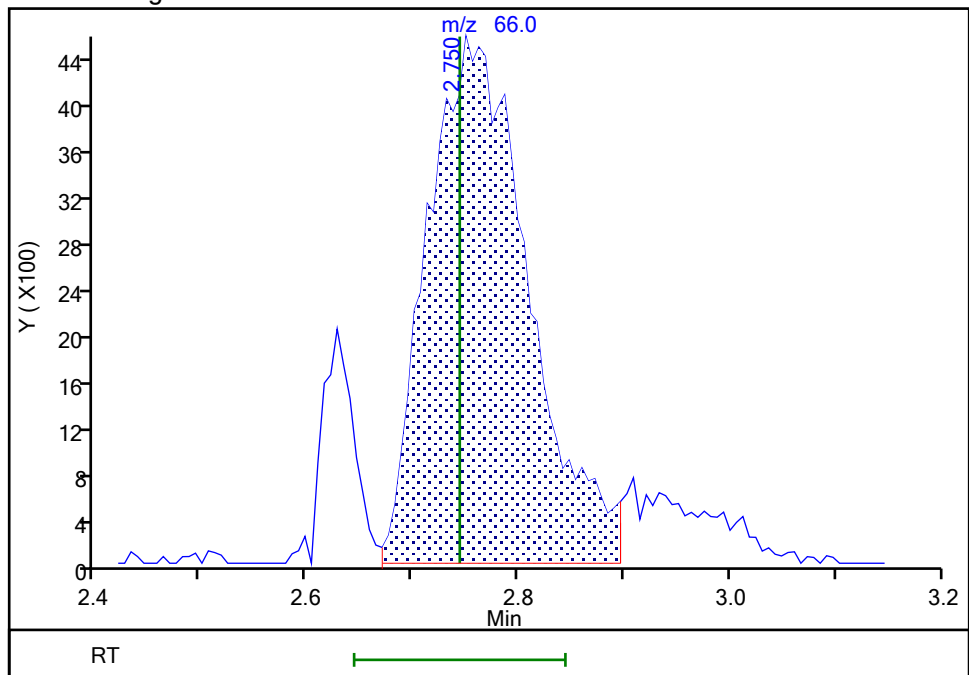
Not Detected

Expected RT: 2.74

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:27:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

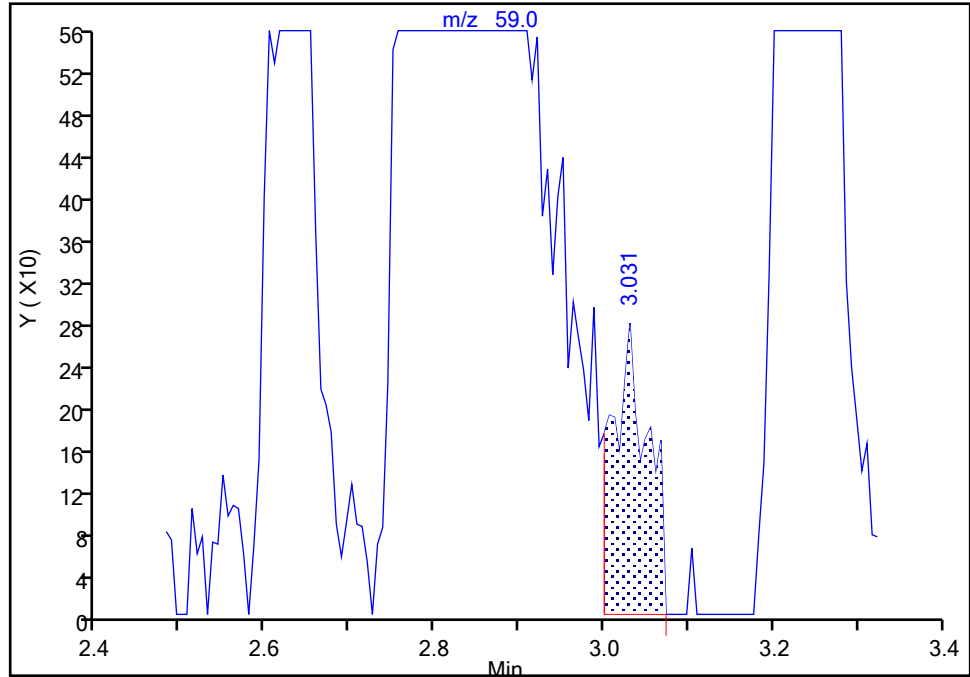
MS Quad

**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

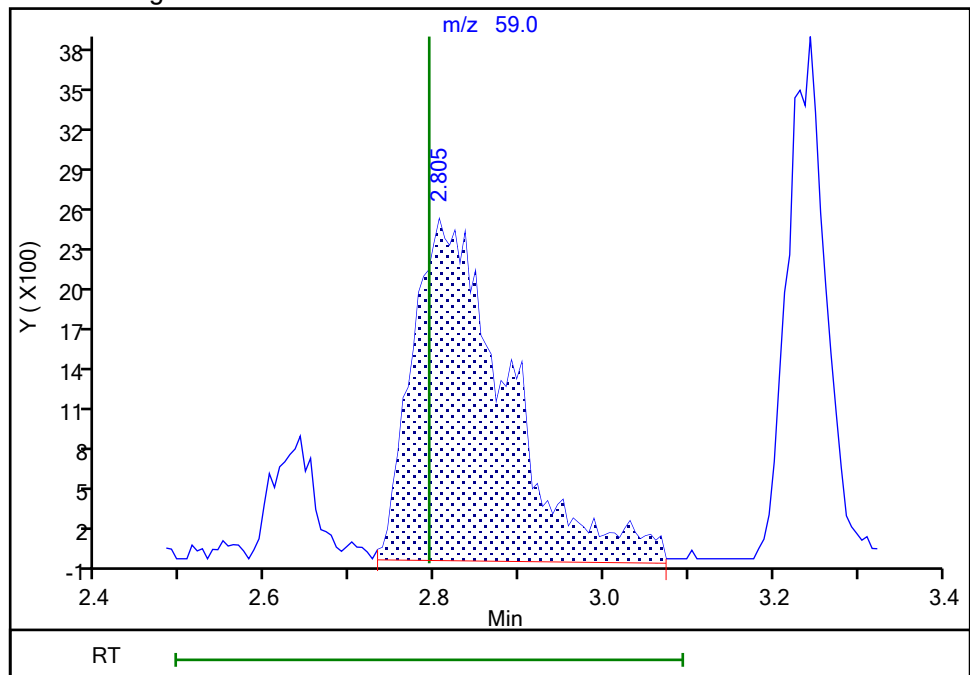
RT: 3.03  
Area: 800  
Amount: 3.139869  
Amount Units: ug/l

## Processing Integration Results



RT: 2.81  
Area: 19777  
Amount: 56.653384  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:04:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

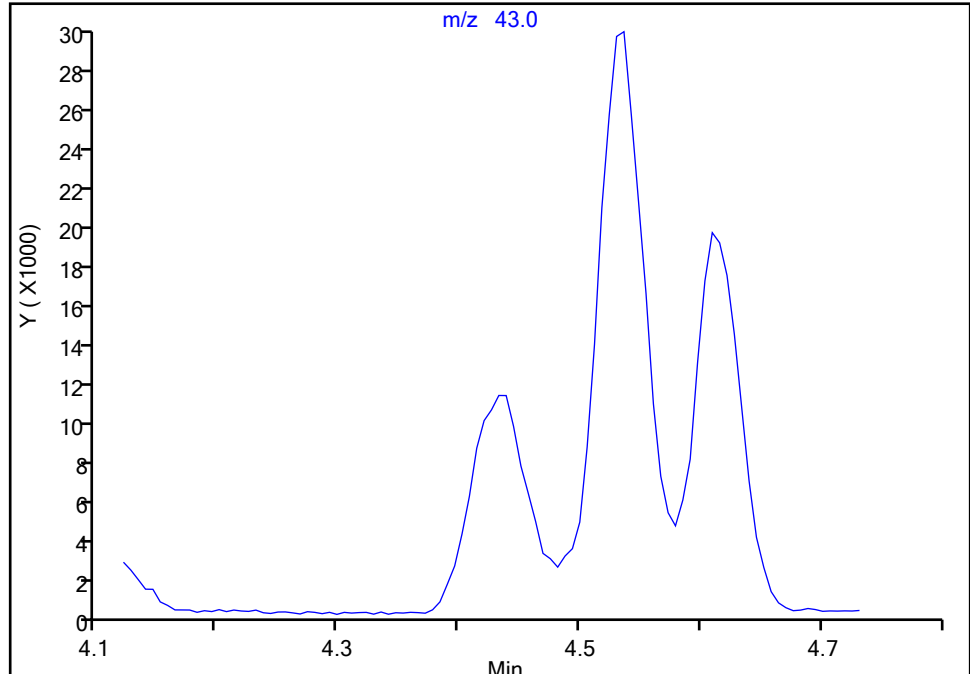
**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

Not Detected

Expected RT: 4.43

## Processing Integration Results



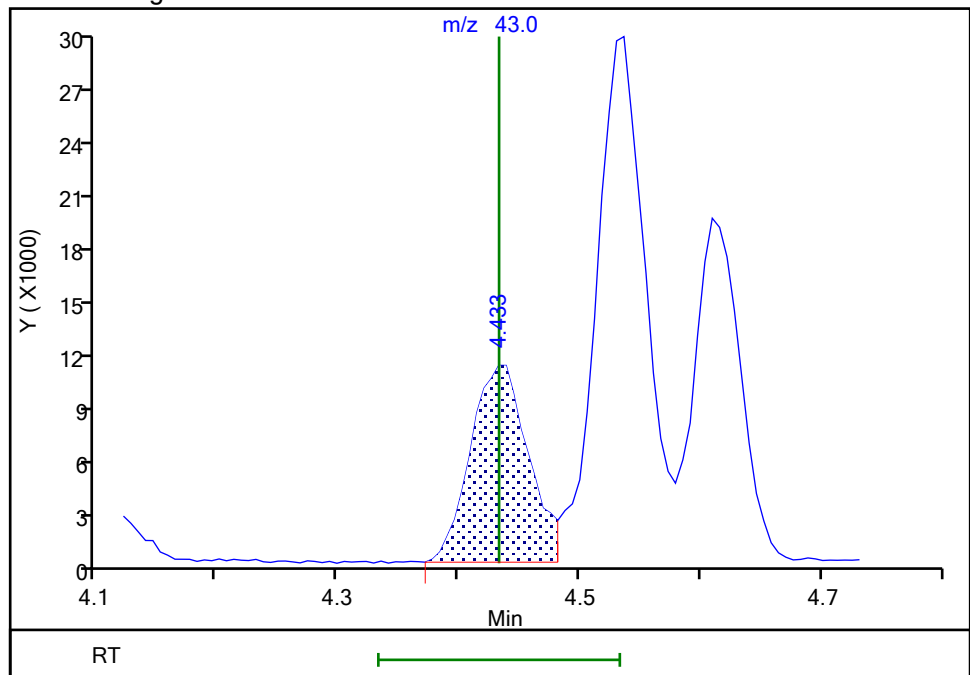
RT: 4.43

Area: 36667

Amount: 131.3321

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:29:08

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

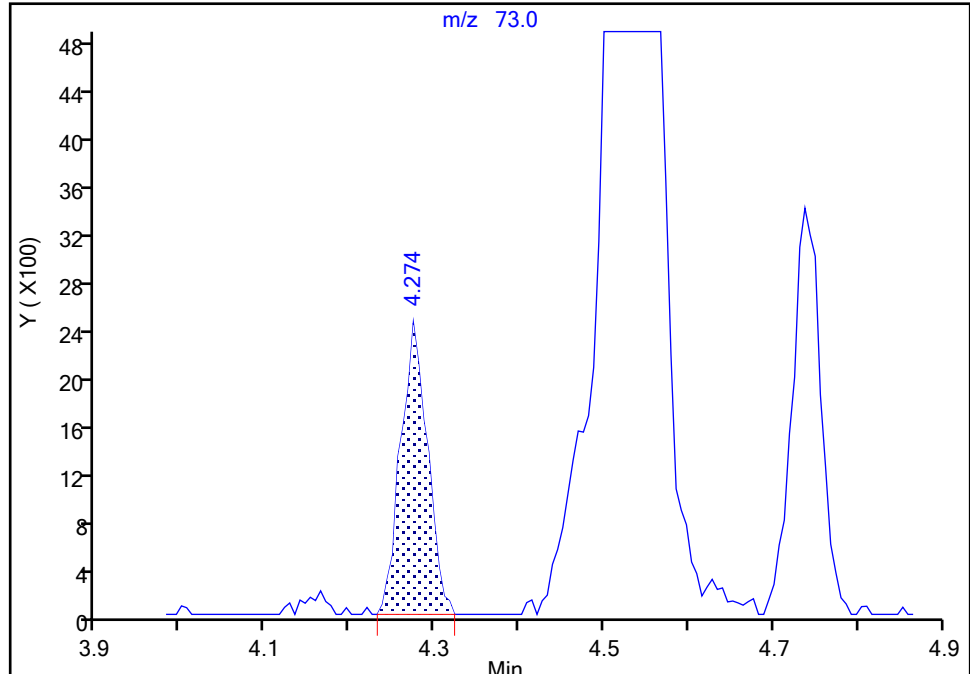
Detector MS Quad

**62 Tert-amyl methyl ether, CAS: 994-05-8**

Signal: 1

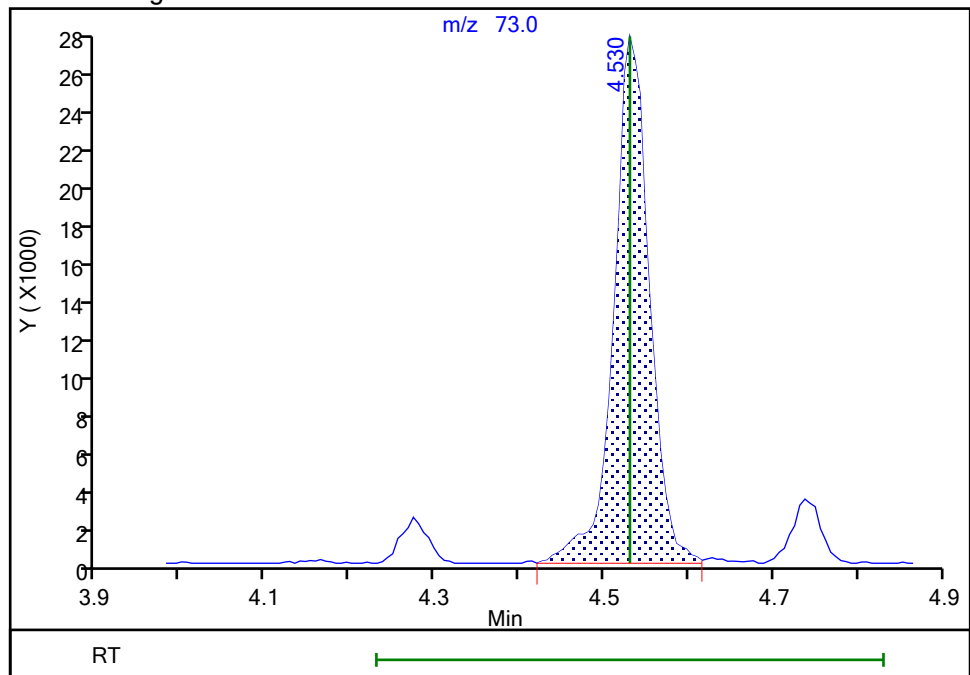
RT: 4.27  
Area: 5287  
Amount: 0.513961  
Amount Units: ug/l

## Processing Integration Results



RT: 4.53  
Area: 80413  
Amount: 5.231302  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:29:15

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

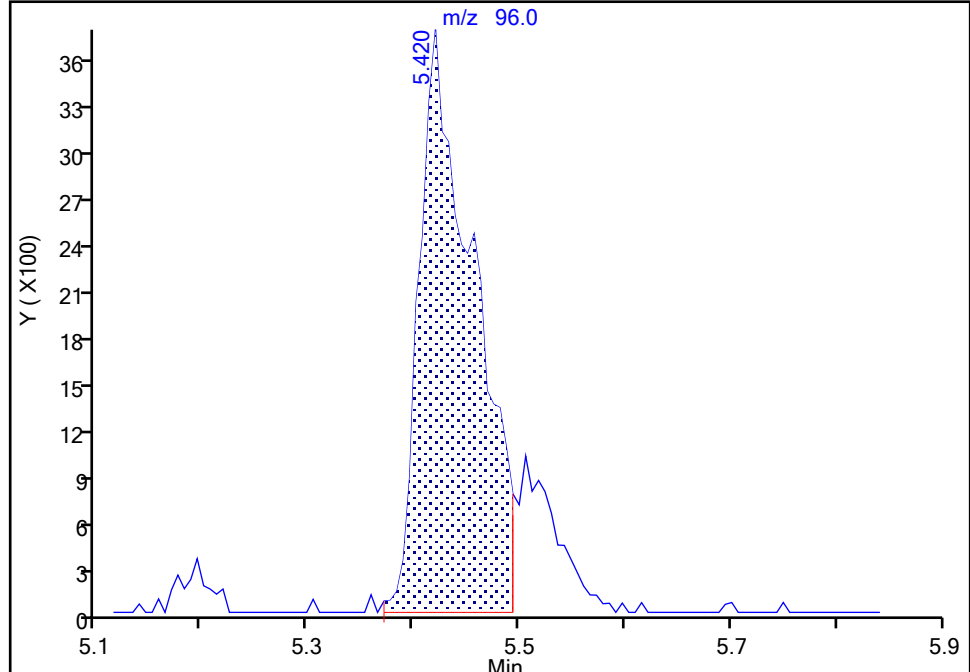
MS Quad

\* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

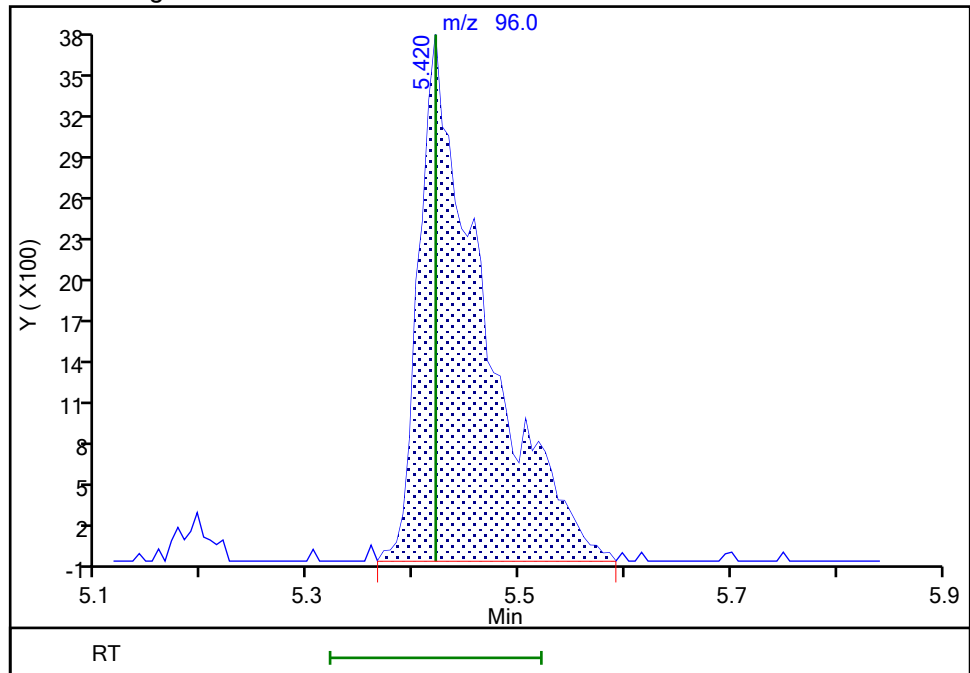
RT: 5.42  
Area: 13514  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.42  
Area: 15995  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: delpolitov, 12-Jan-2022 08:30:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

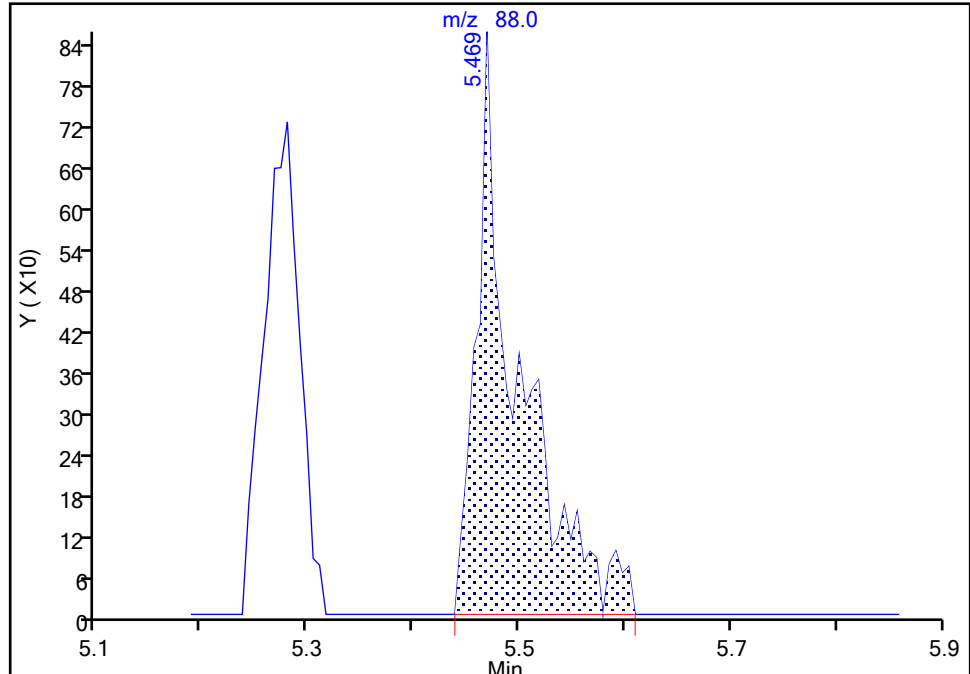
MS Quad

## 75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

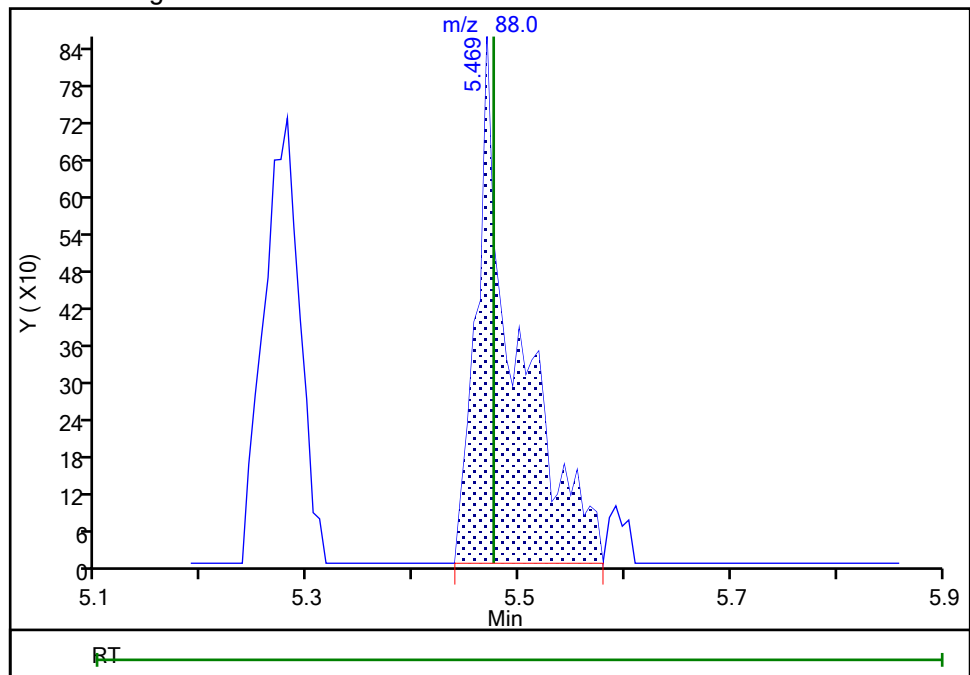
RT: 5.47  
Area: 2319  
Amount: 120.3915  
Amount Units: ug/l

## Processing Integration Results



RT: 5.47  
Area: 2211  
Amount: 114.8300  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:12:09

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49277.D

Injection Date: 12-Jan-2022 00:03:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

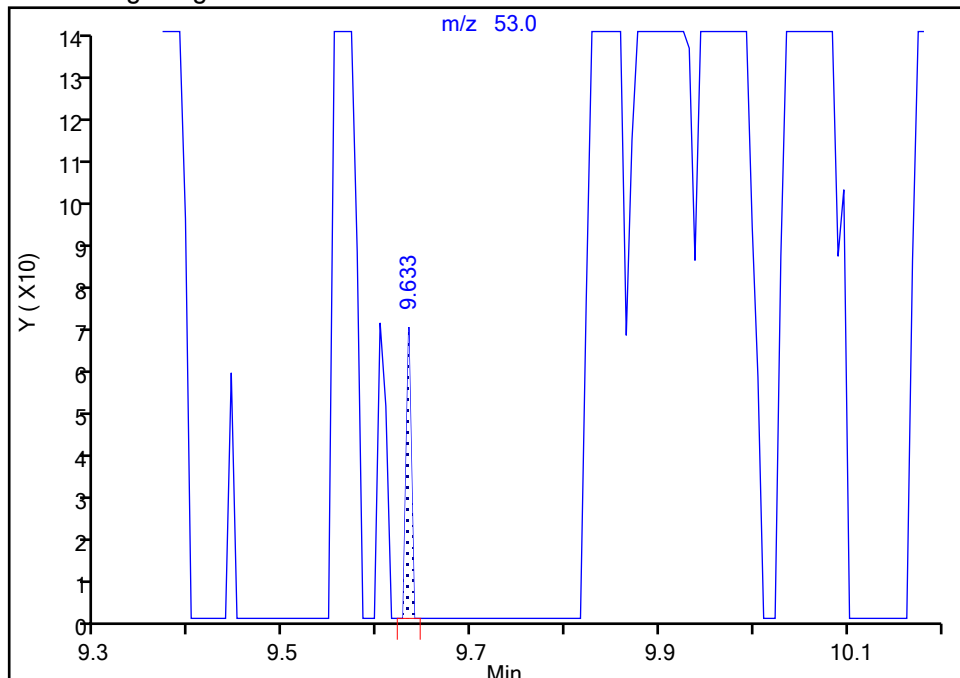
MS Quad

**110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

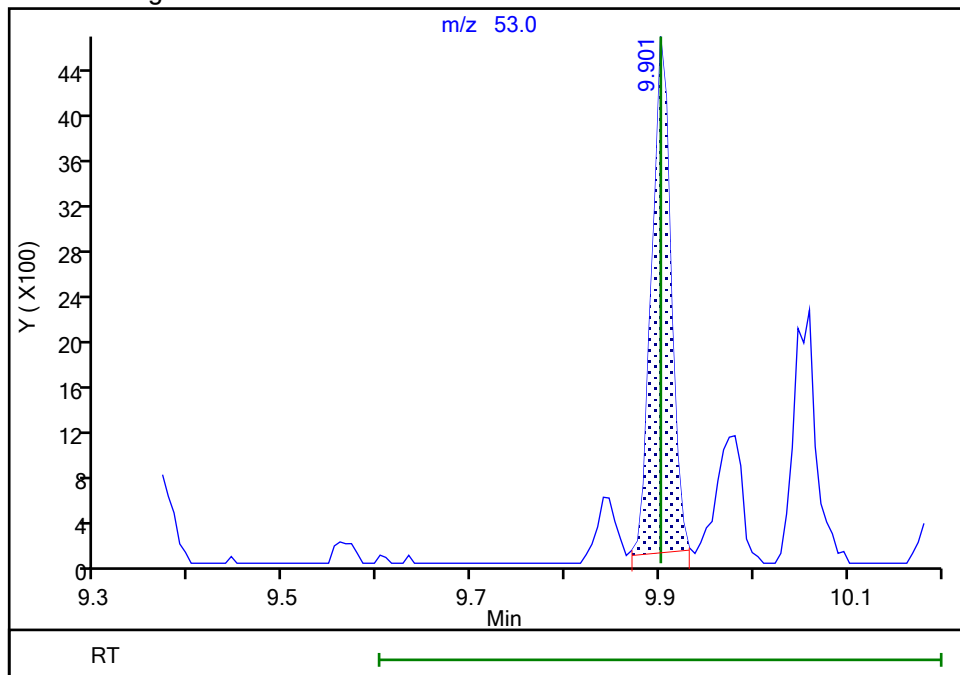
RT: 9.63  
Area: 26  
Amount: 0.032985  
Amount Units: ug/l

## Processing Integration Results



RT: 9.90  
Area: 6426  
Amount: 4.954747  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:29:49

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49278.D  
 Lims ID: STD20  
 Client ID:  
 Sample Type: ICIS Calib Level: 4  
 Inject. Date: 12-Jan-2022 00:24:30 ALS Bottle#: 6 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD20  
 Misc. Info.: 460-0140108-007  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:37:30 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 12-Jan-2022 01:00:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.178	1.178	0.000	0	6495	20.0	15.6	
3 Chlorotrifluoroethene	116	1.251	1.251	0.000	0	32229	20.0	22.2	
2 1,1-Difluoroethane	65	1.269	1.269	0.000	0	61030	20.0	18.6	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	0	137979	20.0	19.5	
5 Chlorodifluoromethane	67	1.299	1.299	0.000	0	24506	20.0	18.7	
6 Chloromethane	50	1.434	1.434	0.000	0	192552	20.0	19.7	
8 Butadiene	54	1.507	1.507	0.000	0	161399	20.0	19.2	
7 Vinyl chloride	62	1.513	1.513	0.000	0	174596	20.0	19.6	
9 Bromomethane	94	1.757	1.757	0.000	0	98635	20.0	20.6	
10 Chloroethane	64	1.805	1.805	0.000	0	96562	20.0	18.9	
11 Dichlorofluoromethane	67	1.970	1.970	0.000	0	242591	20.0	20.0	
13 Pentane	72	1.976	1.976	0.000	0	35377	40.0	43.0	
12 Trichlorofluoromethane	101	1.976	1.976	0.000	0	156397	20.0	20.2	
15 Ethyl ether	74	2.153	2.153	0.000	0	55475	20.0	19.8	
14 Ethanol	46	2.153	2.153	0.000	0	6352	800.0	635.5	
16 2-Methyl-1,3-butadiene	53	2.165	2.165	0.000	0	110568	20.0	20.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.208	2.208	0.000	0	82877	20.0	20.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.257	2.257	0.000	93	155805	20.0	20.5	a
19 Acrolein	56	2.305	2.305	0.000	0	18455	40.6	33.4	
20 112TCTFE	101	2.318	2.318	0.000	0	99193	20.0	21.4	
21 1,1-Dichloroethene	96	2.330	2.330	0.000	0	92455	20.0	19.4	
22 Acetone	43	2.421	2.421	0.000	0	128246	100.0	88.7	
23 Iodomethane	142	2.470	2.470	0.000	0	154473	20.0	20.3	
25 Isopropyl alcohol	45	2.494	2.494	0.000	29	16513	200.0	142.2	a
24 Carbon disulfide	76	2.500	2.500	0.000	0	419247	20.0	19.7	
26 3-Chloro-1-propene	76	2.610	2.610	0.000	0	68622	20.0	20.8	
28 Cyclopentene	67	2.628	2.628	0.000	0	269388	20.0	20.6	
27 Methyl acetate	43	2.635	2.635	0.000	0	181201	40.0	42.8	
29 Acetonitrile	41	2.689	2.696	-0.007	0	117793	200.0	169.9	
30 Methylene Chloride	84	2.732	2.732	0.000	0	120650	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
* 31 TBA-d9 (IS)	66	2.744	2.744	0.000	0	28915	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.793	2.793	0.000	91	61069	200.0	184.2	Ma
33 Methyl tert-butyl ether	73	2.872	2.872	0.000	0	285317	20.0	20.5	
34 trans-1,2-Dichloroethene	96	2.897	2.897	0.000	0	103731	20.0	19.8	
35 Acrylonitrile	53	2.976	2.976	0.000	0	411241	200.0	203.4	
36 Hexane	57	3.037	3.037	0.000	0	162190	20.0	21.4	
37 Isopropyl ether	45	3.232	3.232	0.000	0	457912	20.0	20.6	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	0	217693	20.0	20.1	
39 Vinyl acetate	86	3.262	3.262	0.000	0	30905	40.0	40.6	
40 2-Chloro-1,3-butadiene	88	3.305	3.305	0.000	0	93191	20.0	21.0	
41 Tert-butyl ethyl ether	59	3.525	3.525	0.000	0	352031	20.0	20.5	
* 42 2-Butanone-d5	46	3.701	3.701	0.000	0	323572	250.0	250.0	
43 2,2-Dichloropropane	97	3.726	3.726	0.000	0	34798	20.0	19.8	
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	0	111945	20.0	19.9	
45 2-Butanone (MEK)	72	3.750	3.750	0.000	0	39815	100.0	92.8	
46 Ethyl acetate	70	3.756	3.756	0.000	0	15476	40.0	39.3	
47 Methyl acrylate	55	3.799	3.799	0.000	0	69507	20.0	18.1	
48 Propionitrile	54	3.878	3.878	0.000	0	123169	200.0	210.0	
50 Tetrahydrofuran	72	3.945	3.945	0.000	0	20925	40.0	40.7	
49 Chlorobromomethane	128	3.957	3.957	0.000	0	49021	20.0	20.0	
51 Methacrylonitrile	67	3.970	3.970	0.000	0	336925	200.0	197.4	
52 Chloroform	83	4.006	4.006	0.000	0	180120	20.0	20.2	
53 Cyclohexane	84	4.116	4.116	0.000	0	154238	20.0	20.7	
54 1,1,1-Trichloroethane	97	4.134	4.134	0.000	0	148405	20.0	20.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.153	4.153	0.000	0	144296	50.0	52.7	
56 Carbon tetrachloride	117	4.250	4.250	0.000	0	117496	20.0	20.0	
57 1,1-Dichloropropene	75	4.274	4.274	0.000	0	133645	20.0	19.1	
59 Isooctane	57	4.433	4.433	0.000	0	422828	20.0	21.4	
58 Isobutyl alcohol	43	4.433	4.433	0.000	0	133582	500.0	503.7	
60 Benzene	78	4.463	4.463	0.000	0	391553	20.0	19.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	183820	50.0	50.8	
62 Tert-amyl methyl ether	73	4.531	4.531	0.000	0	317023	20.0	20.7	
63 Isopropyl acetate	61	4.537	4.537	0.000	0	49966	20.0	19.7	
64 1,2-Dichloroethane	62	4.549	4.549	0.000	0	123907	20.0	18.6	
65 n-Heptane	100	4.616	4.616	0.000	0	23744	20.0	21.1	
* 66 Fluorobenzene	96	4.738	4.738	0.000	0	559173	50.0	50.0	
67 n-Butanol	56	5.055	5.055	0.000	0	23548	500.0	471.0	
68 Trichloroethene	95	5.073	5.073	0.000	0	85496	20.0	18.1	
69 Methylcyclohexane	83	5.189	5.189	0.000	0	175901	20.0	21.0	
70 Ethyl acrylate	99	5.195	5.195	0.000	0	11168	20.0	17.2	
71 1,2-Dichloropropane	63	5.354	5.354	0.000	0	104589	20.0	19.1	
* 72 1,4-Dioxane-d8	96	5.421	5.421	0.000	0	14818	1000.0	1000.0	
73 Methyl methacrylate	100	5.439	5.439	0.000	0	31844	40.0	38.3	
75 1,4-Dioxane	88	5.475	5.475	0.000	0	6843	400.0	390.6	
74 Dibromomethane	93	5.475	5.475	0.000	0	50229	20.0	18.6	
76 n-Propyl acetate	43	5.494	5.494	0.000	0	116576	20.0	19.0	
77 Dichlorobromomethane	83	5.628	5.628	0.000	0	111031	20.0	18.3	
78 2-Nitropropane	41	5.957	5.957	0.000	0	36291	40.0	30.3	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	0	46502	20.0	18.4	
80 Epichlorohydrin	57	6.061	6.061	0.000	0	147454	400.0	421.7	
81 cis-1,3-Dichloropropene	75	6.109	6.109	0.000	0	131736	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	175139	100.0	106.2	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	486405	50.0	51.2	
84 Toluene	91	6.420	6.420	0.000	0	351751	20.0	18.6	
85 trans-1,3-Dichloropropene	75	6.768	6.768	0.000	0	106997	20.0	18.4	
86 Ethyl methacrylate	69	6.817	6.817	0.000	0	97631	20.0	19.5	
87 1,1,2-Trichloroethane	83	6.975	6.975	0.000	0	58768	20.0	19.0	
88 Tetrachloroethene	166	7.006	7.006	0.000	0	71720	20.0	18.9	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	115953	20.0	18.8	
90 2-Hexanone	43	7.262	7.262	0.000	0	267551	100.0	102.0	
91 n-Butyl acetate	43	7.378	7.378	0.000	0	144692	20.0	19.3	
92 Chlorodibromomethane	129	7.402	7.402	0.000	0	62834	20.0	18.9	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	58472	20.0	19.2	
* 94 Chlorobenzene-d5	117	8.085	8.085	0.000	0	351927	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	0	204029	20.0	19.0	
96 Ethylbenzene	106	8.231	8.231	0.000	0	117305	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	0	84854	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.390	8.390	0.000	0	144579	20.0	19.8	
99 o-Xylene	106	8.908	8.908	0.000	0	152421	20.0	20.1	
100 n-Butyl acrylate	73	8.926	8.926	0.000	0	61215	20.0	20.0	
101 Styrene	104	8.950	8.950	0.000	0	228954	20.0	21.0	
102 Bromoform	173	9.206	9.206	0.000	0	39353	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	188814	20.0	13.5	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	431523	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.597	9.597	0.000	0	125243	50.0	51.8	
106 Bromobenzene	156	9.743	9.743	0.000	0	81662	20.0	18.0	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	99797	20.0	18.7	
108 N-Propylbenzene	91	9.847	9.847	0.000	0	526441	20.0	19.2	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	0	24304	20.0	18.8	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	82	25246	20.0	18.6	a
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	353533	20.0	19.0	
112 4-Ethyltoluene	105	9.981	9.981	0.000	0	403878	20.0	20.1	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	350294	20.0	19.5	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	323396	20.0	19.0	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	116103	20.0	14.5	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	244171	20.0	13.5	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	358738	20.0	19.6	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	455705	20.0	19.1	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	166365	20.0	18.4	
120 4-Isopropyltoluene	119	10.737	10.737	0.000	0	371941	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.792	10.792	0.000	0	191173	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	164314	20.0	18.0	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	0	384838	20.0	19.6	
124 Benzyl chloride	91	10.962	10.962	0.000	0	164844	20.0	19.0	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	341660	20.0	19.5	
126 p-Diethylbenzene	119	11.090	11.090	0.000	0	198077	20.0	19.2	
127 n-Butylbenzene	92	11.115	11.115	0.000	0	229435	20.0	19.7	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	170516	20.0	18.5	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	333691	20.0	18.7	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	16639	20.0	18.6	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	147004	20.0	18.6	
132 1,2,4-Trichlorobenzene	180	12.474	12.474	0.000	0	136218	20.0	17.9	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	48252	20.0	16.8	
134 Naphthalene	128	12.663	12.663	0.000	0	308529	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
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	127172	20.0	18.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 137 Xylenes, Total	100				0		40.0	39.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.2	
S 140 Total BTEX	1				0		100.0	97.1	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

8260MIX1COMB\_00149

Amount Added: 20.00

Units: uL

524freon\_00047

Amount Added: 20.00

Units: uL

ACROLEIN W\_00135

Amount Added: 4.00

Units: uL

GASES Li\_00458

Amount Added: 20.00

Units: uL

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49278.D

Injection Date: 12-Jan-2022 00:24:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#:

7

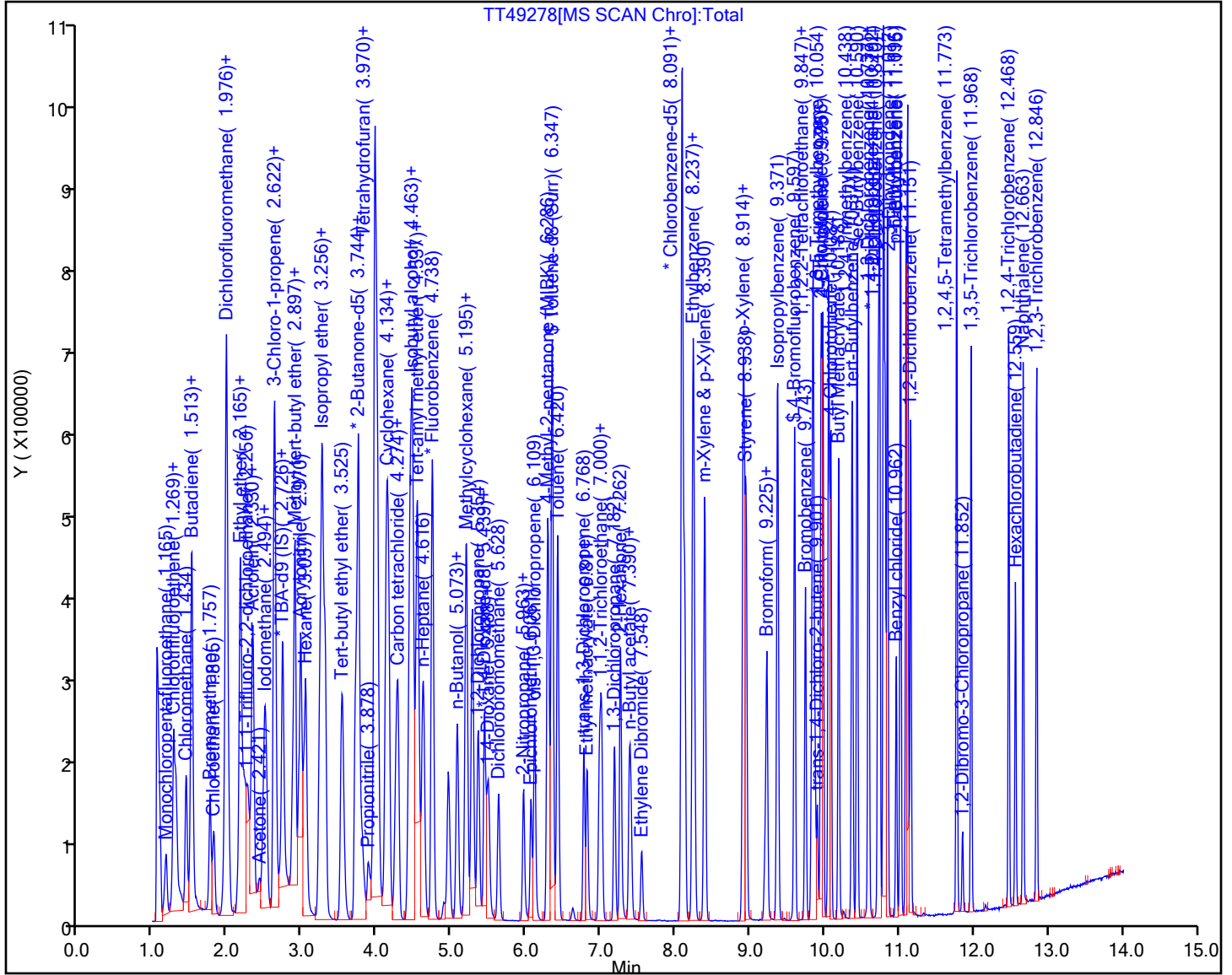
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49278.D

Injection Date: 12-Jan-2022 00:24:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

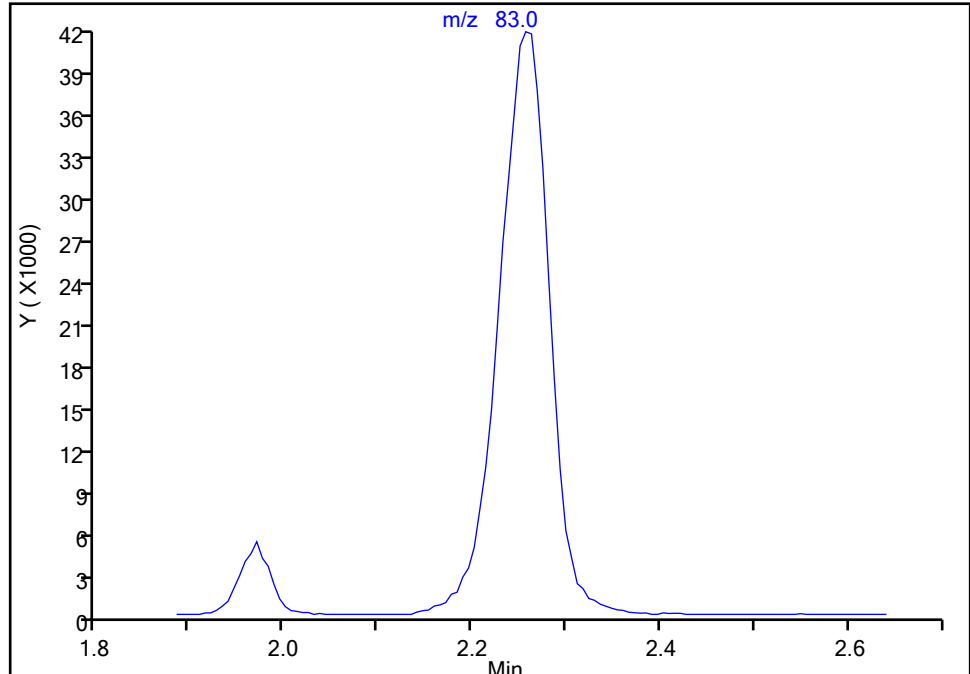
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

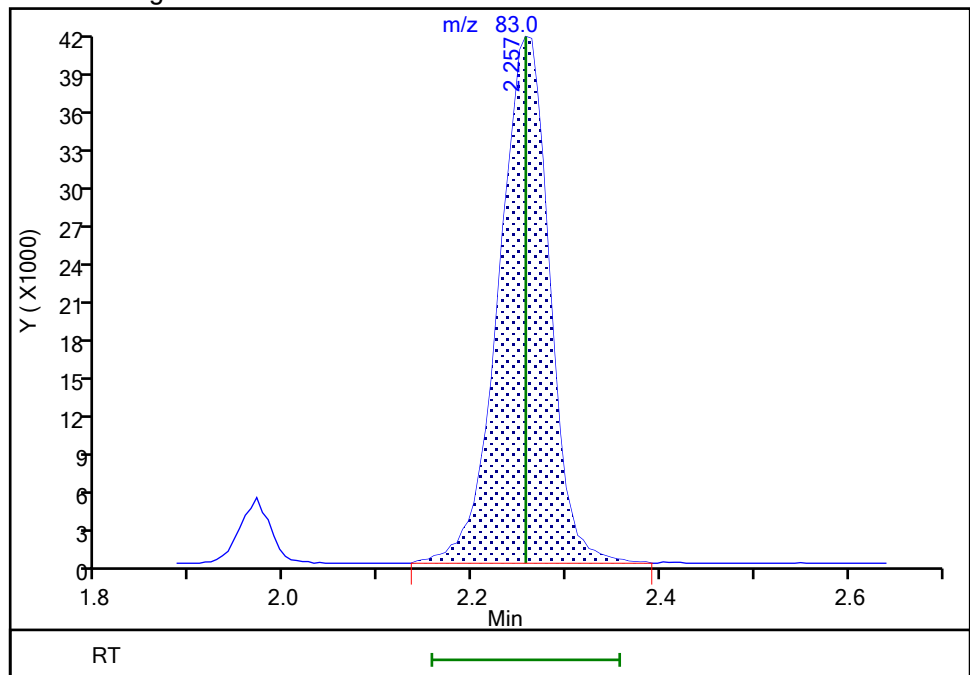
Expected RT: 2.26

## Processing Integration Results



RT: 2.26  
Area: 155805  
Amount: 20.513422  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:50:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49278.D

Injection Date: 12-Jan-2022 00:24:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

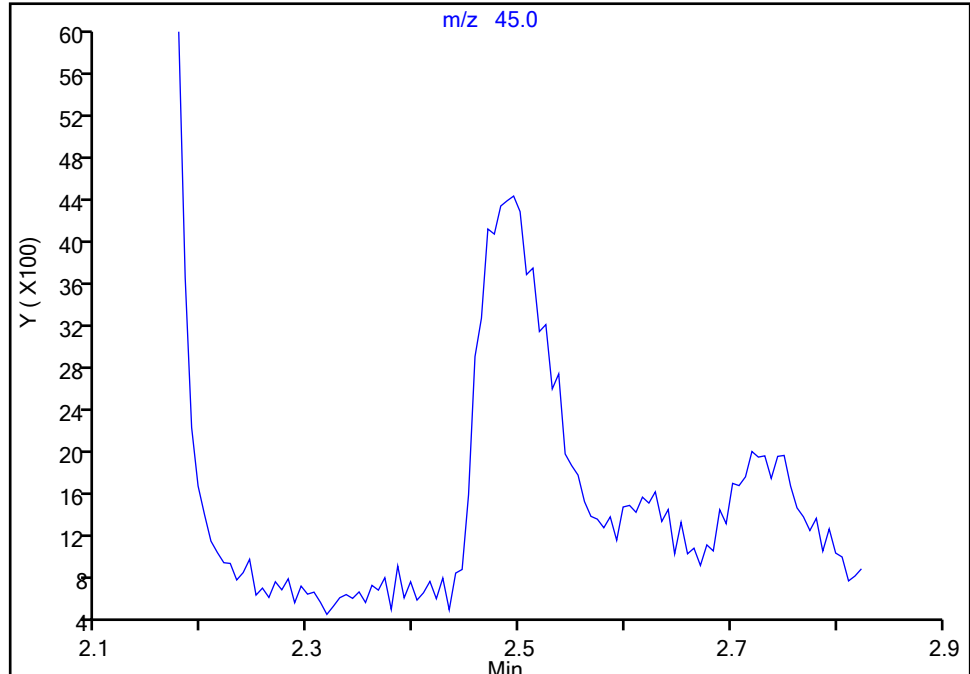
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

Not Detected

Expected RT: 2.49

## Processing Integration Results



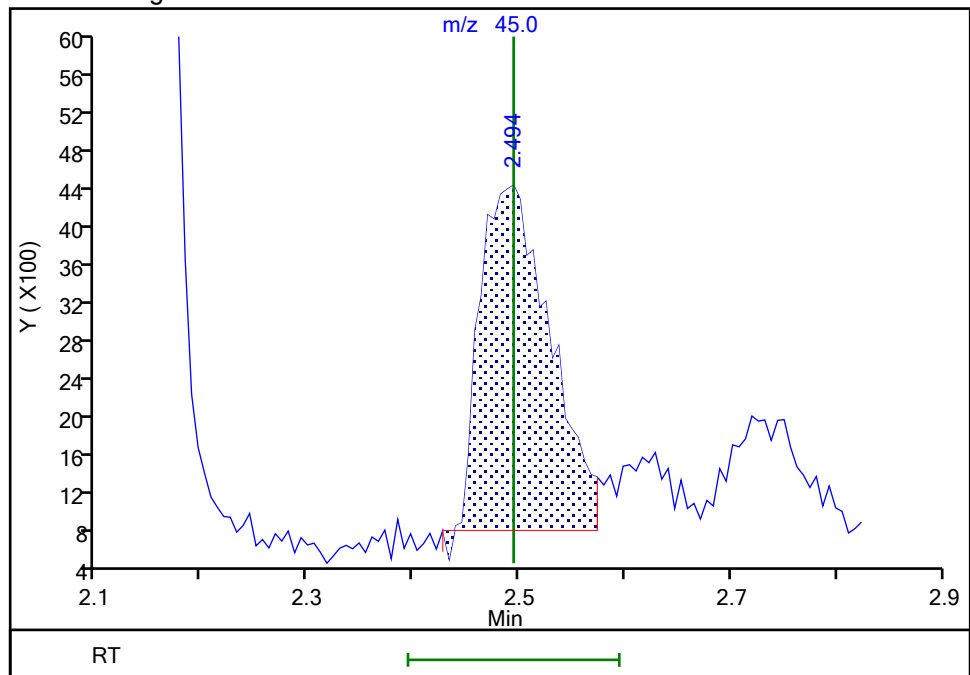
RT: 2.49

Area: 16513

Amount: 142.1507

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:50:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49278.D

Injection Date: 12-Jan-2022 00:24:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

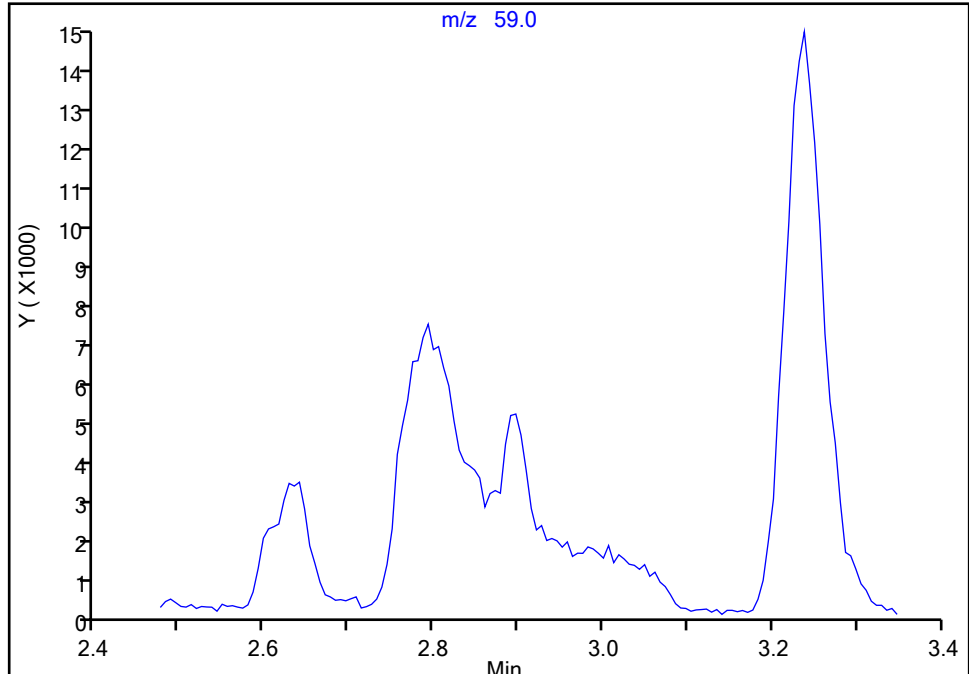
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

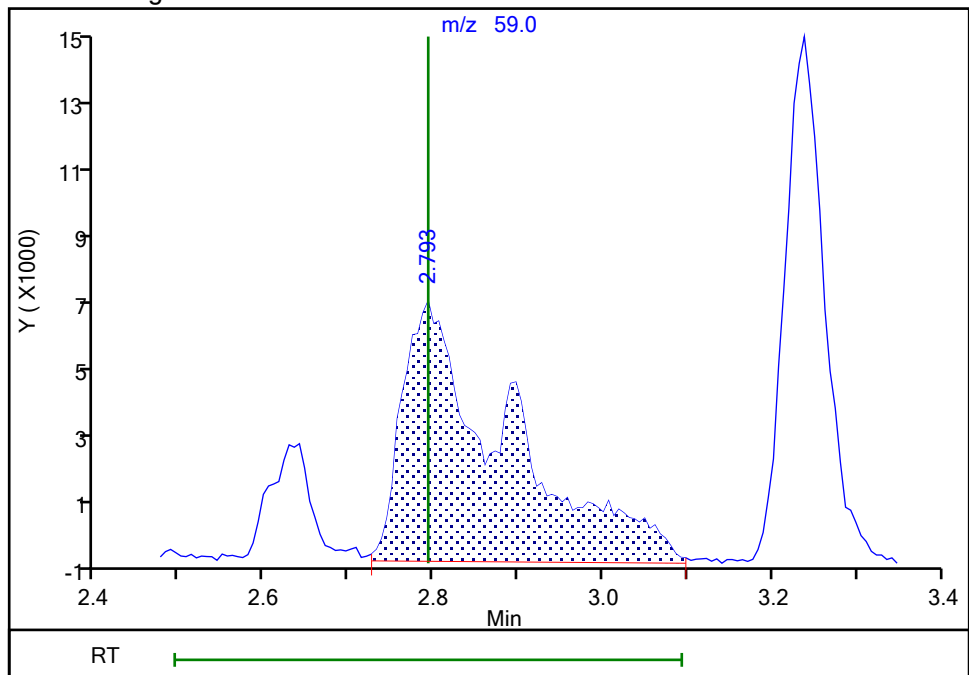
Not Detected

Expected RT: 2.79

## Processing Integration Results



## Manual Integration Results



RT: 2.79

Area: 61069

Amount: 184.1834

Amount Units: ug/l

Reviewer: baronm, 12-Jan-2022 19:04:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49278.D

Injection Date: 12-Jan-2022 00:24:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

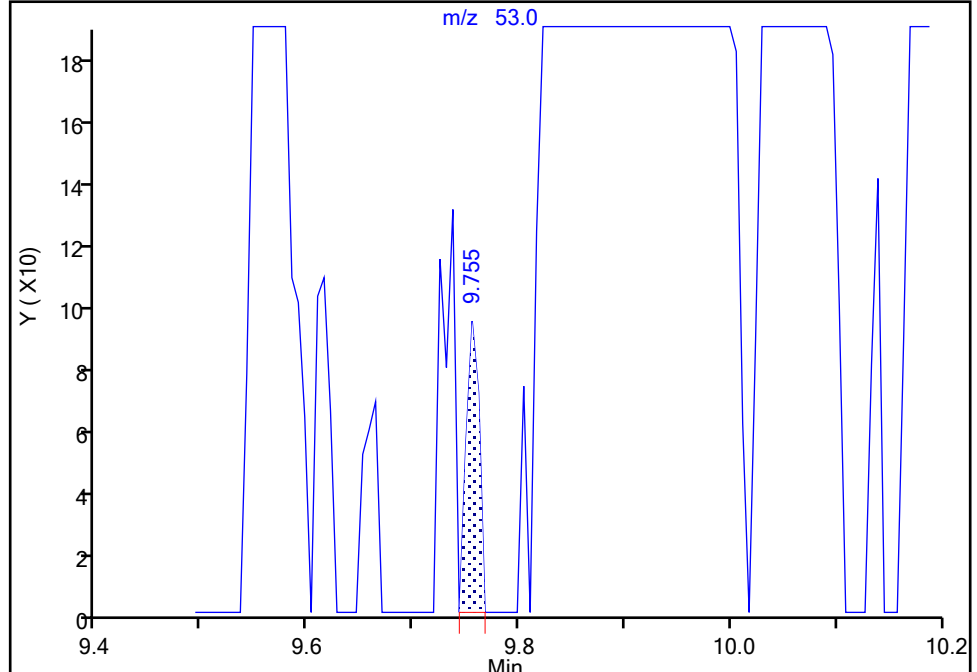
MS Quad

**110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

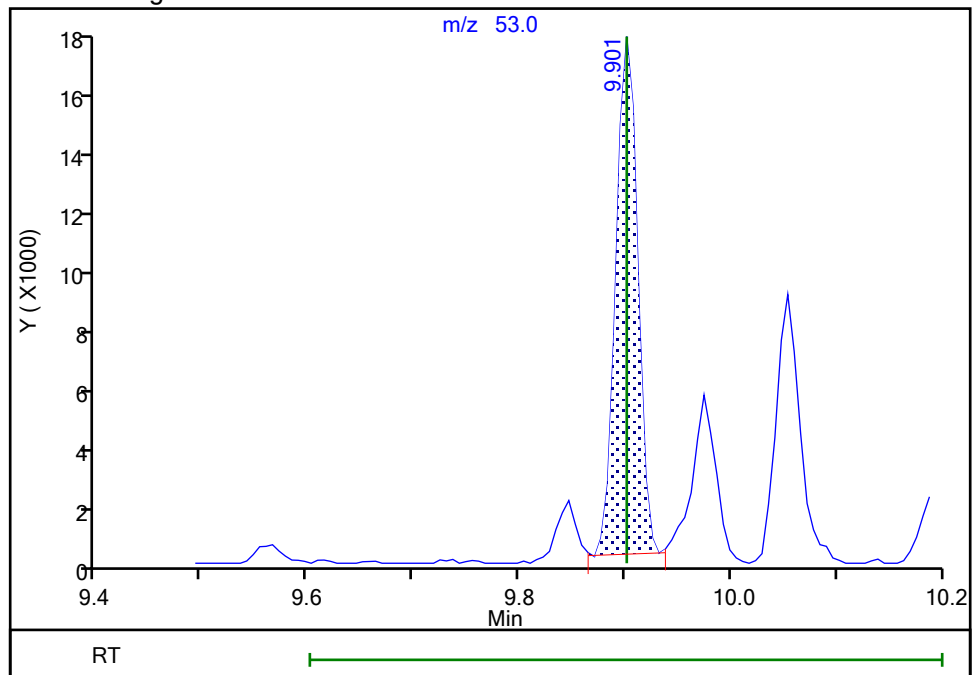
RT: 9.76  
Area: 80  
Amount: 0.083830  
Amount Units: ug/l

## Processing Integration Results



RT: 9.90  
Area: 25246  
Amount: 18.605442  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 00:51:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D  
 Lims ID: STD50  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 12-Jan-2022 00:44:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD50  
 Misc. Info.: 460-0140108-008  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:37:39 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 12-Jan-2022 01:08:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.177	1.178	-0.001	0	17353	50.0	34.2	
3 Chlorotrifluoroethene	116	1.257	1.251	0.006	0	83835	50.0	57.1	
2 1,1-Difluoroethane	65	1.269	1.269	0.000	0	160133	50.0	48.2	
4 Dichlorodifluoromethane	85	1.287	1.293	-0.006	0	362651	50.0	50.6	
5 Chlorodifluoromethane	67	1.299	1.299	0.000	0	62691	50.0	47.2	
6 Chloromethane	50	1.433	1.434	-0.001	0	517643	50.0	52.2	
8 Butadiene	54	1.513	1.507	0.006	0	438403	50.0	51.3	
7 Vinyl chloride	62	1.513	1.513	0.000	0	462598	50.0	51.3	
9 Bromomethane	94	1.756	1.757	-0.001	0	252471	50.0	49.4	
10 Chloroethane	64	1.805	1.805	0.000	0	256059	50.0	46.9	
11 Dichlorofluoromethane	67	1.970	1.970	0.000	0	628383	50.0	51.1	
13 Pentane	72	1.976	1.976	0.000	0	88430	100.0	106.2	
12 Trichlorofluoromethane	101	1.982	1.976	0.006	0	415253	50.0	53.0	
15 Ethyl ether	74	2.147	2.153	-0.006	0	141456	50.0	49.8	
14 Ethanol	46	2.153	2.153	0.000	76	21946	2000.0	1816.2	M
16 2-Methyl-1,3-butadiene	53	2.165	2.165	0.000	0	283813	50.0	51.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.208	2.208	0.000	0	215076	50.0	52.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.262	2.257	0.005	91	398769	50.0	51.8	a
19 Acrolein	56	2.311	2.305	0.006	0	56948	101.4	101.8	
20 112TCTFE	101	2.317	2.318	-0.001	0	248877	50.0	53.0	
21 1,1-Dichloroethene	96	2.336	2.330	0.006	0	238326	50.0	49.4	
22 Acetone	43	2.421	2.421	0.000	0	382039	250.0	250.0	
23 Iodomethane	142	2.470	2.470	0.000	0	392976	50.0	51.1	
25 Isopropyl alcohol	45	2.494	2.494	0.000	28	67672	500.0	481.9	a
24 Carbon disulfide	76	2.500	2.500	0.000	0	1076171	50.0	49.9	
26 3-Chloro-1-propene	76	2.616	2.610	0.006	0	170422	50.0	51.0	
28 Cyclopentene	67	2.628	2.628	0.000	0	696505	50.0	52.7	
27 Methyl acetate	43	2.634	2.635	-0.001	0	436537	100.0	101.7	
29 Acetonitrile	41	2.701	2.696	0.005	0	356970	500.0	481.9	
30 Methylene Chloride	84	2.732	2.732	0.000	0	296068	50.0	49.6	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.744	2.744	0.000	55	34957	1000.0	1000.0	Ma
32 2-Methyl-2-propanol	59	2.817	2.793	0.024	94	182915	500.0	456.3	Ma
33 Methyl tert-butyl ether	73	2.878	2.872	0.006	0	707092	50.0	50.2	
34 trans-1,2-Dichloroethene	96	2.896	2.897	-0.001	0	261268	50.0	49.2	
35 Acrylonitrile	53	2.970	2.976	-0.006	0	1043476	500.0	509.3	
36 Hexane	57	3.037	3.037	0.000	0	407967	50.0	53.1	
37 Isopropyl ether	45	3.238	3.232	0.006	0	1158172	50.0	51.4	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	0	551514	50.0	50.3	
39 Vinyl acetate	86	3.281	3.262	0.019	0	79024	100.0	97.2	
40 2-Chloro-1,3-butadiene	88	3.305	3.305	0.000	0	235220	50.0	52.3	
41 Tert-butyl ethyl ether	59	3.524	3.525	-0.001	0	898536	50.0	51.7	
* 42 2-Butanone-d5	46	3.713	3.701	0.012	0	345809	250.0	250.0	
43 2,2-Dichloropropane	97	3.732	3.726	0.006	0	89254	50.0	50.0	
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	0	284544	50.0	50.0	
45 2-Butanone (MEK)	72	3.750	3.750	0.000	0	107809	250.0	235.1	
46 Ethyl acetate	70	3.756	3.756	0.000	0	43337	100.0	102.9	
47 Methyl acrylate	55	3.805	3.799	0.006	98	194155	50.0	49.9	a
48 Propionitrile	54	3.890	3.878	0.012	0	338434	500.0	477.4	
50 Tetrahydrofuran	72	3.963	3.945	0.018	0	53353	100.0	97.1	
49 Chlorobromomethane	128	3.957	3.957	0.000	0	124301	50.0	50.2	
51 Methacrylonitrile	67	3.982	3.970	0.012	0	910582	500.0	526.5	
52 Chloroform	83	4.006	4.006	0.000	0	459855	50.0	50.8	
53 Cyclohexane	84	4.122	4.116	0.006	0	387280	50.0	51.4	
54 1,1,1-Trichloroethane	97	4.140	4.134	0.006	0	378852	50.0	51.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.158	4.153	0.005	0	138485	50.0	49.9	
56 Carbon tetrachloride	117	4.250	4.250	0.000	0	305627	50.0	51.3	
57 1,1-Dichloropropene	75	4.274	4.274	0.000	0	360928	50.0	50.9	
59 Isooctane	57	4.439	4.433	0.006	0	1095015	50.0	54.7	
58 Isobutyl alcohol	43	4.433	4.433	0.000	39	385222	1250.0	1201.6	a
60 Benzene	78	4.463	4.463	0.000	0	1040668	50.0	49.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	180768	50.0	49.3	
62 Tert-amyl methyl ether	73	4.530	4.531	-0.001	0	819088	50.0	52.7	
63 Isopropyl acetate	61	4.549	4.537	0.012	0	132281	50.0	51.6	
64 1,2-Dichloroethane	62	4.555	4.549	0.006	0	325559	50.0	48.4	
65 n-Heptane	100	4.616	4.616	0.000	0	60230	50.0	52.9	
* 66 Fluorobenzene	96	4.744	4.738	0.006	0	566583	50.0	50.0	
67 n-Butanol	56	5.049	5.055	-0.007	0	76318	1250.0	1262.5	
68 Trichloroethene	95	5.073	5.073	0.000	0	240115	50.0	50.2	
69 Methylcyclohexane	83	5.189	5.189	0.000	0	450142	50.0	53.1	
70 Ethyl acrylate	99	5.195	5.195	0.000	0	30401	50.0	46.7	
71 1,2-Dichloropropane	63	5.353	5.354	-0.001	0	285228	50.0	51.3	
* 72 1,4-Dioxane-d8	96	5.414	5.421	-0.007	0	17751	1000.0	1000.0	
73 Methyl methacrylate	100	5.439	5.439	0.000	0	88529	100.0	105.2	
75 1,4-Dioxane	88	5.481	5.475	0.006	0	20204	1000.0	1003.1	
74 Dibromomethane	93	5.475	5.475	0.000	0	137480	50.0	50.2	
76 n-Propyl acetate	43	5.500	5.494	0.006	0	328502	50.0	52.7	
77 Dichlorobromomethane	83	5.628	5.628	0.000	0	313323	50.0	50.9	
78 2-Nitropropane	41	5.957	5.957	0.000	0	104663	100.0	86.2	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	0	132891	50.1	51.9	
80 Epichlorohydrin	57	6.061	6.061	-0.001	0	404216	1000.0	1081.6	
81 cis-1,3-Dichloropropene	75	6.109	6.109	0.000	0	377362	50.0	51.9	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	490711	250.0	278.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	500891	50.0	51.0	
84 Toluene	91	6.420	6.420	0.000	0	971886	50.0	49.6	
85 trans-1,3-Dichloropropene	75	6.774	6.768	0.006	0	304724	50.0	50.8	
86 Ethyl methacrylate	69	6.816	6.817	-0.001	0	276365	50.0	53.3	
87 1,1,2-Trichloroethane	83	6.981	6.975	0.006	0	160313	50.0	50.1	
88 Tetrachloroethene	166	7.005	7.006	-0.001	0	198418	50.0	50.5	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	317050	50.0	49.7	
90 2-Hexanone	43	7.261	7.262	-0.001	0	764876	250.0	272.7	
91 n-Butyl acetate	43	7.383	7.378	0.005	0	403787	50.0	52.1	
92 Chlorodibromomethane	129	7.402	7.402	0.000	0	178145	50.0	51.8	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	157628	50.0	50.1	
* 94 Chlorobenzene-d5	117	8.084	8.085	-0.001	0	363914	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	0	557543	50.0	50.3	
96 Ethylbenzene	106	8.231	8.231	0.000	0	322018	50.0	51.6	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	0	232787	50.0	51.6	
98 m-Xylene & p-Xylene	106	8.389	8.390	-0.001	0	388773	50.0	51.5	
99 o-Xylene	106	8.908	8.908	0.000	0	418566	50.0	53.3	
100 n-Butyl acrylate	73	8.926	8.926	0.000	0	175598	50.0	55.6	
101 Styrene	104	8.944	8.950	-0.006	0	621327	50.0	55.0	
102 Bromoform	173	9.200	9.206	-0.006	0	105399	50.0	51.6	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	554732	50.0	43.5	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	1168642	50.0	55.1	
\$ 105 4-Bromofluorobenzene	174	9.596	9.597	-0.001	0	119964	50.0	47.9	
106 Bromobenzene	156	9.743	9.743	0.000	0	212663	50.0	51.0	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	258509	50.0	52.7	
108 N-Propylbenzene	91	9.846	9.847	-0.001	0	1409423	50.0	55.9	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	0	62606	50.0	52.5	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	82	66039	50.0	52.8	a
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	919199	50.0	53.8	
112 4-Ethyltoluene	105	9.974	9.981	-0.007	0	1046442	50.0	56.5	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	936162	50.0	56.6	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	830042	50.0	53.0	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	315152	50.0	43.1	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	725079	50.0	43.8	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	944377	50.0	55.9	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	1254226	50.0	57.0	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	424890	50.0	50.9	
120 4-Isopropyltoluene	119	10.736	10.737	-0.001	0	998443	50.0	56.6	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.792	-0.001	0	176049	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	412958	50.0	49.1	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	0	996691	50.0	55.2	
124 Benzyl chloride	91	10.962	10.962	0.000	0	439390	50.0	54.9	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	885680	50.0	54.9	
126 p-Diethylbenzene	119	11.090	11.090	0.000	0	515057	50.0	54.3	
127 n-Butylbenzene	92	11.114	11.115	-0.001	0	582567	50.0	54.3	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	416505	50.0	49.1	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	945332	50.0	57.5	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	43852	50.0	53.4	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	379036	50.0	52.2	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	0	353662	50.0	50.4	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	138908	50.0	52.5	
134 Naphthalene	128	12.663	12.663	0.000	0	818299	50.0	53.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	327296	50.0	51.0	
S 136 1,2-Dichloroethene, Total	100				0		100.0	99.2	
S 137 Xylenes, Total	100				0		100.0	104.9	
S 139 1,3-Dichloropropene, Total	1				0		100.0	102.7	
S 140 Total BTEX	1				0		250.0	255.4	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB_00149	Amount Added: 50.00	Units: uL	
524freon_00047	Amount Added: 50.00	Units: uL	
ACROLEIN W_00135	Amount Added: 10.00	Units: uL	
GASES Li_00458	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

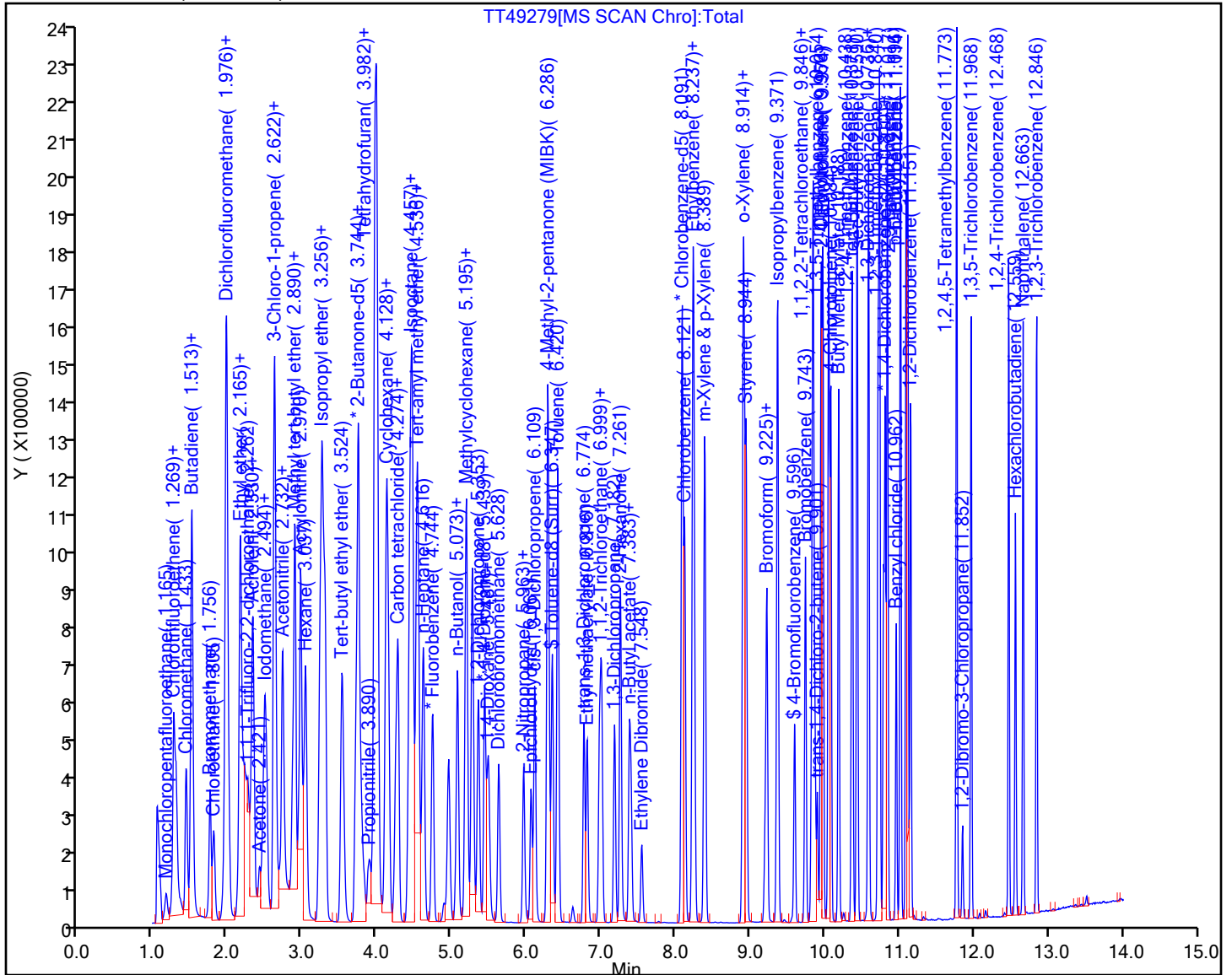
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

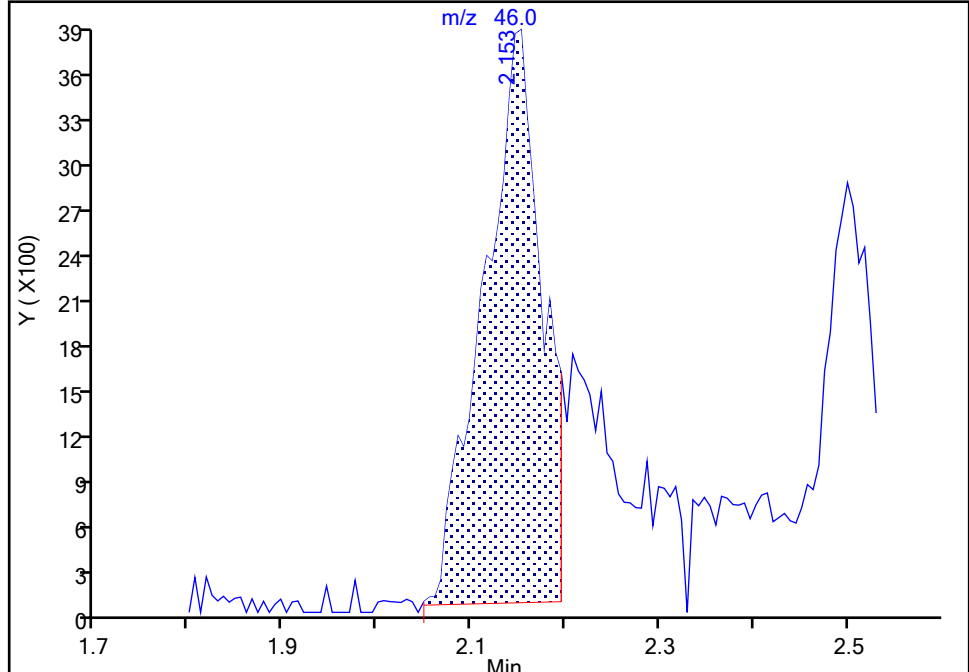
Detector: MS Quad

**14 Ethanol, CAS: 64-17-5**

Signal: 1

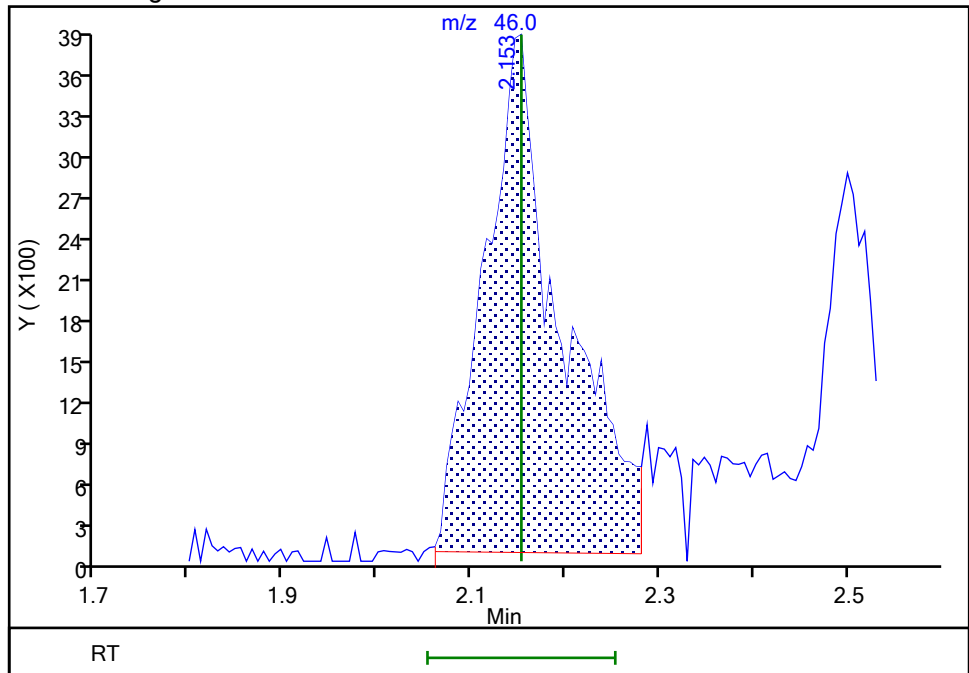
RT: 2.15  
Area: 16477  
Amount: 1417.0696  
Amount Units: ug/l

## Processing Integration Results



RT: 2.15  
Area: 21946  
Amount: 1816.2308  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 18:27:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

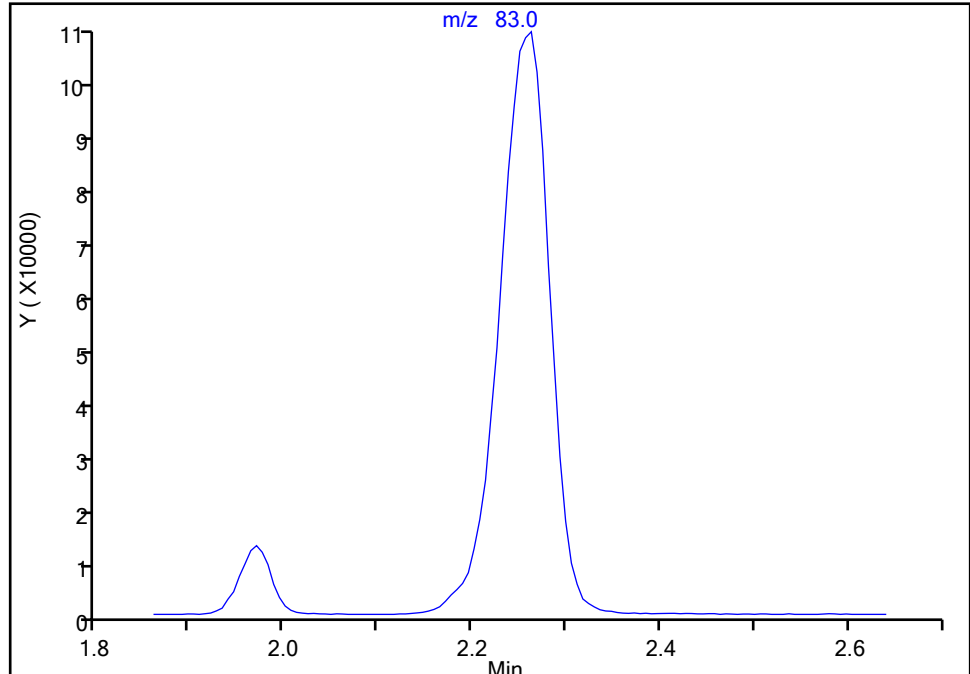
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

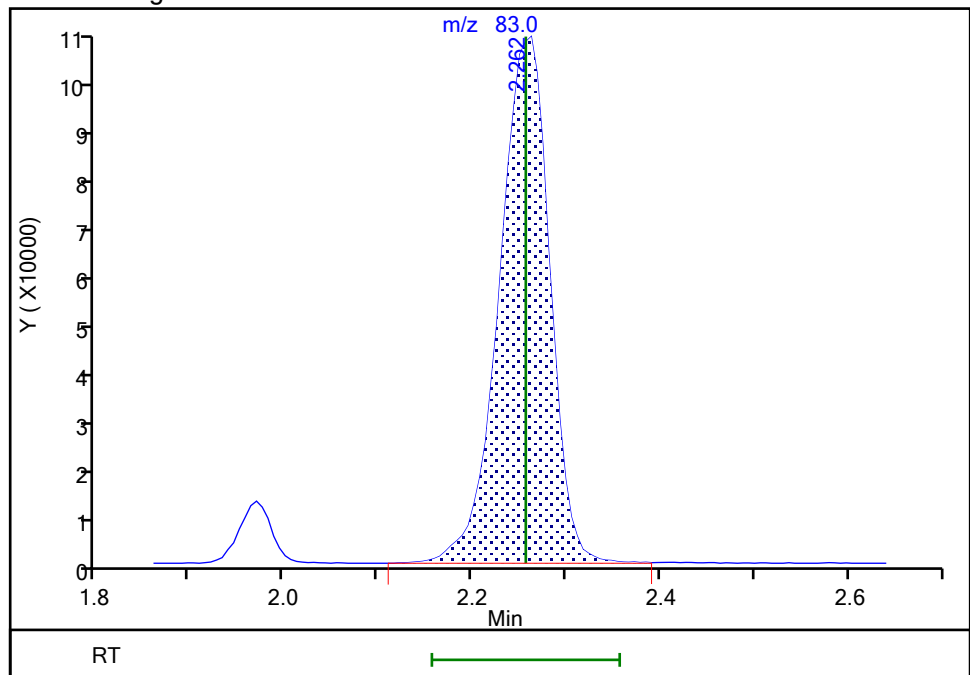
Not Detected

Expected RT: 2.26

## Processing Integration Results



## Manual Integration Results



RT: 2.26  
Area: 398769  
Amount: 51.815628  
Amount Units: ug/l

Reviewer: boykink, 12-Jan-2022 01:05:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

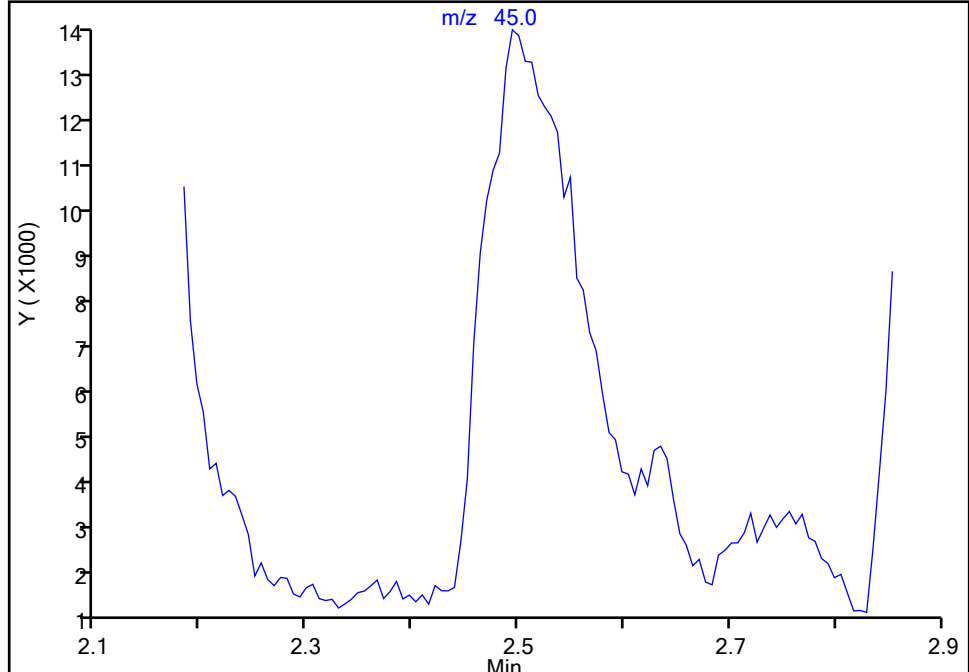
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

Not Detected

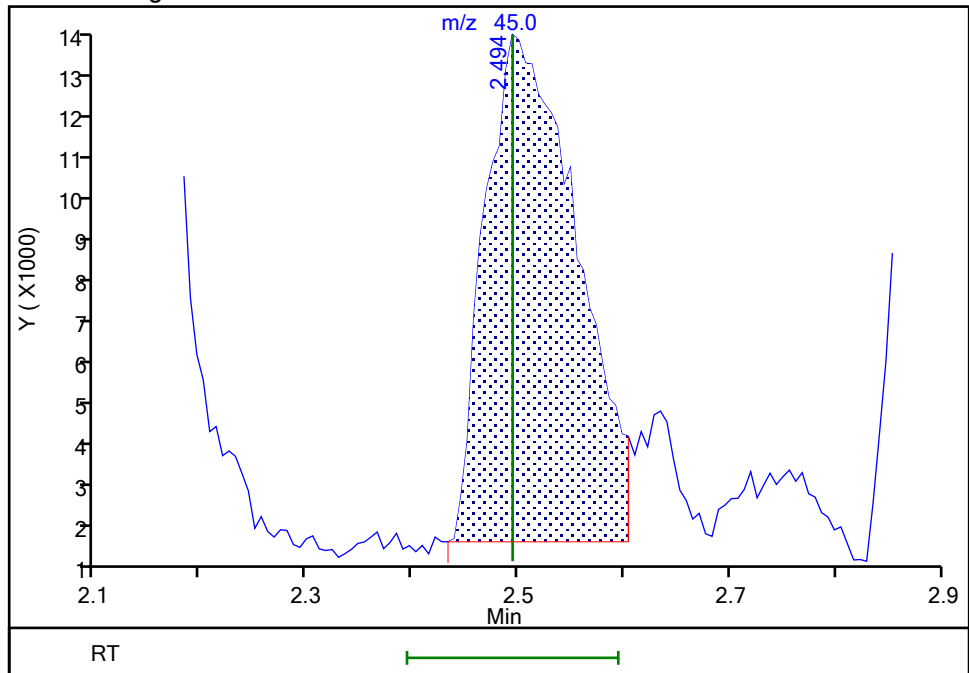
Expected RT: 2.49

## Processing Integration Results



RT: 2.49  
Area: 67672  
Amount: 481.8601  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:05:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

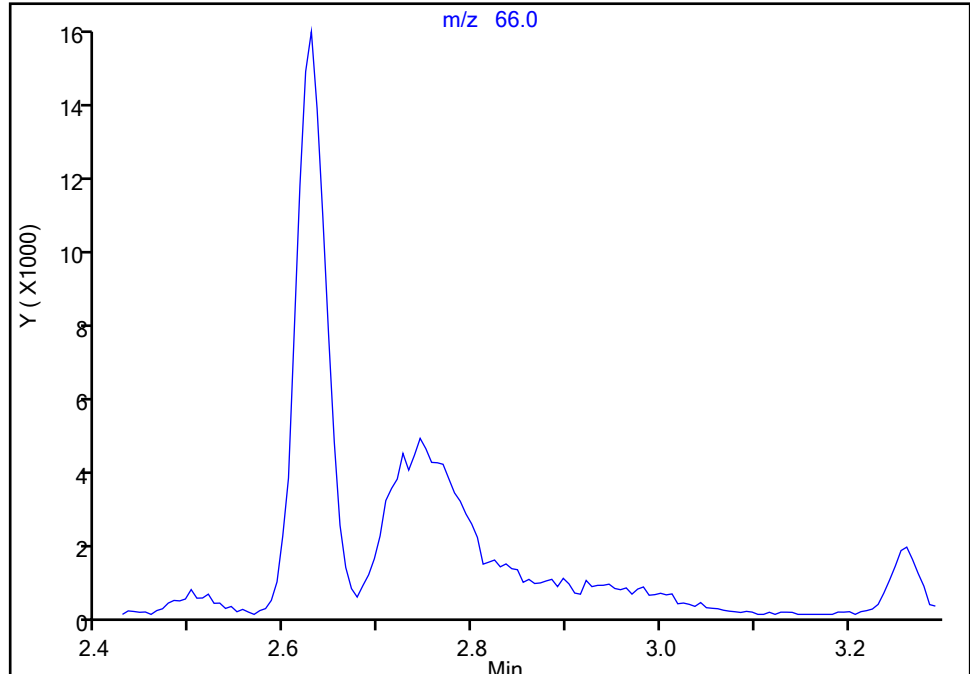
\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

Not Detected

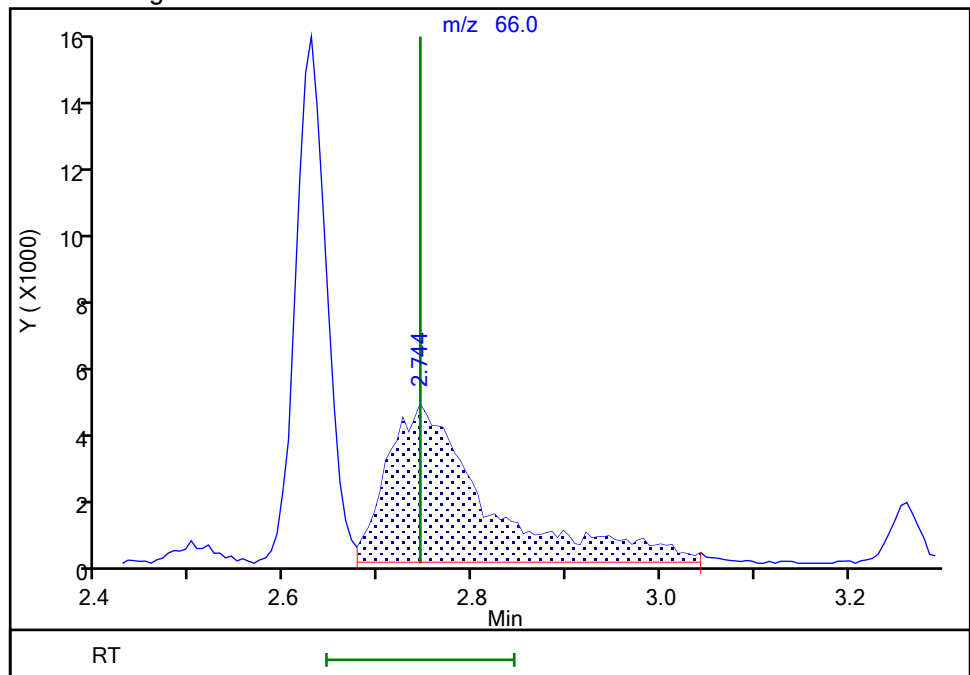
Expected RT: 2.74

## Processing Integration Results



RT: 2.74  
Area: 34957  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: delpolitov, 12-Jan-2022 08:27:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

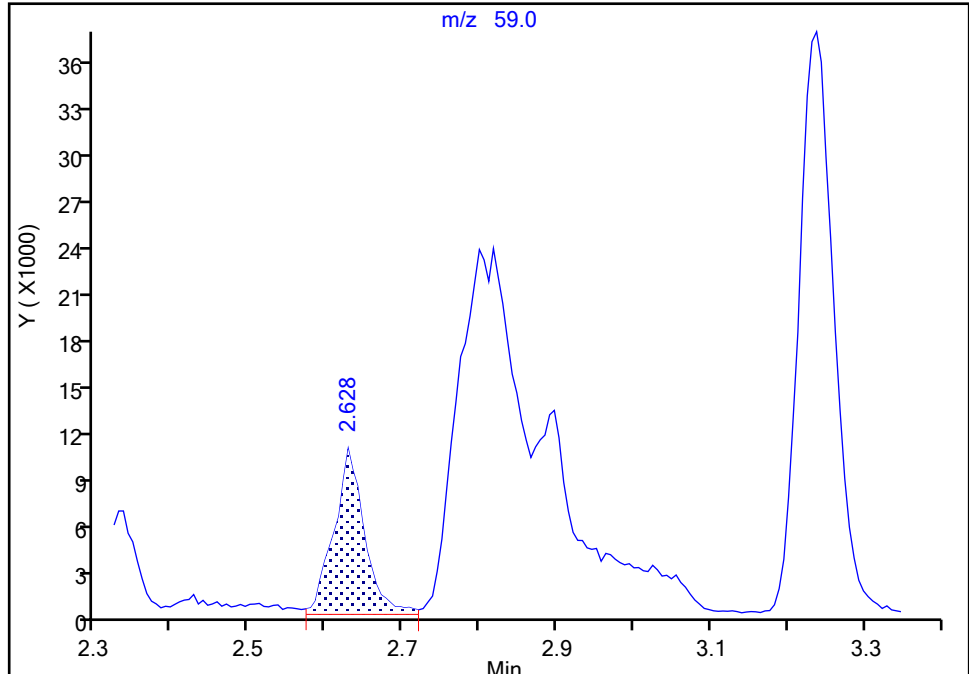
Detector: MS Quad

**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

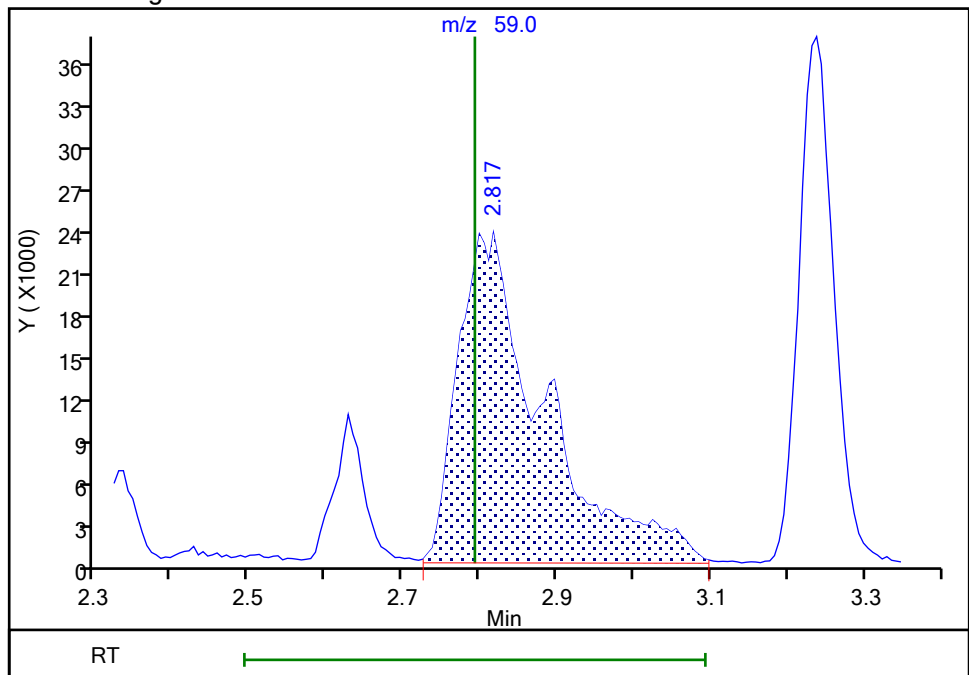
RT: 2.63  
Area: 29623  
Amount: 115.0362  
Amount Units: ug/l

## Processing Integration Results



RT: 2.82  
Area: 182915  
Amount: 456.3185  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:05:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

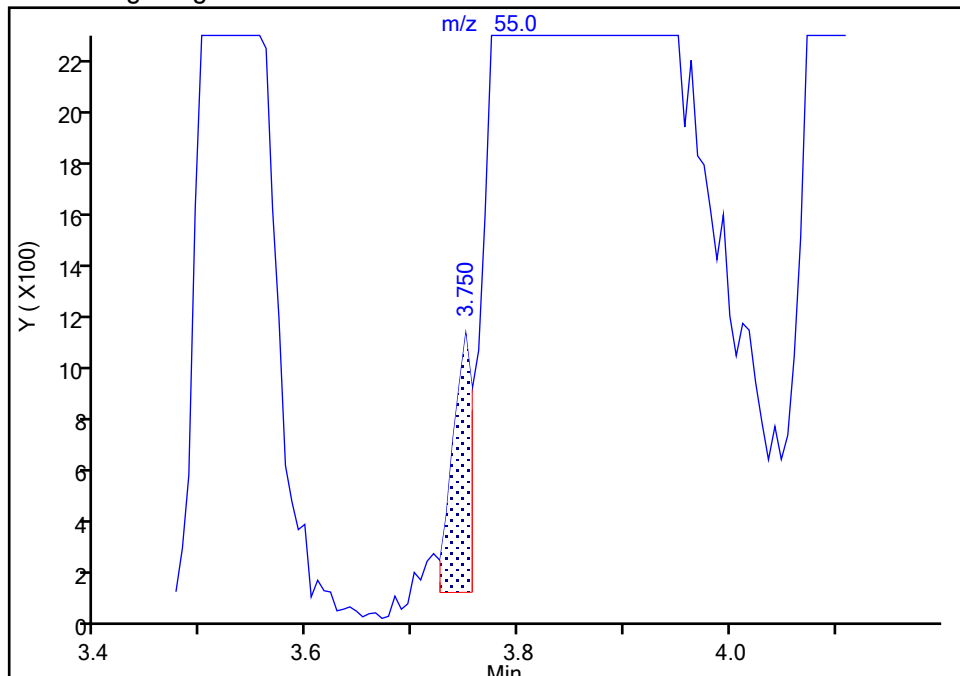
MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

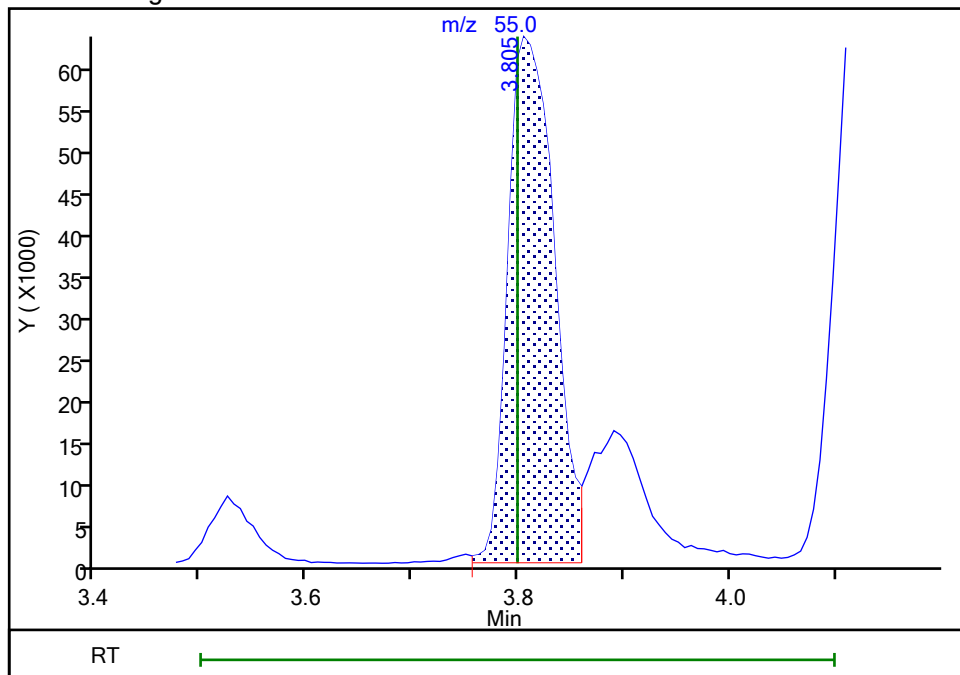
RT: 3.75  
Area: 1306  
Amount: 0.425927  
Amount Units: ug/l

## Processing Integration Results



RT: 3.80  
Area: 194155  
Amount: 49.936719  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:05:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

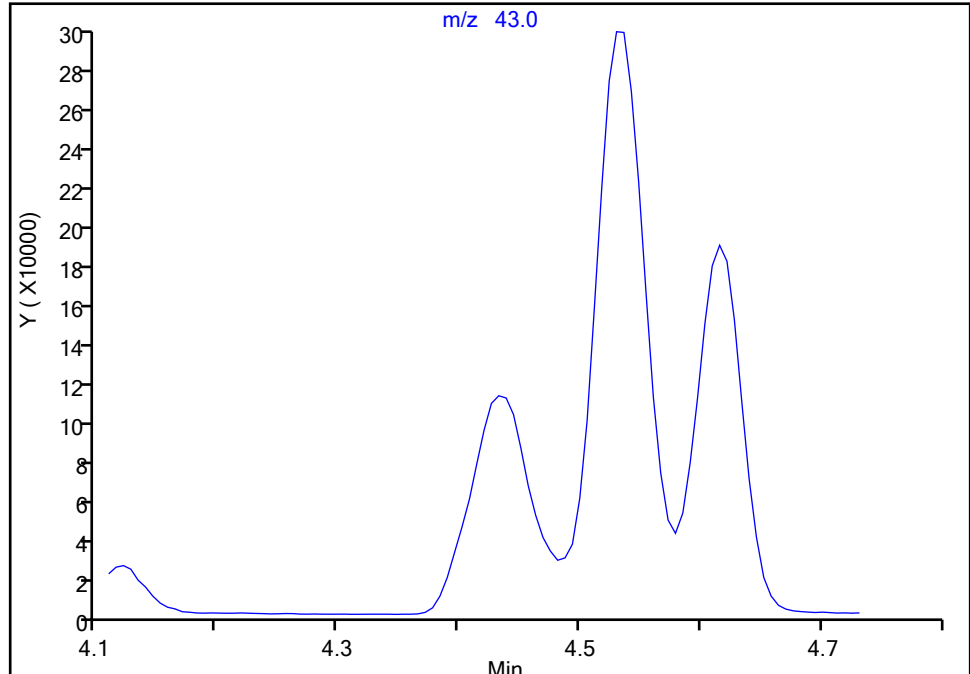
**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

Not Detected

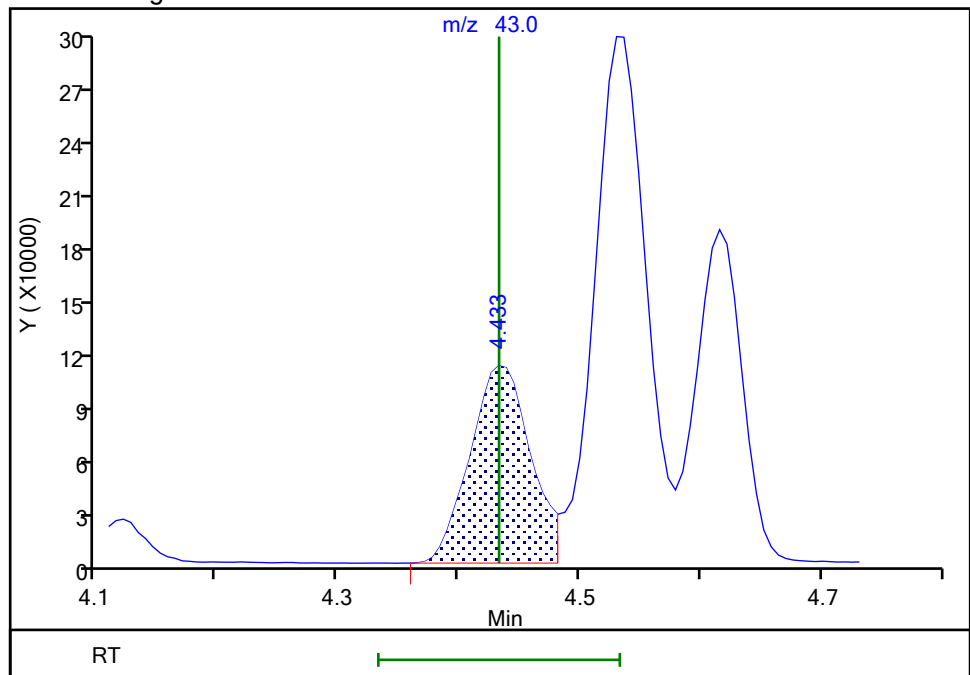
Expected RT: 4.43

## Processing Integration Results



RT: 4.43  
Area: 385222  
Amount: 1201.5999  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:05:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49279.D

Injection Date: 12-Jan-2022 00:44:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

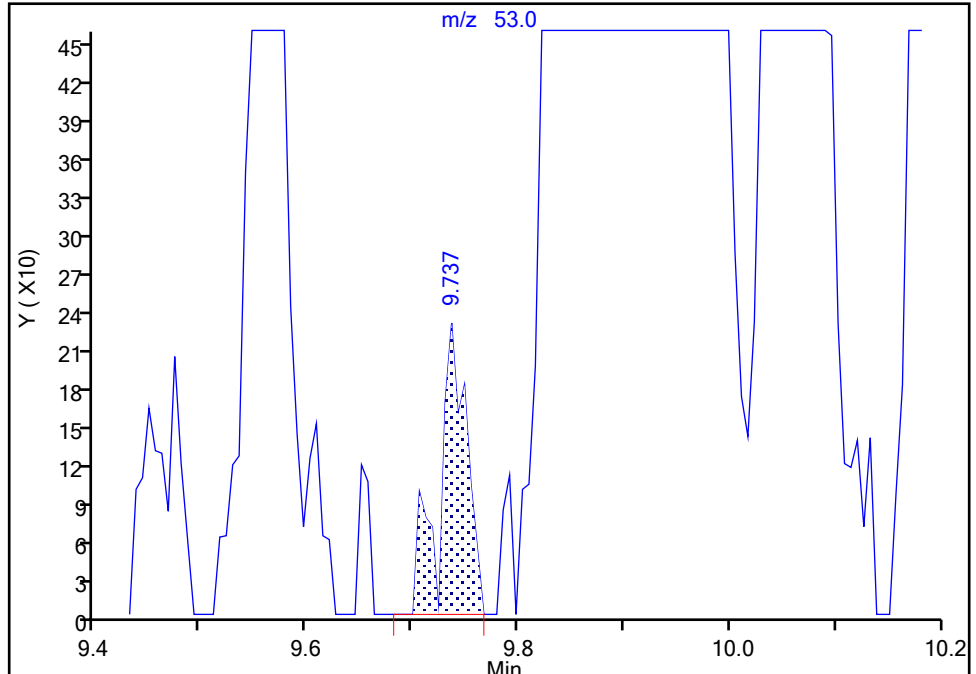
MS Quad

**110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

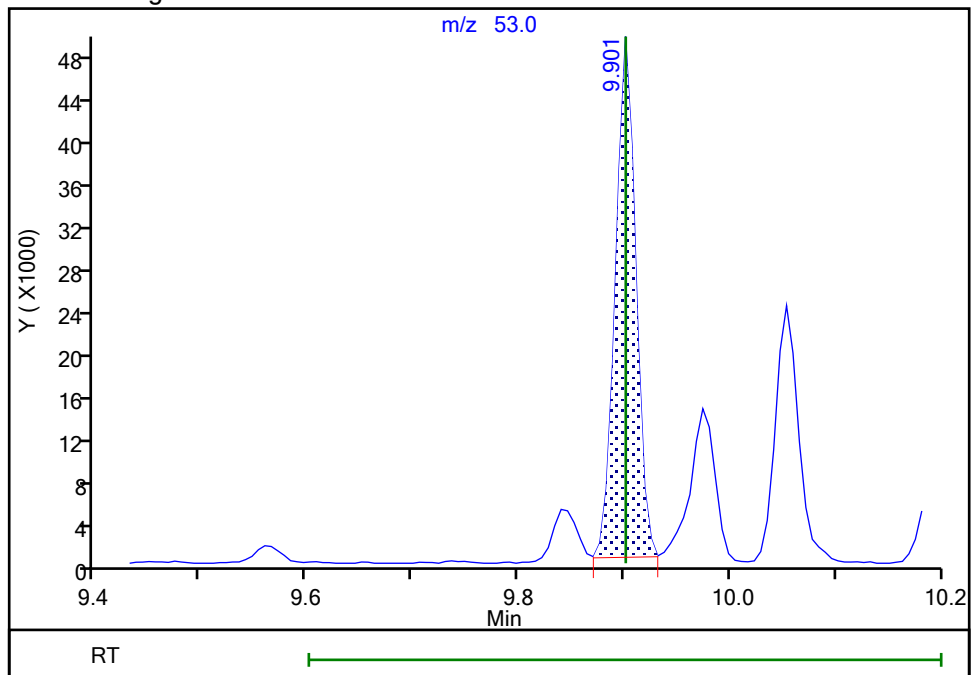
RT: 9.74  
Area: 407  
Amount: 0.434630  
Amount Units: ug/l

## Processing Integration Results



RT: 9.90  
Area: 66039  
Amount: 52.849502  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:06:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D  
 Lims ID: STD200  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 12-Jan-2022 01:05:30 ALS Bottle#: 8 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: std200  
 Misc. Info.: 460-0140108-009  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:37:46 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 12-Jan-2022 01:29:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.178	1.178	0.000	0	123096	200.0	226.6	
3 Chlorotrifluoroethene	116	1.263	1.251	0.012	0	451449	200.0	321.7	
2 1,1-Difluoroethane	65	1.275	1.269	0.006	0	726563	200.0	228.9	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	0	1637732	200.0	239.2	
5 Chlorodifluoromethane	67	1.306	1.299	0.007	99	261213	200.0	206.0	a
6 Chloromethane	50	1.440	1.434	0.006	0	2037392	200.0	215.1	
8 Butadiene	54	1.519	1.507	0.012	0	1688677	200.0	207.1	
7 Vinyl chloride	62	1.519	1.513	0.006	0	1754003	200.0	203.7	
9 Bromomethane	94	1.763	1.757	0.006	0	956995	200.0	183.9	
10 Chloroethane	64	1.812	1.805	0.007	0	946349	200.0	170.0	
11 Dichlorofluoromethane	67	1.976	1.970	0.006	0	2267466	200.0	193.1	
13 Pentane	72	1.982	1.976	0.006	0	334026	400.0	419.9	
12 Trichlorofluoromethane	101	1.982	1.976	0.006	0	1518586	200.0	202.8	
15 Ethyl ether	74	2.153	2.153	0.000	0	542924	200.0	200.3	
14 Ethanol	46	2.153	2.153	0.000	0	73769	8000.0	7038.5	
16 2-Methyl-1,3-butadiene	53	2.165	2.165	0.000	0	1052185	200.0	200.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.214	2.208	0.006	0	756272	200.0	194.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.269	2.257	0.012	91	1396100	200.0	189.9	a
19 Acrolein	56	2.311	2.305	0.006	0	108096	202.8	202.4	
20 112TCTFE	101	2.324	2.318	0.006	0	916479	200.0	204.3	
21 1,1-Dichloroethene	96	2.342	2.330	0.012	0	870190	200.0	188.8	
22 Acetone	43	2.427	2.421	0.006	0	1622984	1000.0	1047.1	
23 Iodomethane	142	2.476	2.470	0.006	0	1461302	200.0	198.8	
25 Isopropyl alcohol	45	2.500	2.494	0.006	50	256142	2000.0	2102.7	a
24 Carbon disulfide	76	2.513	2.500	0.013	0	3939262	200.0	191.4	
26 3-Chloro-1-propene	76	2.616	2.610	0.006	0	632310	200.0	198.0	
28 Cyclopentene	67	2.628	2.628	0.000	0	2487719	200.0	196.9	
27 Methyl acetate	43	2.635	2.635	0.000	0	1678420	400.0	409.3	
29 Acetonitrile	41	2.702	2.696	0.006	0	1224625	2000.0	1622.2	
30 Methylene Chloride	84	2.732	2.732	0.000	0	1078352	200.0	189.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.756	2.744	0.012	44	30321	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	2.824	2.793	0.031	94	663326	2000.0	1907.8	Ma
33 Methyl tert-butyl ether	73	2.878	2.872	0.006	0	2688663	200.0	199.7	
34 trans-1,2-Dichloroethene	96	2.897	2.897	0.000	0	946029	200.0	186.4	
35 Acrylonitrile	53	2.976	2.976	0.000	0	3945993	2000.0	2016.5	
36 Hexane	57	3.037	3.037	0.000	0	1524328	200.0	207.8	
37 Isopropyl ether	45	3.238	3.232	0.006	0	4250875	200.0	197.6	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	0	2008932	200.0	191.7	
39 Vinyl acetate	86	3.287	3.262	0.025	0	342099	400.0	412.8	
40 2-Chloro-1,3-butadiene	88	3.305	3.305	0.000	0	842967	200.0	196.4	
41 Tert-butyl ethyl ether	59	3.531	3.525	0.006	0	3370868	200.0	203.2	
* 42 2-Butanone-d5	46	3.726	3.701	0.025	0	352377	250.0	250.0	
43 2,2-Dichloropropane	97	3.732	3.726	0.006	0	344352	200.0	202.1	
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	0	1076520	200.0	198.1	
45 2-Butanone (MEK)	72	3.775	3.750	0.025	0	449747	1000.0	962.4	
46 Ethyl acetate	70	3.768	3.756	0.012	0	170149	400.0	396.5	
47 Methyl acrylate	55	3.823	3.799	0.024	98	795725	200.0	214.3	a
48 Propionitrile	54	3.903	3.878	0.025	0	1299965	2000.0	2114.1	
50 Tetrahydrofuran	72	3.964	3.945	0.019	0	219513	400.0	392.1	
49 Chlorobromomethane	128	3.957	3.957	0.000	0	473405	200.0	200.0	
51 Methacrylonitrile	67	3.988	3.970	0.018	0	3456042	2000.0	2092.4	
52 Chloroform	83	4.012	4.006	0.006	0	1640704	200.0	189.8	
53 Cyclohexane	84	4.128	4.116	0.012	0	1483342	200.0	206.0	
54 1,1,1-Trichloroethane	97	4.140	4.134	0.006	0	1411478	200.0	198.9	
\$ 55 Dibromofluoromethane (Surr)	113	4.159	4.153	0.006	0	123904	50.0	46.8	
56 Carbon tetrachloride	117	4.250	4.250	0.000	0	1172224	200.0	206.2	
57 1,1-Dichloropropene	75	4.281	4.274	0.007	0	1414435	200.0	208.9	
59 Isooctane	57	4.445	4.433	0.012	0	4271402	200.0	223.5	
58 Isobutyl alcohol	43	4.439	4.433	0.006	95	1510704	5000.0	5432.7	a
60 Benzene	78	4.470	4.463	0.007	0	3989055	200.0	186.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.488	4.482	0.006	0	174224	50.0	49.8	
62 Tert-amyl methyl ether	73	4.537	4.531	0.006	0	3055101	200.0	205.7	
63 Isopropyl acetate	61	4.543	4.537	0.006	0	512349	200.0	209.1	
64 1,2-Dichloroethane	62	4.561	4.549	0.012	0	1256142	200.0	195.4	
65 n-Heptane	100	4.622	4.616	0.006	0	228246	200.0	209.8	
* 66 Fluorobenzene	96	4.744	4.738	0.006	0	541116	50.0	50.0	
67 n-Butanol	56	5.055	5.055	0.000	0	309709	5000.0	5907.0	
68 Trichloroethene	95	5.079	5.073	0.006	0	979185	200.0	214.5	
69 Methylcyclohexane	83	5.195	5.189	0.006	0	1764382	200.0	217.9	
70 Ethyl acrylate	99	5.201	5.195	0.006	0	120971	200.0	201.9	
71 1,2-Dichloropropane	63	5.360	5.354	0.006	0	1125714	200.0	212.2	
* 72 1,4-Dioxane-d8	96	5.475	5.421	0.054	70	18886	1000.0	1000.0	M
73 Methyl methacrylate	100	5.445	5.439	0.006	0	374308	400.0	465.7	
75 1,4-Dioxane	88	5.469	5.475	-0.006	0	68095	4000.0	3999.8	
74 Dibromomethane	93	5.482	5.475	0.007	0	548537	200.0	209.8	
76 n-Propyl acetate	43	5.500	5.494	0.006	0	1360818	200.0	228.8	
77 Dichlorobromomethane	83	5.634	5.628	0.006	0	1307582	200.0	222.5	
78 2-Nitropropane	41	5.963	5.957	0.006	0	472307	400.0	406.8	
79 2-Chloroethyl vinyl ether	63	5.969	5.963	0.006	0	576093	200.5	235.4	
80 Epichlorohydrin	57	6.067	6.061	0.006	0	1727069	4000.0	4535.1	
81 cis-1,3-Dichloropropene	75	6.116	6.109	0.007	0	1617764	200.0	219.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	2020654	1000.0	1125.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	477366	50.0	47.8	
84 Toluene	91	6.427	6.420	0.006	0	3869767	200.0	194.5	
85 trans-1,3-Dichloropropene	75	6.774	6.768	0.006	0	1318934	200.0	216.4	
86 Ethyl methacrylate	69	6.817	6.817	0.000	0	1209880	200.0	229.8	
87 1,1,2-Trichloroethane	83	6.981	6.975	0.006	0	670545	200.0	206.5	
88 Tetrachloroethene	166	7.012	7.006	0.006	0	801488	200.0	200.9	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	1318078	200.0	203.5	
90 2-Hexanone	43	7.262	7.262	0.000	0	3305632	1000.0	1156.7	
91 n-Butyl acetate	43	7.378	7.378	0.000	0	1641238	200.0	208.5	
92 Chlorodibromomethane	129	7.408	7.402	0.006	0	733911	200.0	210.3	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	659000	200.0	206.3	
* 94 Chlorobenzene-d5	117	8.091	8.085	0.006	0	369552	50.0	50.0	
95 Chlorobenzene	112	8.127	8.121	0.006	0	2259844	200.0	200.6	
96 Ethylbenzene	106	8.237	8.231	0.006	0	1262572	200.0	199.4	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	0	897727	200.0	196.1	
98 m-Xylene & p-Xylene	106	8.396	8.390	0.006	0	1536757	200.0	200.6	
99 o-Xylene	106	8.908	8.908	0.000	0	1687516	200.0	211.8	
100 n-Butyl acrylate	73	8.920	8.926	-0.006	0	714655	200.0	222.7	
101 Styrene	104	8.950	8.950	0.000	0	2425904	200.0	211.4	
102 Bromoform	173	9.200	9.206	-0.006	0	446954	200.0	215.3	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	2234512	200.0	204.0	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	4501931	200.0	209.1	
\$ 105 4-Bromofluorobenzene	174	9.597	9.597	0.000	0	118118	50.0	46.5	
106 Bromobenzene	156	9.743	9.743	0.000	0	861271	200.0	227.9	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	1033644	200.0	232.4	
108 N-Propylbenzene	91	9.847	9.847	0.000	0	5269970	200.0	230.4	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	0	231175	200.0	213.6	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	0	256825	200.0	226.6	
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	3464792	200.0	223.5	
112 4-Ethyltoluene	105	9.981	9.981	0.000	0	3760632	200.0	223.8	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	3577793	200.0	238.6	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	3070859	200.0	216.2	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	1298386	200.0	203.9	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	2989399	200.0	203.6	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	3635832	200.0	237.5	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	4935101	200.0	247.4	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	1602394	200.0	211.7	
120 4-Isopropyltoluene	119	10.737	10.737	0.000	0	3845975	200.0	240.3	
* 121 1,4-Dichlorobenzene-d4	152	10.792	10.792	0.000	0	159649	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	1535862	200.0	201.4	
123 1,2,3-Trimethylbenzene	105	10.846	10.840	0.006	0	3734945	200.0	228.0	
124 Benzyl chloride	91	10.962	10.962	0.000	0	1727174	200.0	237.8	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	3302792	200.0	226.0	
126 p-Diethylbenzene	119	11.096	11.090	0.006	0	1923554	200.0	223.6	
127 n-Butylbenzene	92	11.115	11.115	0.000	0	2146077	200.0	220.6	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	1555161	200.0	202.1	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	3844922	200.0	258.1	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	179135	200.0	240.4	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	1423317	200.0	216.0	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	0	1376317	200.0	216.3	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	568655	200.0	237.1	
134 Naphthalene	128	12.663	12.663	0.000	0	3191151	200.0	231.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	1275770	200.0	219.4	
S 136 1,2-Dichloroethene, Total	100				0		400.0	384.5	
S 137 Xylenes, Total	100				0		400.0	412.4	
S 139 1,3-Dichloropropene, Total	1				0		400.0	435.7	
S 140 Total BTEX	1				0		1000.0	992.4	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

GAS Hi_00405	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00119	Amount Added: 20.00	Units: uL	
MIX I Hi_00146	Amount Added: 20.00	Units: uL	
8FreonHi_00040	Amount Added: 20.00	Units: uL	
Ethanol mix_00060	Amount Added: 20.00	Units: uL	
ACROLEIN W_00135	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

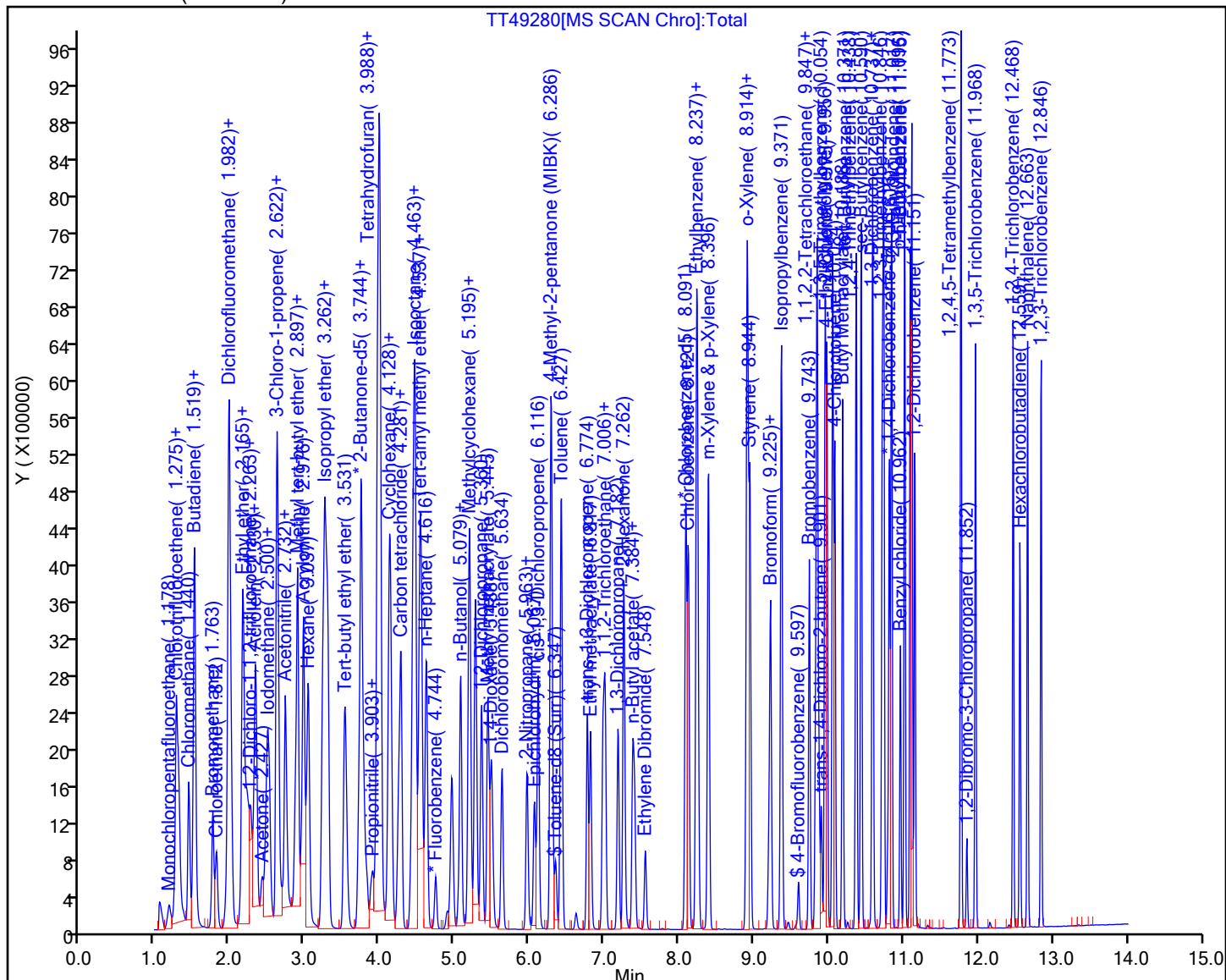
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

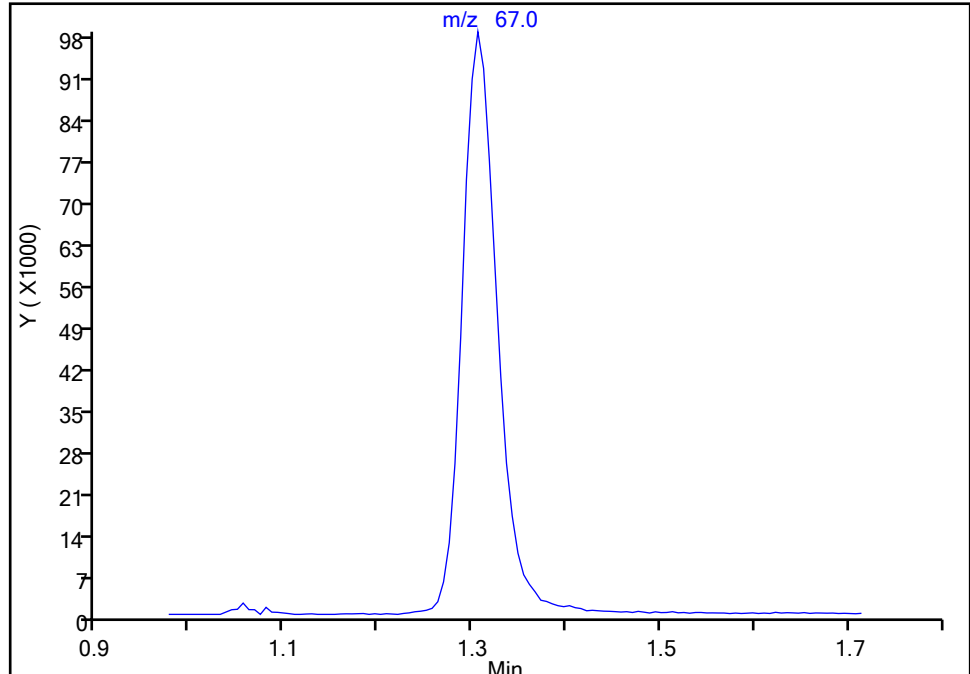
**5 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

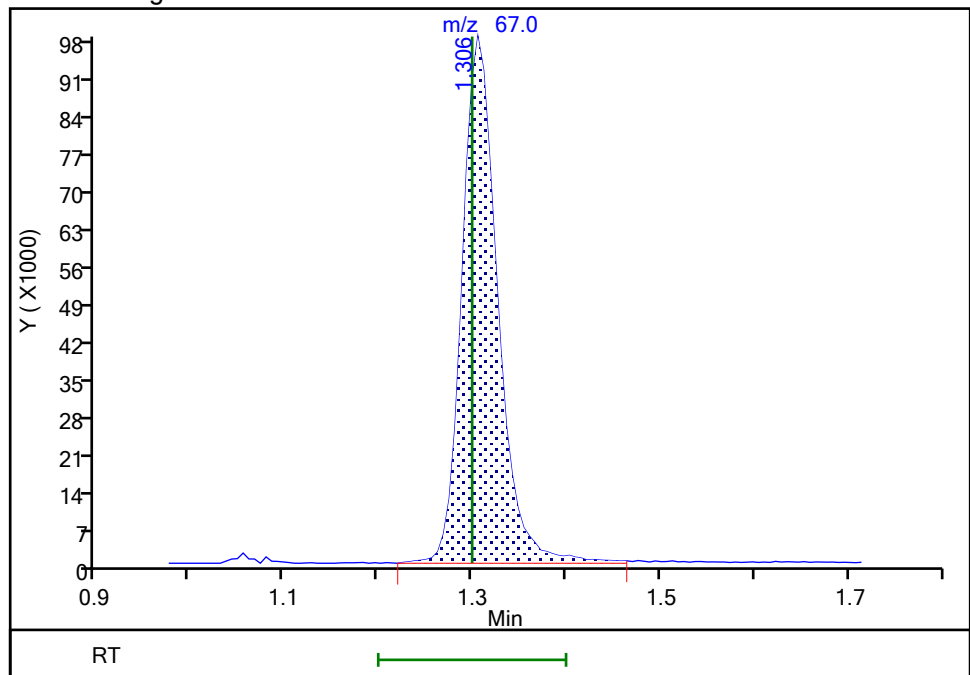
Not Detected

Expected RT: 1.30

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:27:14

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

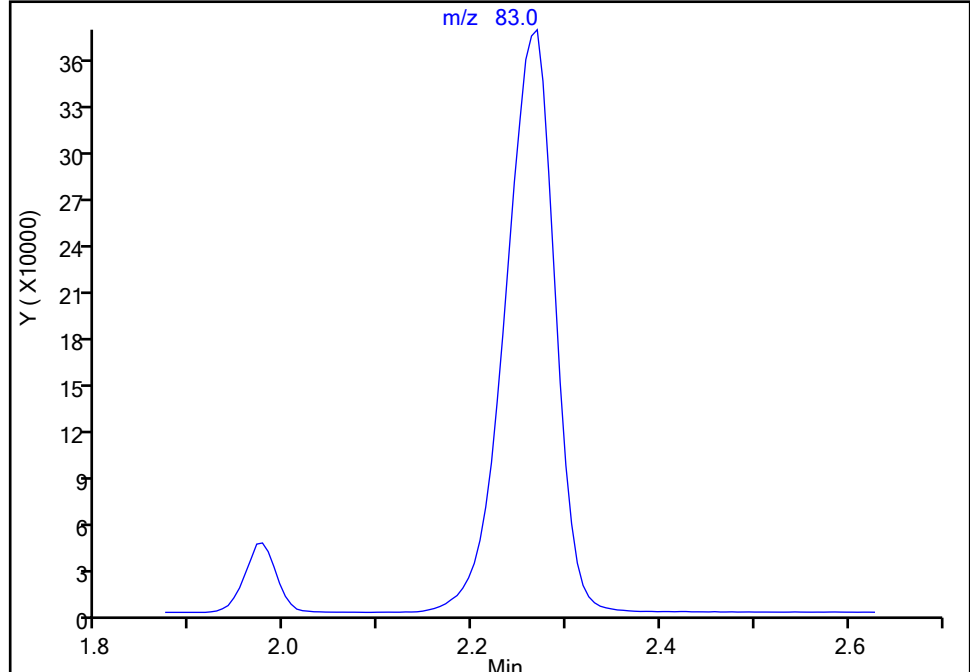
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

Expected RT: 2.26

## Processing Integration Results



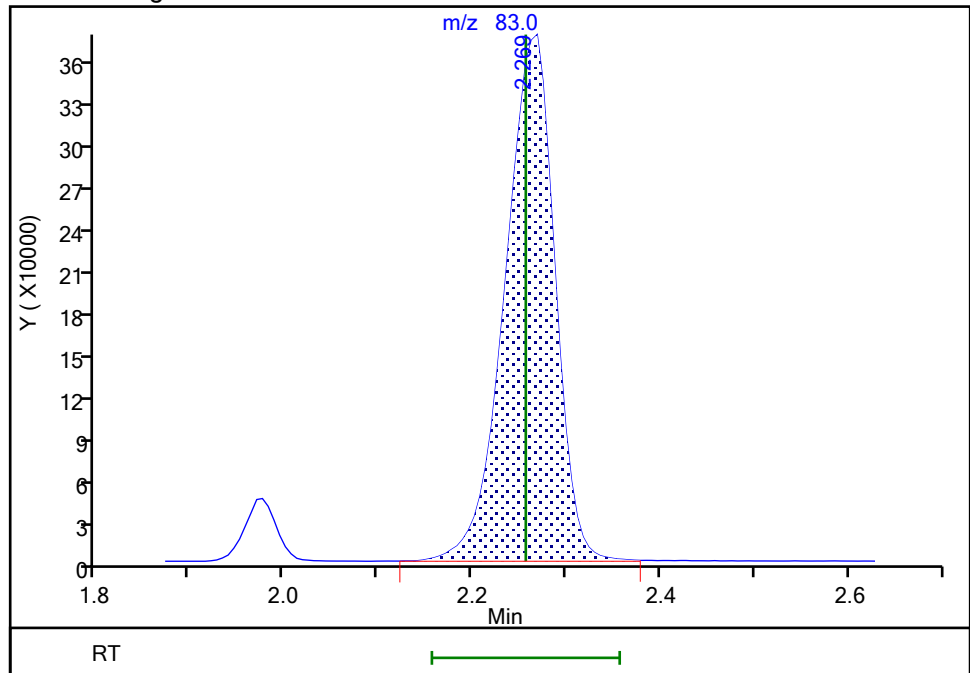
RT: 2.27

Area: 1396100

Amount: 189.9455

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:27:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

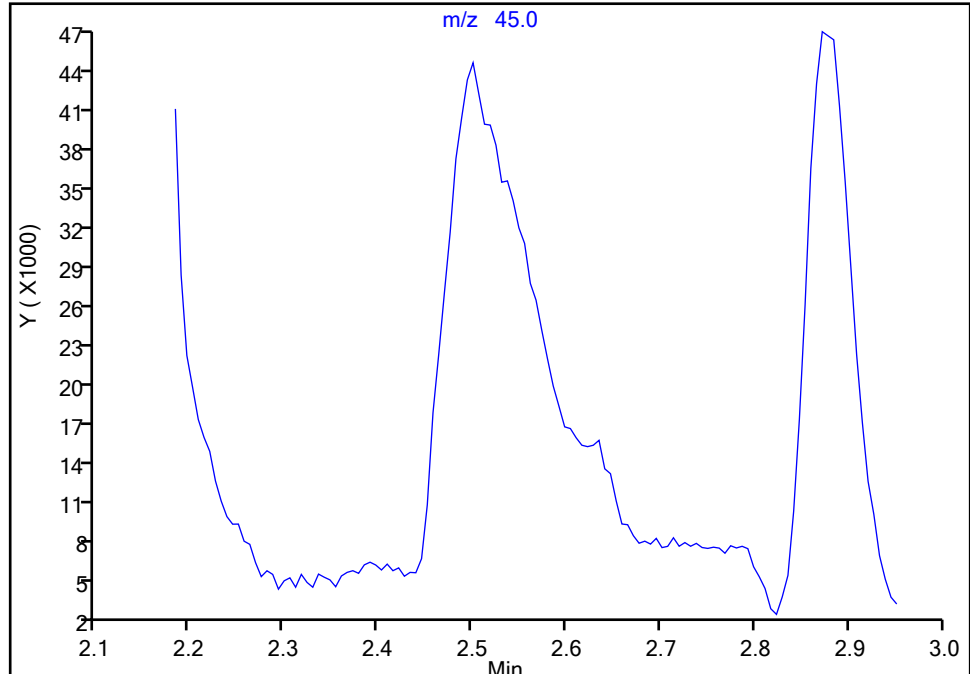
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

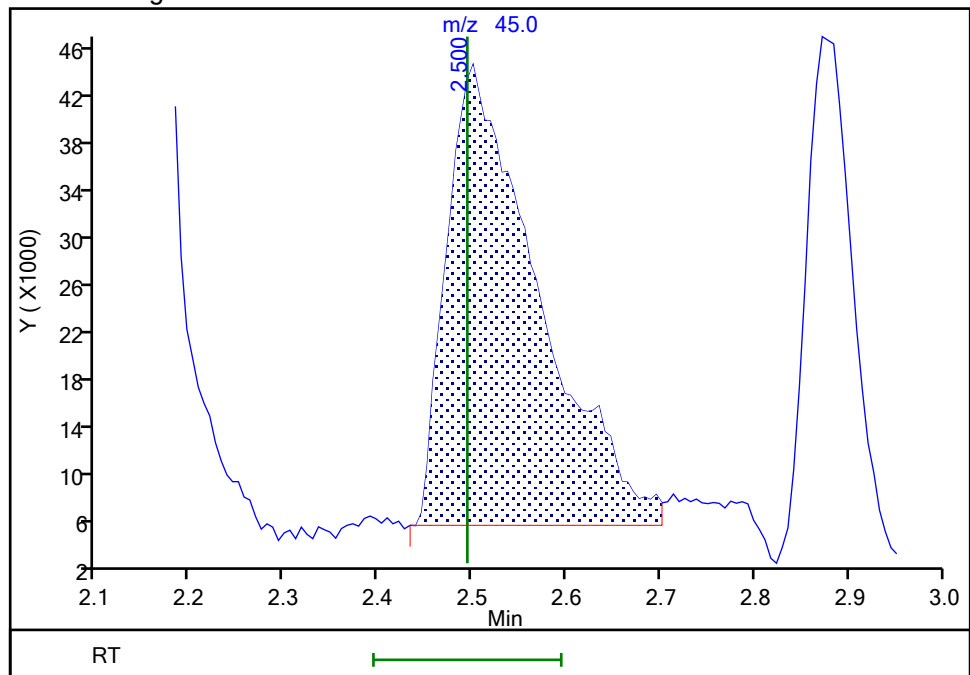
Not Detected

Expected RT: 2.49

## Processing Integration Results



## Manual Integration Results

RT: 2.50  
Area: 256142  
Amount: 2102.7294  
Amount Units: ug/l

Reviewer: boykink, 12-Jan-2022 01:27:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

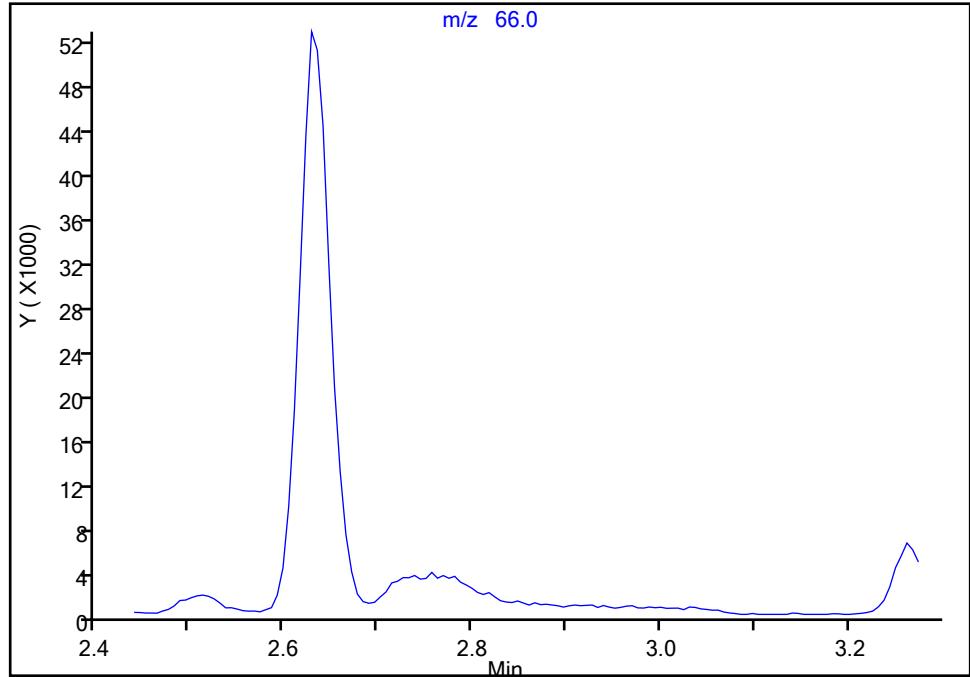
\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

Not Detected

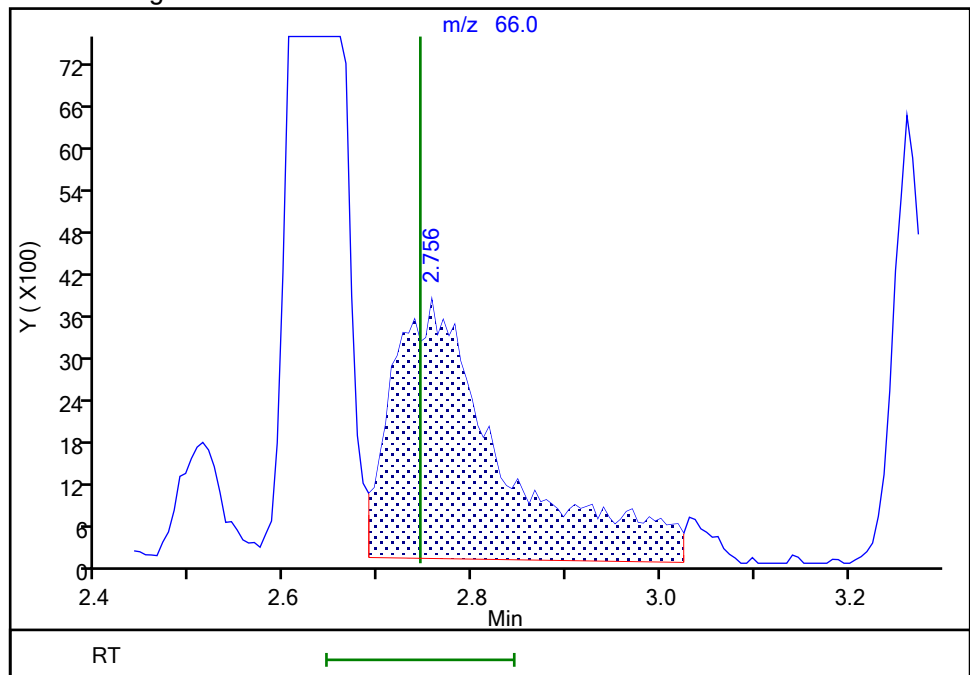
Expected RT: 2.74

## Processing Integration Results



RT: 2.76  
Area: 30321  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:27:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

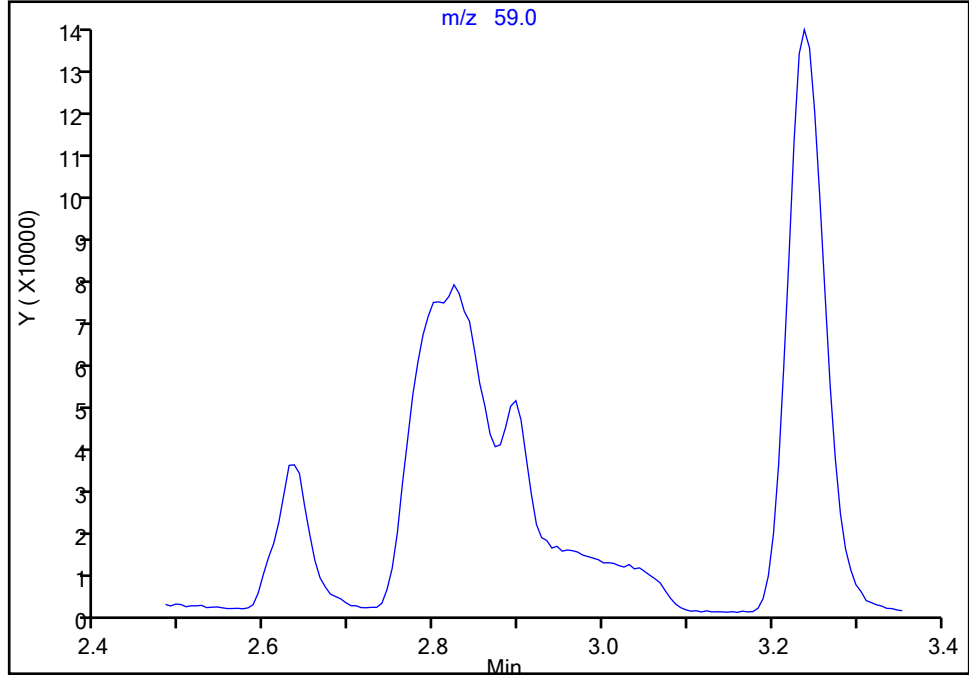
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

Not Detected

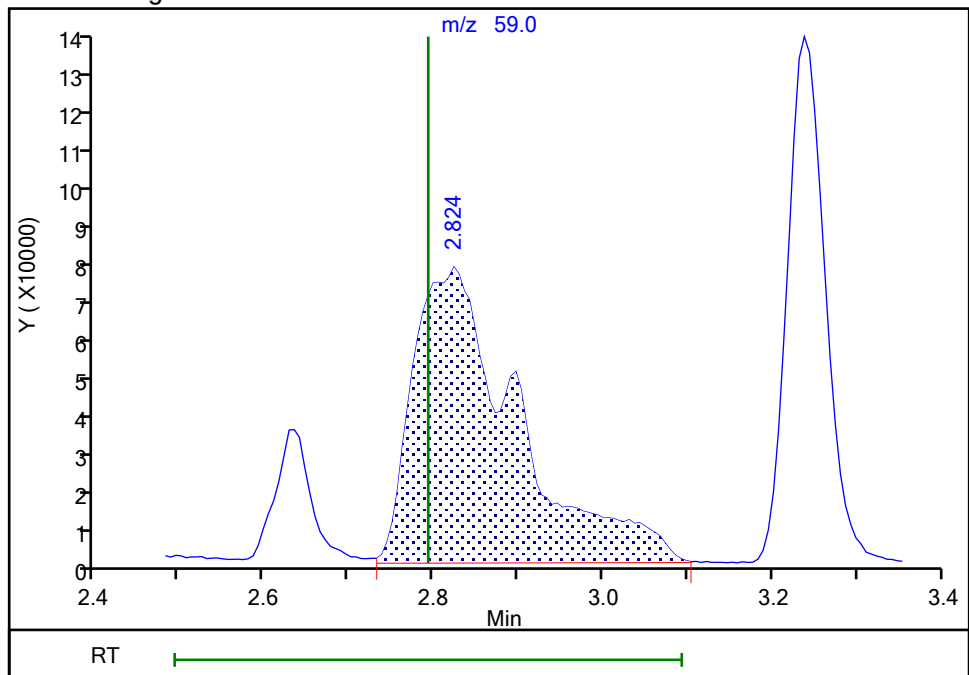
Expected RT: 2.79

## Processing Integration Results



## Manual Integration Results

RT: 2.82  
Area: 663326  
Amount: 1907.8156  
Amount Units: ug/l



Reviewer: baronm, 12-Jan-2022 19:05:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

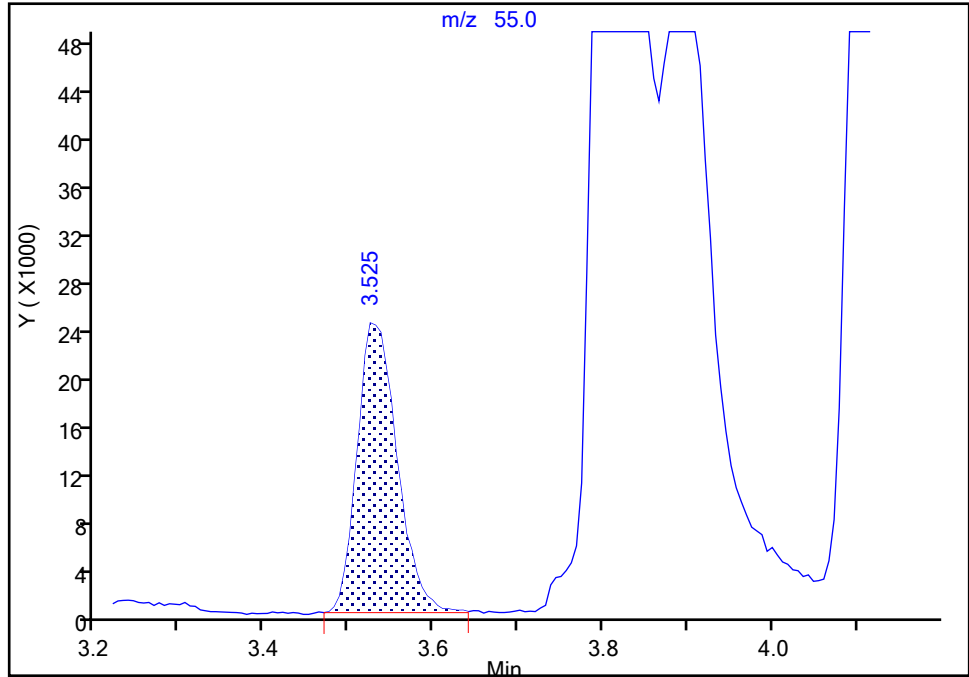
Detector: MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

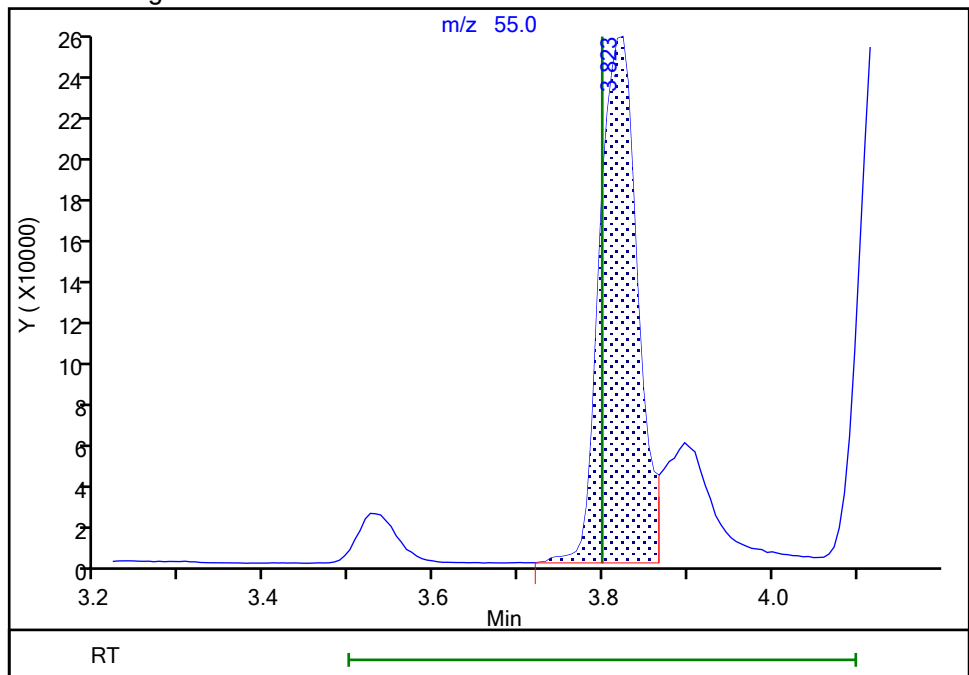
RT: 3.52  
Area: 78426  
Amount: 25.139380  
Amount Units: ug/l

## Processing Integration Results



RT: 3.82  
Area: 795725  
Amount: 214.2928  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:28:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

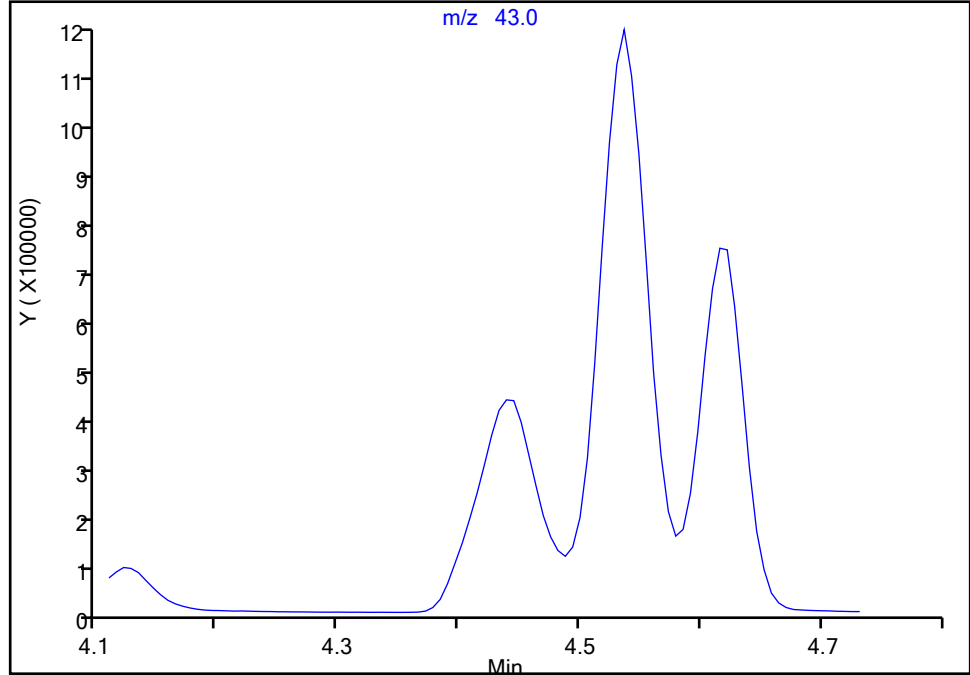
**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

Not Detected

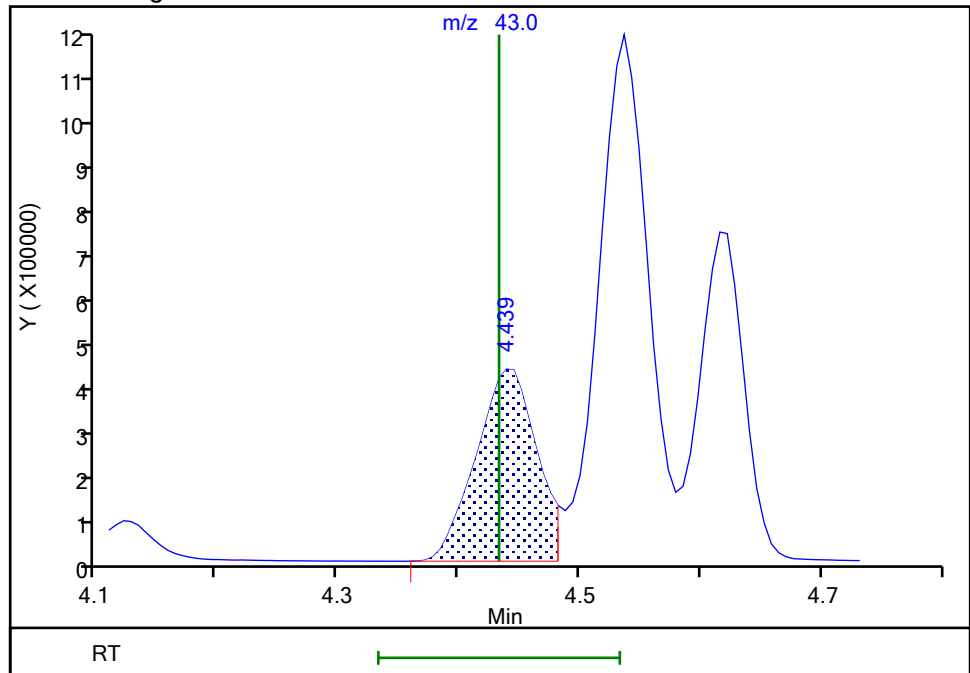
Expected RT: 4.43

## Processing Integration Results



RT: 4.44  
Area: 1510704  
Amount: 5432.7387  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:28:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49280.D

Injection Date: 12-Jan-2022 01:05:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

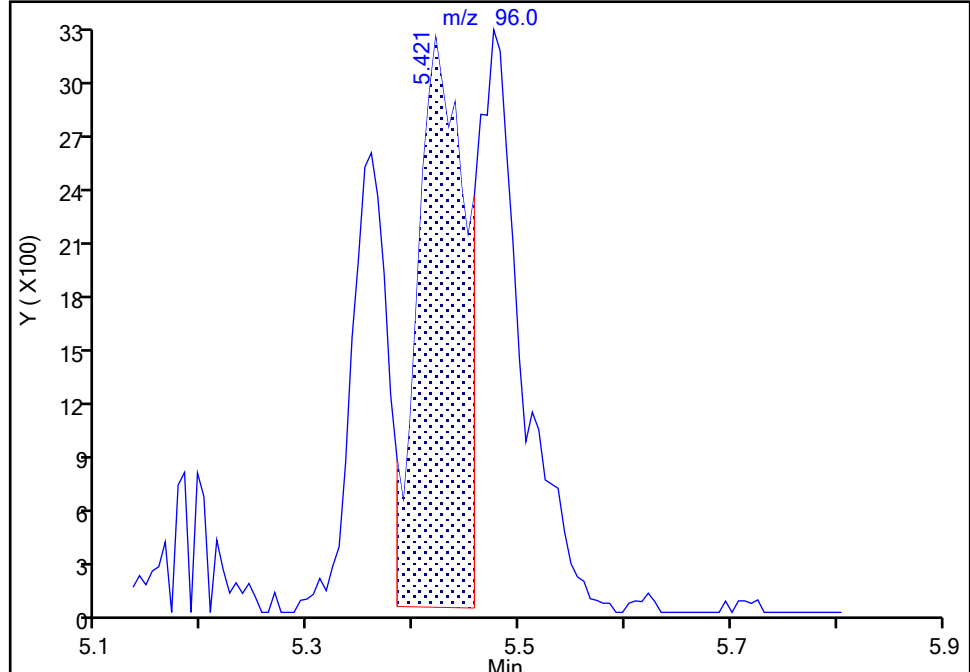
Detector: MS Quad

\* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

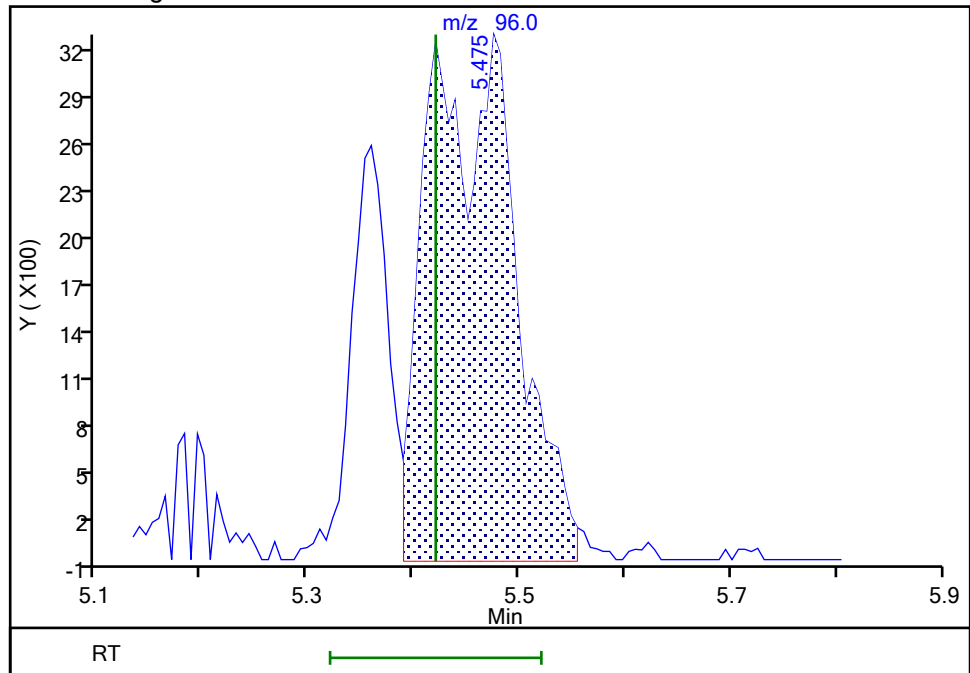
RT: 5.42  
Area: 10132  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.48  
Area: 18886  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: delpolitov, 12-Jan-2022 08:29:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Lims ID: STD500  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 12-Jan-2022 01:26:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: std500  
 Misc. Info.: 460-0140108-010  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:37:54 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 12-Jan-2022 01:45:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.177	1.178	-0.001	0	295328	500.0	491.1	
3 Chlorotrifluoroethene	116	1.263	1.251	0.012	0	1100815	500.0	715.9	
2 1,1-Difluoroethane	65	1.275	1.269	0.006	0	1763874	500.0	507.1	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	0	3890479	500.0	518.7	
5 Chlorodifluoromethane	67	1.305	1.299	0.006	99	605128	500.0	435.6	a
6 Chloromethane	50	1.439	1.434	0.005	0	4791578	500.0	461.6	
8 Butadiene	54	1.519	1.507	0.012	0	3810460	500.0	426.4	
7 Vinyl chloride	62	1.519	1.513	0.006	0	3958330	500.0	419.6	
9 Bromomethane	94	1.763	1.757	0.006	0	2259090	500.0	384.2	
10 Chloroethane	64	1.811	1.805	0.006	0	2191835	500.0	348.5	
11 Dichlorofluoromethane	67	1.976	1.970	0.006	0	5272447	500.0	409.9	
13 Pentane	72	1.994	1.976	0.018	0	746740	1000.0	856.7	
12 Trichlorofluoromethane	101	1.988	1.976	0.012	0	3541565	500.0	431.6	
15 Ethyl ether	74	2.153	2.153	0.000	0	1347831	500.0	453.9	
14 Ethanol	46	2.153	2.153	0.000	0	236904	20000	21140	
16 2-Methyl-1,3-butadiene	53	2.171	2.165	0.006	0	2369581	500.0	411.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.220	2.208	0.012	0	1824175	500.0	428.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.269	2.257	0.012	93	3428140	500.0	425.7	a
19 Acrolein	56	2.311	2.305	0.006	0	216980	405.6	370.8	
20 112TCTFE	101	2.323	2.318	0.005	0	2203761	500.0	448.4	
21 1,1-Dichloroethene	96	2.348	2.330	0.018	0	2142048	500.0	424.0	
22 Acetone	43	2.421	2.421	0.000	0	4324303	2500.0	2471.4	
23 Iodomethane	142	2.482	2.470	0.012	0	3621131	500.0	449.5	
25 Isopropyl alcohol	45	2.506	2.494	0.012	92	677818	5000.0	5204.1	a
24 Carbon disulfide	76	2.519	2.500	0.019	0	9518454	500.0	422.0	
26 3-Chloro-1-propene	76	2.616	2.610	0.006	0	1596572	500.0	456.3	
28 Cyclopentene	67	2.634	2.628	0.006	0	5637472	500.0	407.3	
27 Methyl acetate	43	2.634	2.635	-0.001	0	4212826	1000.0	937.6	
29 Acetonitrile	41	2.695	2.696	-0.001	96	2701174	5000.0	3167.2	a
30 Methylene Chloride	84	2.738	2.732	0.006	0	2698813	500.0	431.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.762	2.744	0.018	79	32420	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	2.817	2.793	0.024	96	2067700	5000.0	5562.0	Ma
33 Methyl tert-butyl ether	73	2.878	2.872	0.006	0	6676719	500.0	452.5	
34 trans-1,2-Dichloroethene	96	2.897	2.897	-0.001	0	2332428	500.0	419.4	
35 Acrylonitrile	53	2.976	2.976	0.000	0	9694091	5000.0	4521.1	
36 Hexane	57	3.037	3.037	0.000	0	3723086	500.0	463.2	
37 Isopropyl ether	45	3.238	3.232	0.006	0	9918166	500.0	420.8	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	0	4910539	500.0	427.6	
39 Vinyl acetate	86	3.287	3.262	0.025	0	865058	1000.0	924.0	
40 2-Chloro-1,3-butadiene	88	3.305	3.305	0.000	0	1917569	500.0	407.8	
41 Tert-butyl ethyl ether	59	3.531	3.525	0.006	0	8046082	500.0	442.6	
* 42 2-Butanone-d5	46	3.726	3.701	0.025	0	398107	250.0	250.0	
43 2,2-Dichloropropane	97	3.738	3.726	0.012	0	866852	500.0	464.4	
44 cis-1,2-Dichloroethene	96	3.750	3.744	0.006	0	2672528	500.0	448.7	
45 2-Butanone (MEK)	72	3.774	3.750	0.024	0	1219154	2500.0	2309.2	
46 Ethyl acetate	70	3.774	3.756	0.018	0	421090	1000.0	868.6	
47 Methyl acrylate	55	3.823	3.799	0.024	0	2020776	500.0	496.7	
48 Propionitrile	54	3.902	3.878	0.024	0	3306804	5000.0	5029.5	
50 Tetrahydrofuran	72	3.957	3.945	0.012	0	572268	1000.0	904.8	
49 Chlorobromomethane	128	3.957	3.957	0.000	0	1192855	500.0	460.0	
51 Methacrylonitrile	67	3.994	3.970	0.024	0	8265823	5000.0	4567.2	
52 Chloroform	83	4.012	4.006	0.006	0	3999294	500.0	422.3	
53 Cyclohexane	84	4.128	4.116	0.012	0	3696632	500.0	468.4	
54 1,1,1-Trichloroethane	97	4.146	4.134	0.012	0	3530680	500.0	454.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.158	4.153	0.005	0	128015	50.0	44.1	
56 Carbon tetrachloride	117	4.250	4.250	0.000	0	3000432	500.0	481.7	
57 1,1-Dichloropropene	75	4.280	4.274	0.006	0	3632709	500.0	489.7	
59 Isooctane	57	4.445	4.433	0.012	0	9961298	500.0	475.6	
58 Isobutyl alcohol	43	4.439	4.433	0.006	90	4345787	12500	14616	a
60 Benzene	78	4.469	4.463	0.006	0	9889889	500.0	410.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.488	4.482	0.006	0	200377	50.0	52.2	
62 Tert-amyl methyl ether	73	4.536	4.531	0.005	0	7328169	500.0	450.3	
63 Isopropyl acetate	61	4.543	4.537	0.006	0	1270364	500.0	473.1	
64 1,2-Dichloroethane	62	4.561	4.549	0.012	0	3240945	500.0	460.0	
65 n-Heptane	100	4.622	4.616	0.006	0	581477	500.0	487.7	
* 66 Fluorobenzene	96	4.744	4.738	0.006	0	592919	50.0	50.0	
67 n-Butanol	56	5.055	5.055	0.000	0	1015787	12500	18119	
68 Trichloroethene	95	5.079	5.073	0.006	0	2574891	500.0	514.8	
69 Methylcyclohexane	83	5.195	5.189	0.006	0	4364043	500.0	491.8	
70 Ethyl acrylate	99	5.207	5.195	0.012	0	303957	500.0	499.7	
71 1,2-Dichloropropane	63	5.359	5.354	0.005	0	2928950	500.0	503.8	
* 72 1,4-Dioxane-d8	96	5.481	5.421	0.060	44	27099	1000.0	1000.0	M
73 Methyl methacrylate	100	5.445	5.439	0.006	0	957225	1000.0	1086.9	
75 1,4-Dioxane	88	5.469	5.475	-0.006	0	226104	10000	NQ	
74 Dibromomethane	93	5.481	5.475	0.006	0	1438255	500.0	502.0	
76 n-Propyl acetate	43	5.506	5.494	0.012	0	3489020	500.0	535.3	
77 Dichlorobromomethane	83	5.634	5.628	0.006	0	3538741	500.0	549.6	
78 2-Nitropropane	41	5.963	5.957	0.006	0	1272397	1000.0	999.1	
79 2-Chloroethyl vinyl ether	63	5.969	5.963	0.006	0	1534243	501.2	572.1	
80 Epichlorohydrin	57	6.067	6.061	0.006	0	4741220	10000	11020	
81 cis-1,3-Dichloropropene	75	6.115	6.109	0.006	0	4405783	500.0	531.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.292	6.286	0.006	0	5072020	2500.0	2500.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.353	6.347	0.006	0	502757	50.0	44.8	
84 Toluene	91	6.426	6.420	0.006	0	9984886	500.0	446.4	
85 trans-1,3-Dichloropropene	75	6.774	6.768	0.006	0	3797662	500.0	554.3	
86 Ethyl methacrylate	69	6.816	6.817	-0.001	0	3183740	500.0	537.9	
87 1,1,2-Trichloroethane	83	6.987	6.975	0.012	0	1814145	500.0	497.0	
88 Tetrachloroethene	166	7.012	7.006	0.006	0	2083022	500.0	464.3	
89 1,3-Dichloropropane	76	7.188	7.182	0.006	0	3620779	500.0	497.2	
90 2-Hexanone	43	7.262	7.262	0.000	0	8590333	2500.0	2660.6	
91 n-Butyl acetate	43	7.383	7.378	0.005	0	4123046	500.0	465.8	
92 Chlorodibromomethane	129	7.408	7.402	0.006	0	2008039	500.0	511.8	
93 Ethylene Dibromide	107	7.554	7.548	0.006	0	1830185	500.0	509.6	
* 94 Chlorobenzene-d5	117	8.091	8.085	0.006	0	415519	50.0	50.0	
95 Chlorobenzene	112	8.127	8.121	0.006	0	5977291	500.0	471.8	
96 Ethylbenzene	106	8.237	8.231	0.006	0	3297195	500.0	463.2	
97 1,1,1,2-Tetrachloroethane	131	8.255	8.249	0.006	0	2229490	500.0	433.2	
98 m-Xylene & p-Xylene	106	8.395	8.390	0.005	0	4074370	500.0	473.1	
99 o-Xylene	106	8.914	8.908	0.006	0	4374517	500.0	488.3	
100 n-Butyl acrylate	73	8.926	8.926	0.000	0	1747623	500.0	484.3	
101 Styrene	104	8.950	8.950	0.000	0	6370498	500.0	493.7	
102 Bromoform	173	9.206	9.206	0.000	0	1263485	500.0	541.3	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	5537869	500.0	499.3	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	11201716	500.0	462.7	
\$ 105 4-Bromofluorobenzene	174	9.603	9.597	0.006	0	133689	50.0	46.8	
106 Bromobenzene	156	9.749	9.743	0.006	0	2373258	500.0	556.7	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	2642886	500.0	526.6	
108 N-Propylbenzene	91	9.846	9.847	-0.001	0	13081816	500.0	506.9	
109 1,2,3-Trichloropropane	110	9.877	9.871	0.006	0	576257	500.0	472.0	
110 trans-1,4-Dichloro-2-butene	53	9.907	9.901	0.006	0	683508	500.0	534.6	
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	8802451	500.0	503.4	
112 4-Ethyltoluene	105	9.980	9.981	-0.001	0	8956839	500.0	472.4	
113 1,3,5-Trimethylbenzene	105	10.060	10.054	0.006	0	9204206	500.0	544.1	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	8229121	500.0	513.5	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	3318272	500.0	499.4	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	7925591	500.0	499.5	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	9272362	500.0	536.8	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	12429720	500.0	552.4	e
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	4448989	500.0	521.0	
120 4-Isopropyltoluene	119	10.743	10.737	0.006	0	9657273	500.0	534.9	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.792	-0.001	0	180116	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	4263770	500.0	495.6	
123 1,2,3-Trimethylbenzene	105	10.846	10.840	0.006	0	8949954	500.0	484.3	
124 Benzyl chloride	91	10.962	10.962	0.000	0	4543502	500.0	554.5	
125 2,3-Dihydroindene	117	11.023	11.017	0.006	0	7957509	500.0	482.5	
126 p-Diethylbenzene	119	11.096	11.090	0.006	0	4808296	500.0	495.3	
127 n-Butylbenzene	92	11.114	11.115	-0.001	0	5514161	500.0	502.4	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	4152053	500.0	478.4	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	9504348	500.0	565.4	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	491308	500.0	584.4	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	3540116	500.0	476.2	
132 1,2,4-Trichlorobenzene	180	12.474	12.474	0.000	0	3729603	500.0	519.6	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	1535712	500.0	567.5	
134 Naphthalene	128	12.663	12.663	0.000	0	8196767	500.0	527.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	3335323	500.0	508.3	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	868.2	
S 137 Xylenes, Total	100				0		1000.0	961.3	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1085.4	
S 140 Total BTEX	1				0		2500.0	2281.2	

**QC Flag Legend**

## Processing Flags

NQ - Not Quantifiable

e - Potential Peak Saturated

## Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

Ethanol mix_00060	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00119	Amount Added: 50.00	Units: uL	
MIX I Hi_00146	Amount Added: 50.00	Units: uL	
8FreonHi_00040	Amount Added: 50.00	Units: uL	
GAS Hi_00405	Amount Added: 50.00	Units: uL	
ACROLEIN W_00135	Amount Added: 40.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

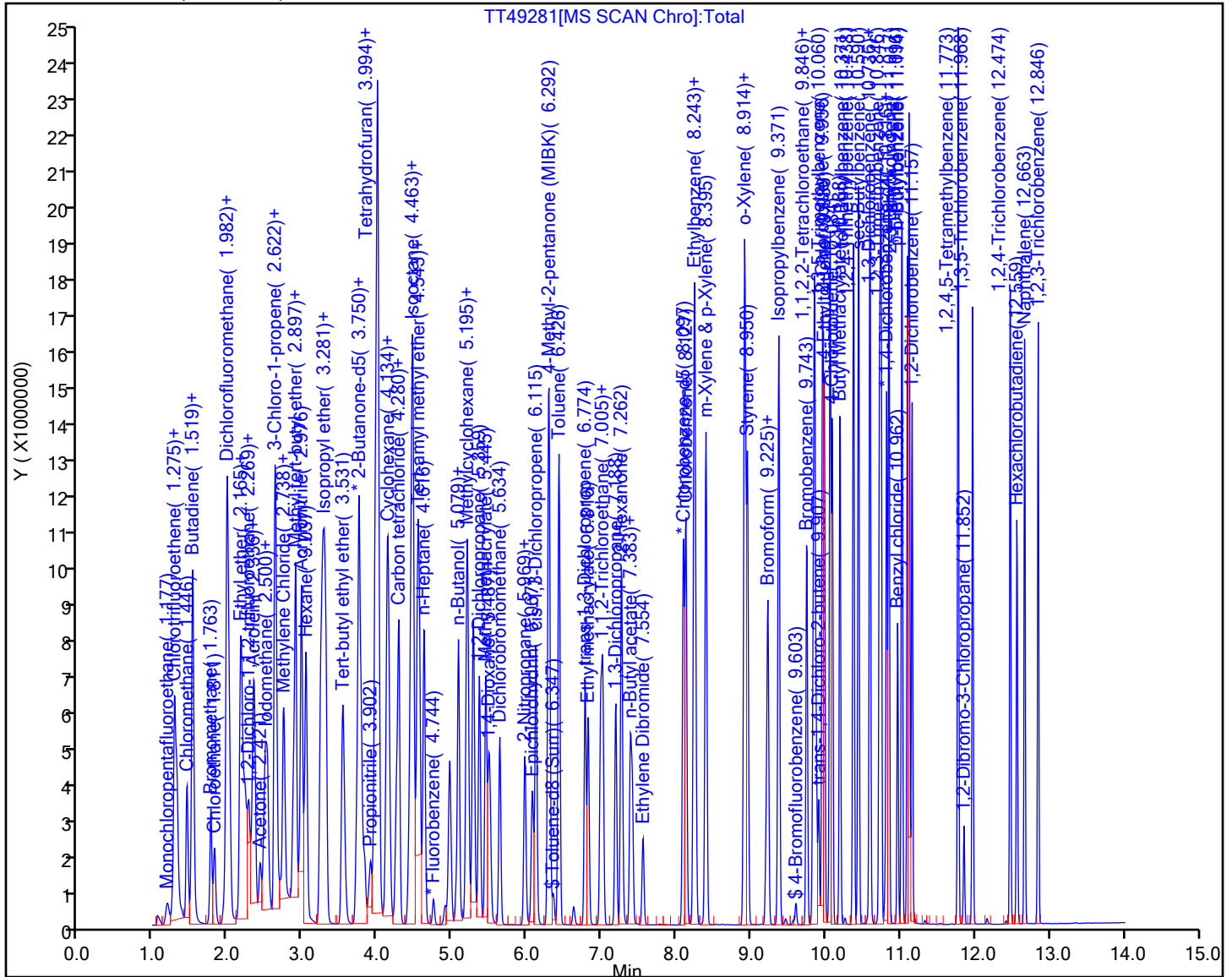
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector MS Quad

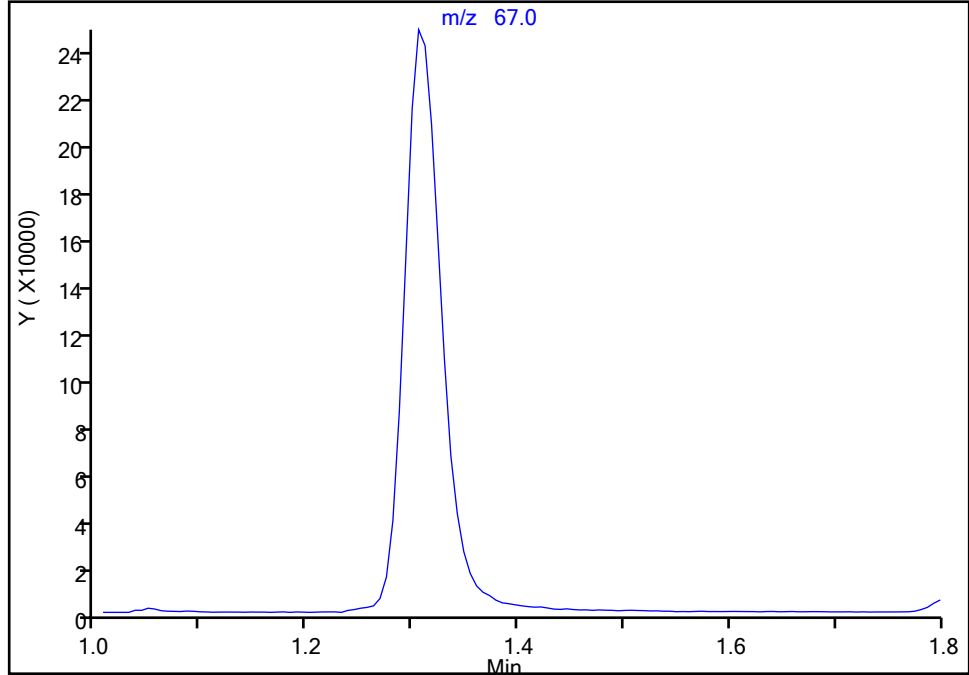
**5 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

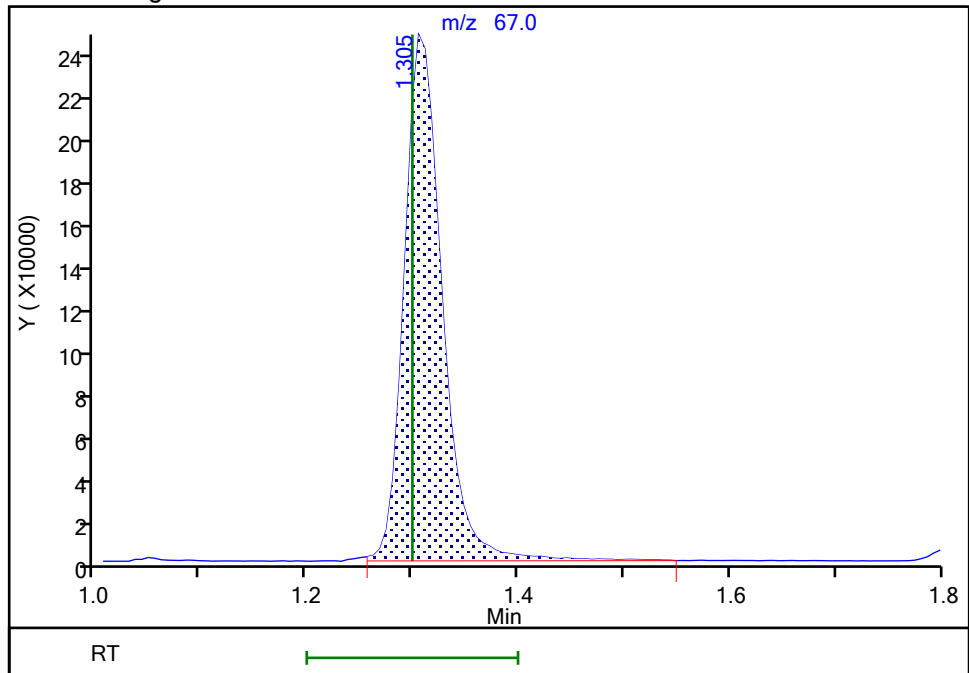
Not Detected

Expected RT: 1.30

## Processing Integration Results



## Manual Integration Results



RT: 1.31

Area: 605128

Amount: 435.5603

Amount Units: ug/l

Reviewer: boykink, 12-Jan-2022 01:44:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

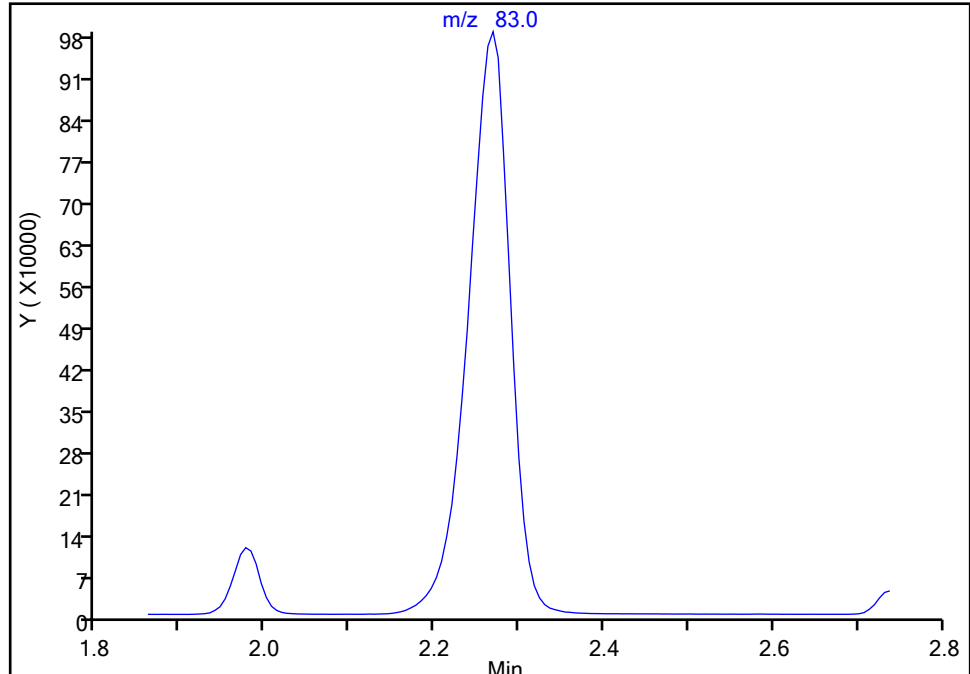
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

Expected RT: 2.26

## Processing Integration Results



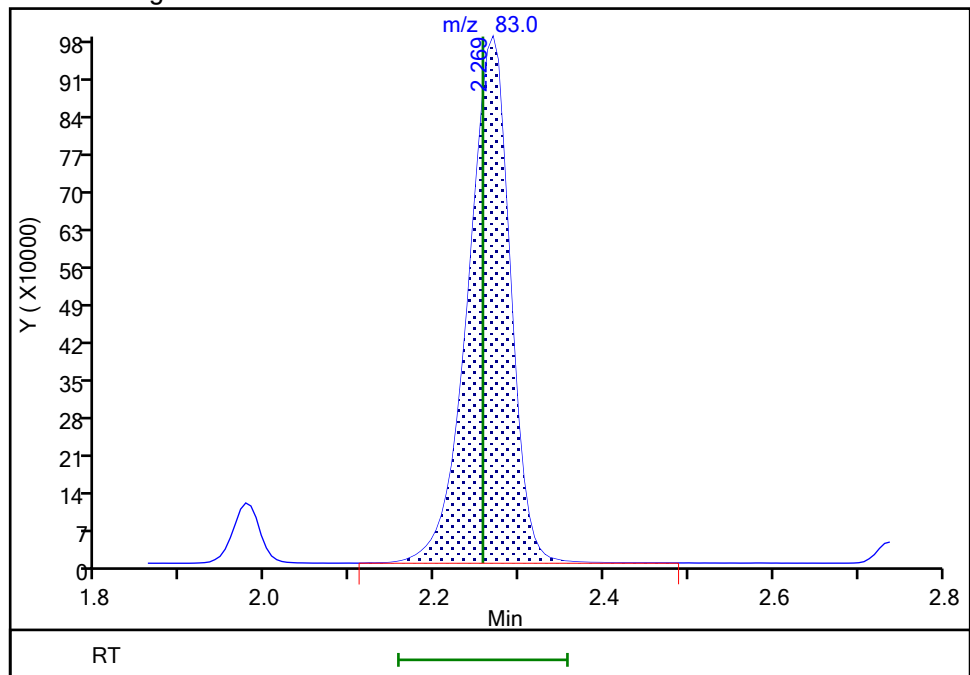
RT: 2.27

Area: 3428140

Amount: 425.6632

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:44:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

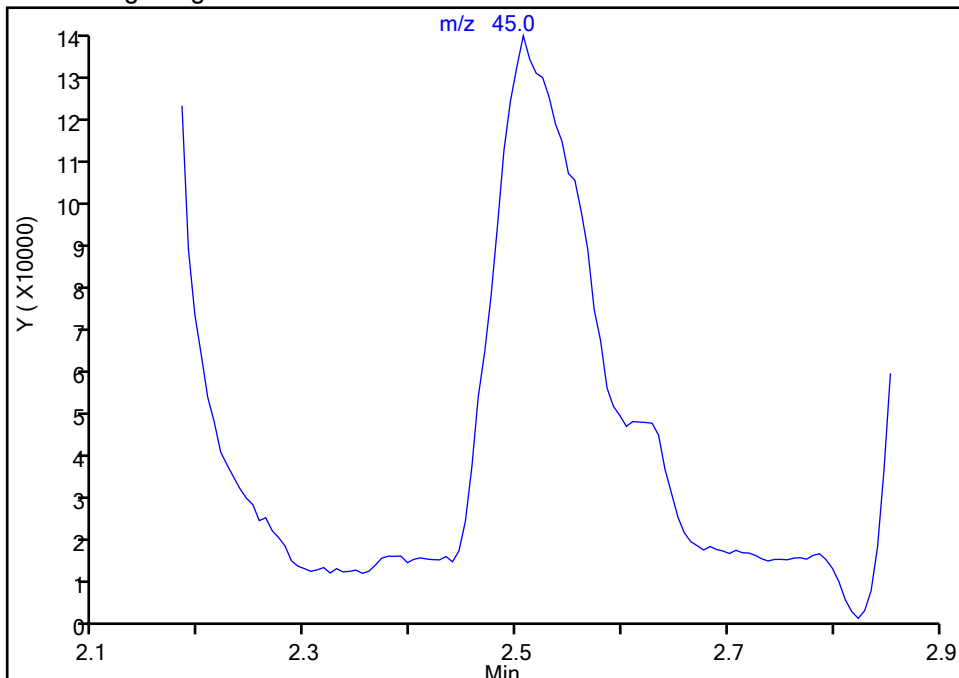
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

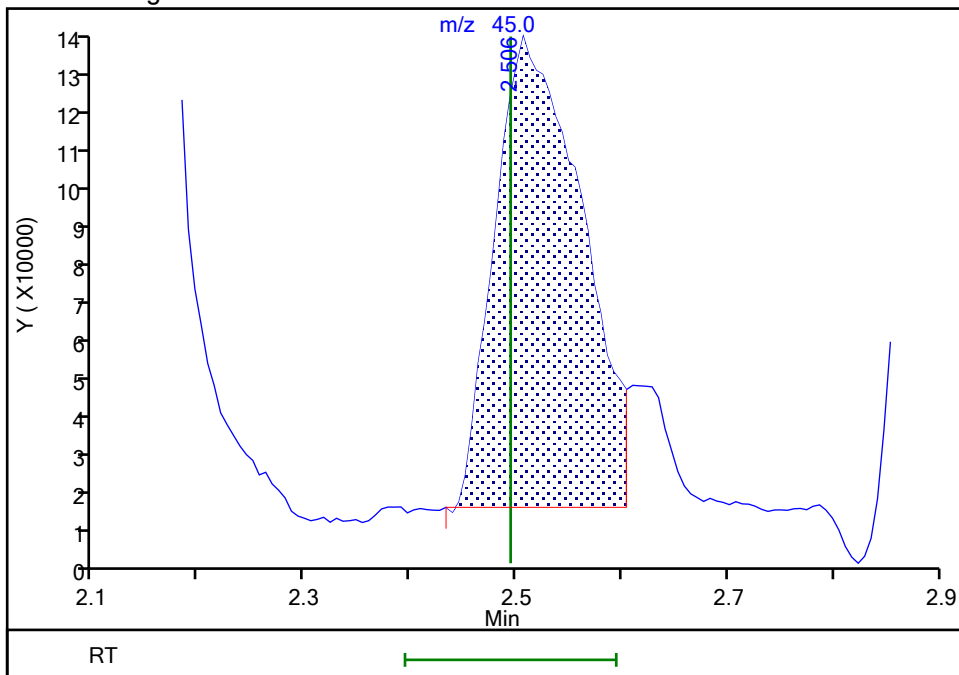
Not Detected

Expected RT: 2.49

## Processing Integration Results



## Manual Integration Results



RT: 2.51  
Area: 677818  
Amount: 5204.1067  
Amount Units: ug/l

Reviewer: boykink, 12-Jan-2022 01:44:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

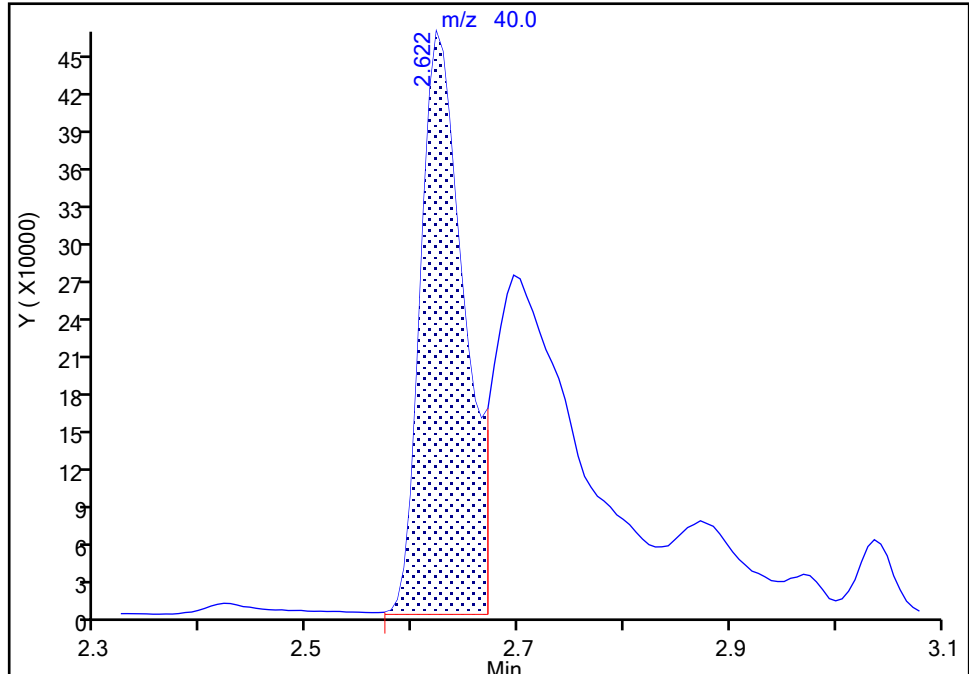
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

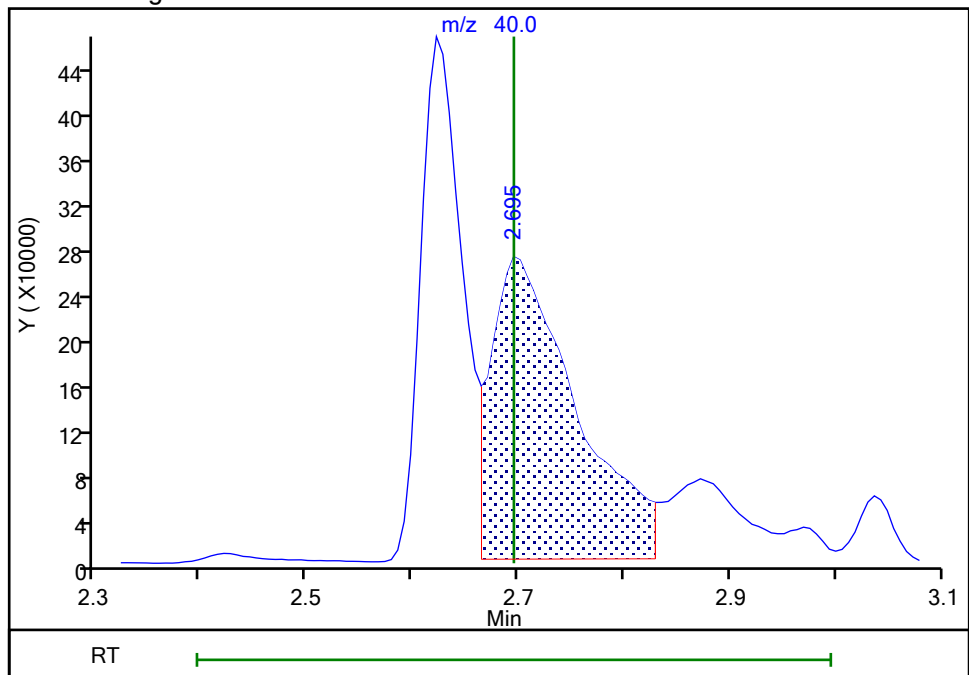
RT: 2.62  
Area: 1344111  
Amount: 5004.9217  
Amount Units: ug/l

## Processing Integration Results



RT: 2.70  
Area: 1507330  
Amount: 3167.1727  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:44:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

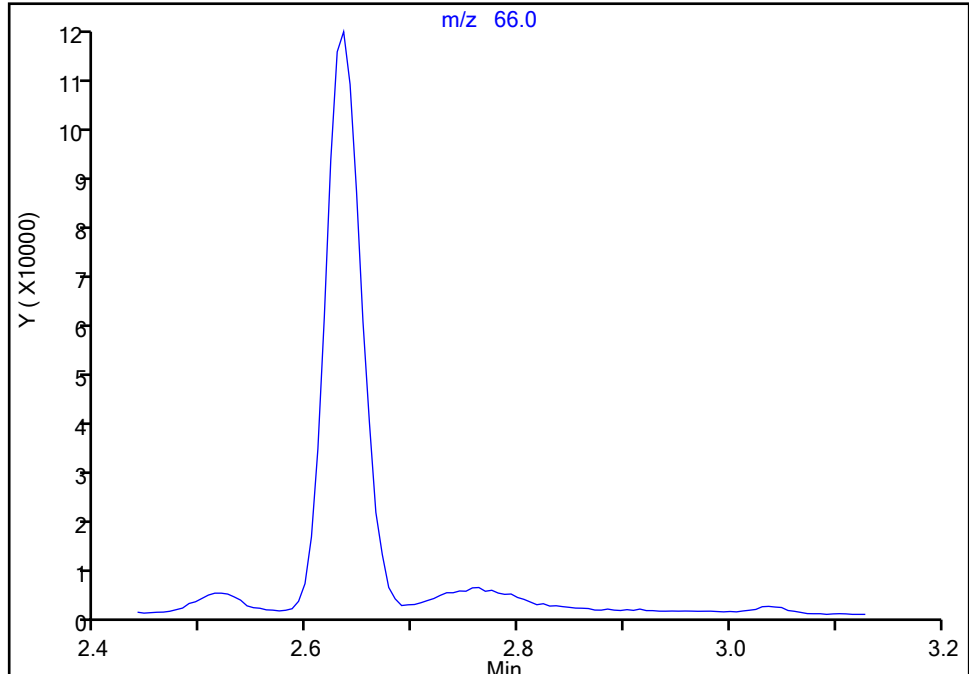
Detector: MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

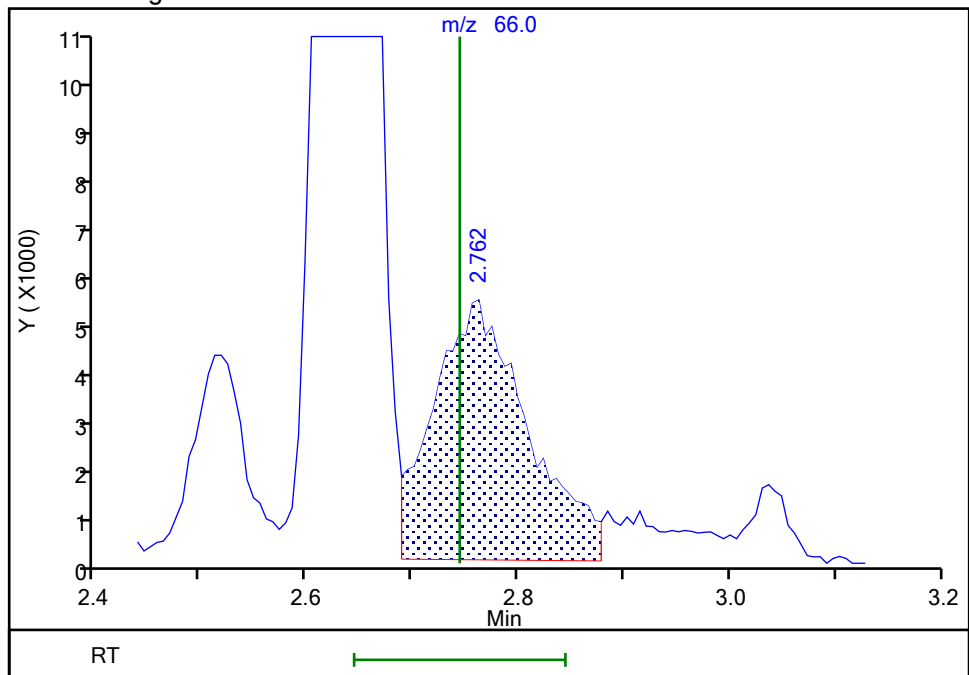
Signal: 1

Not Detected  
Expected RT: 2.74

## Processing Integration Results

RT: 2.76  
Area: 32420  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:43:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

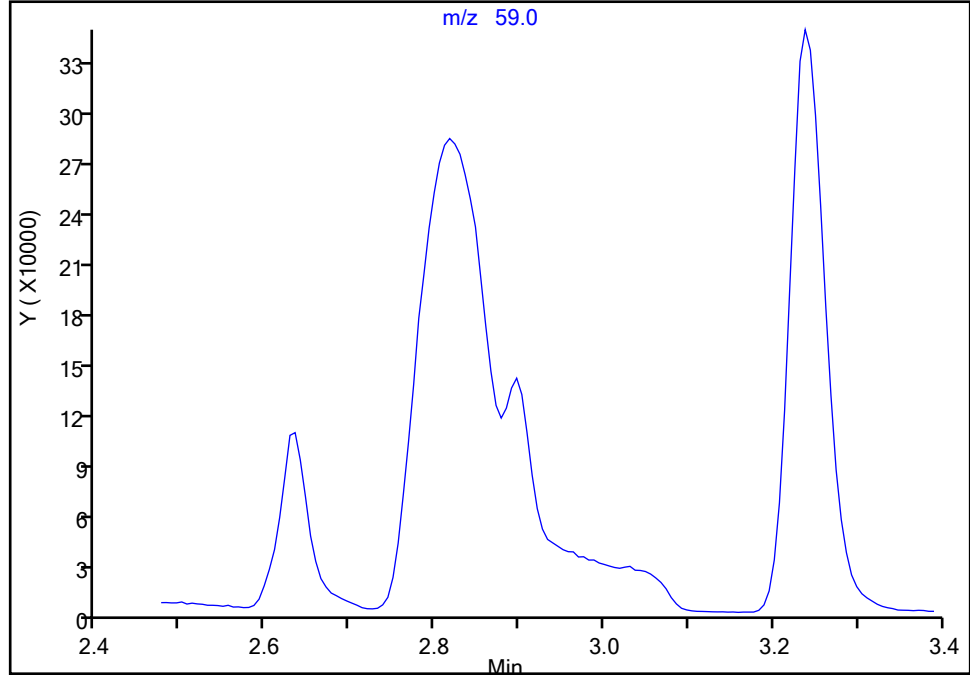
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

Not Detected

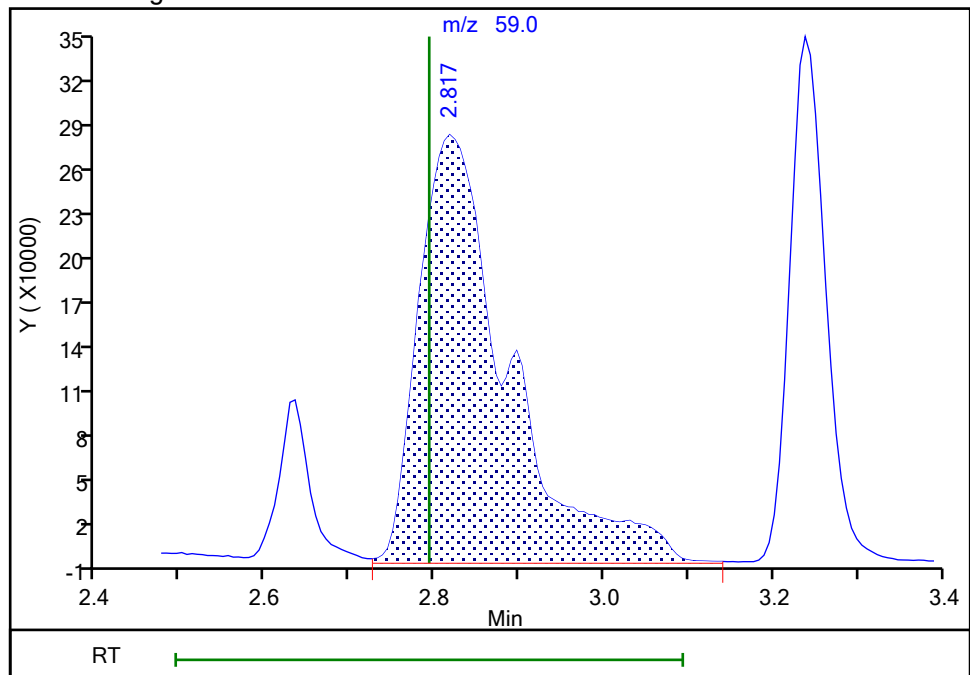
Expected RT: 2.79

## Processing Integration Results



RT: 2.82  
Area: 2067700  
Amount: 5561.9542  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:05:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

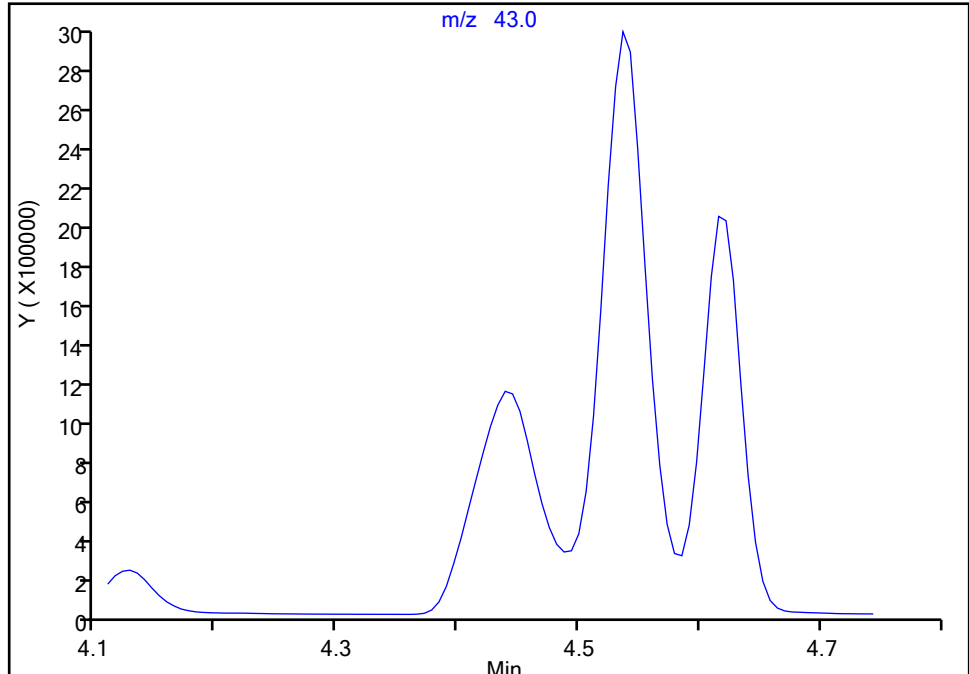
**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

Not Detected

Expected RT: 4.43

## Processing Integration Results



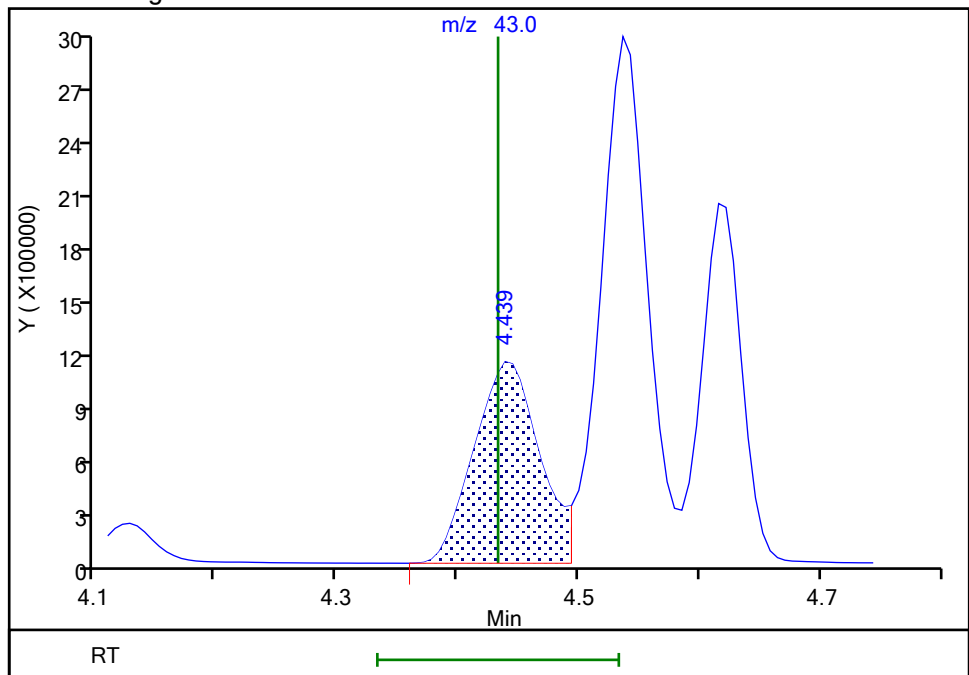
RT: 4.44

Area: 4345787

Amount: 14616

Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 12-Jan-2022 01:44:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D

Injection Date: 12-Jan-2022 01:26:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

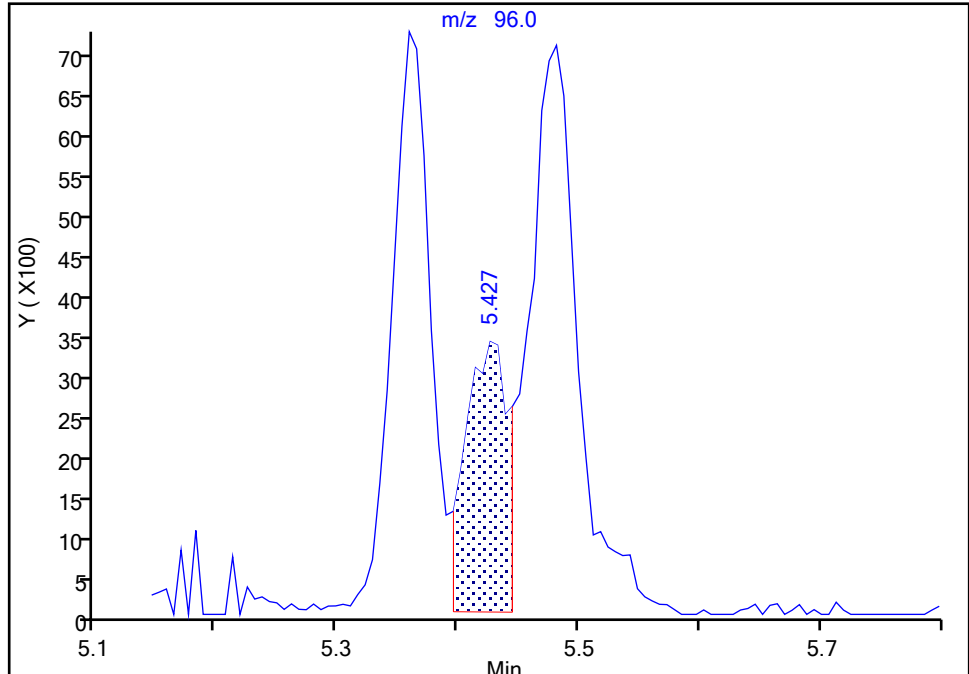
Detector: MS Quad

\* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

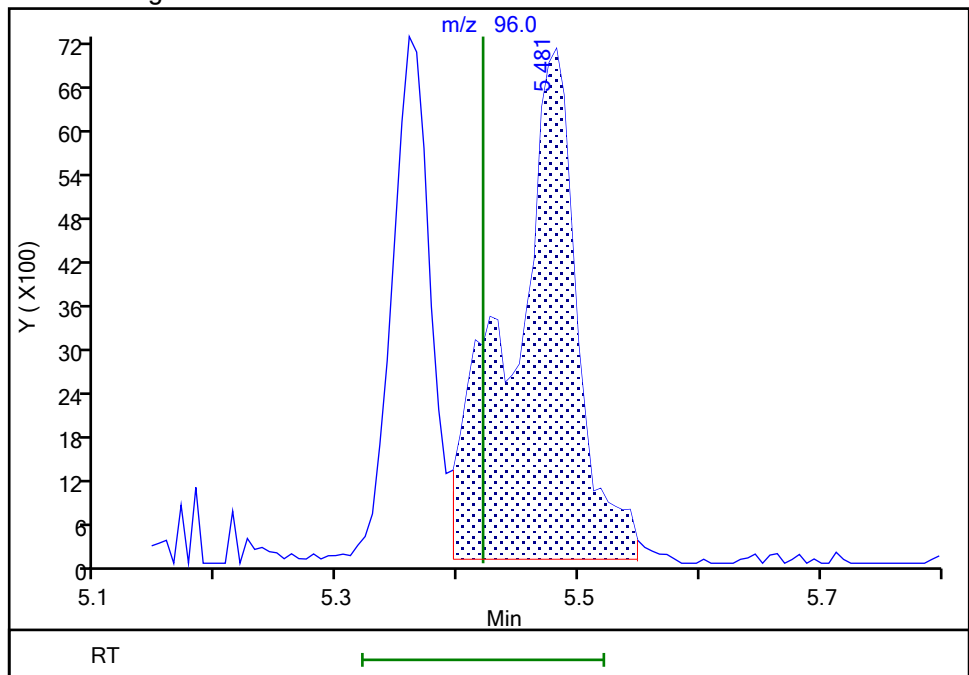
RT: 5.43  
Area: 8445  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 5.48  
Area: 27099  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: delpolitov, 12-Jan-2022 08:29:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

# Calibration

/ Chlorotrifluoroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

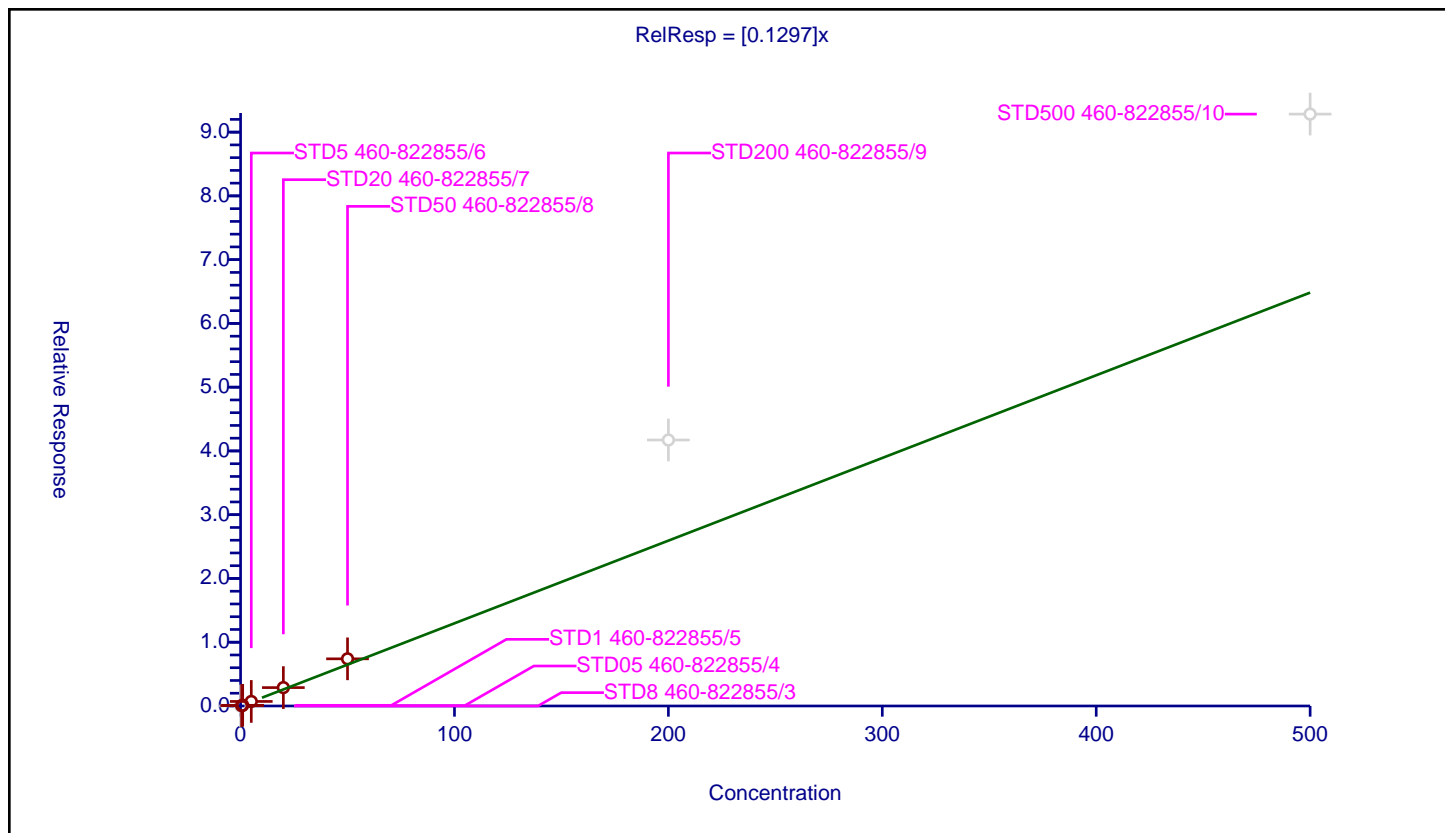
## Curve Coefficients

Intercept: 0  
 Slope: 0.1297

## Error Coefficients

Standard Error: 45100  
 Relative Standard Error: 16.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.05345	50.0	595885.0	0.1069	Y
3	STD1 460-822855/5	1.0	0.106628	50.0	553327.0	0.106628	Y
4	STD5 460-822855/6	5.0	0.713686	50.0	559980.0	0.142737	Y
5	STD20 460-822855/7	20.0	2.881845	50.0	559173.0	0.144092	Y
6	STD50 460-822855/8	50.0	7.398298	50.0	566583.0	0.147966	Y
7	STD200 460-822855/9	200.0	41.714623	50.0	541116.0	0.208573	N
8	STD500 460-822855/10	500.0	92.830134	50.0	592919.0	0.18566	N



# Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

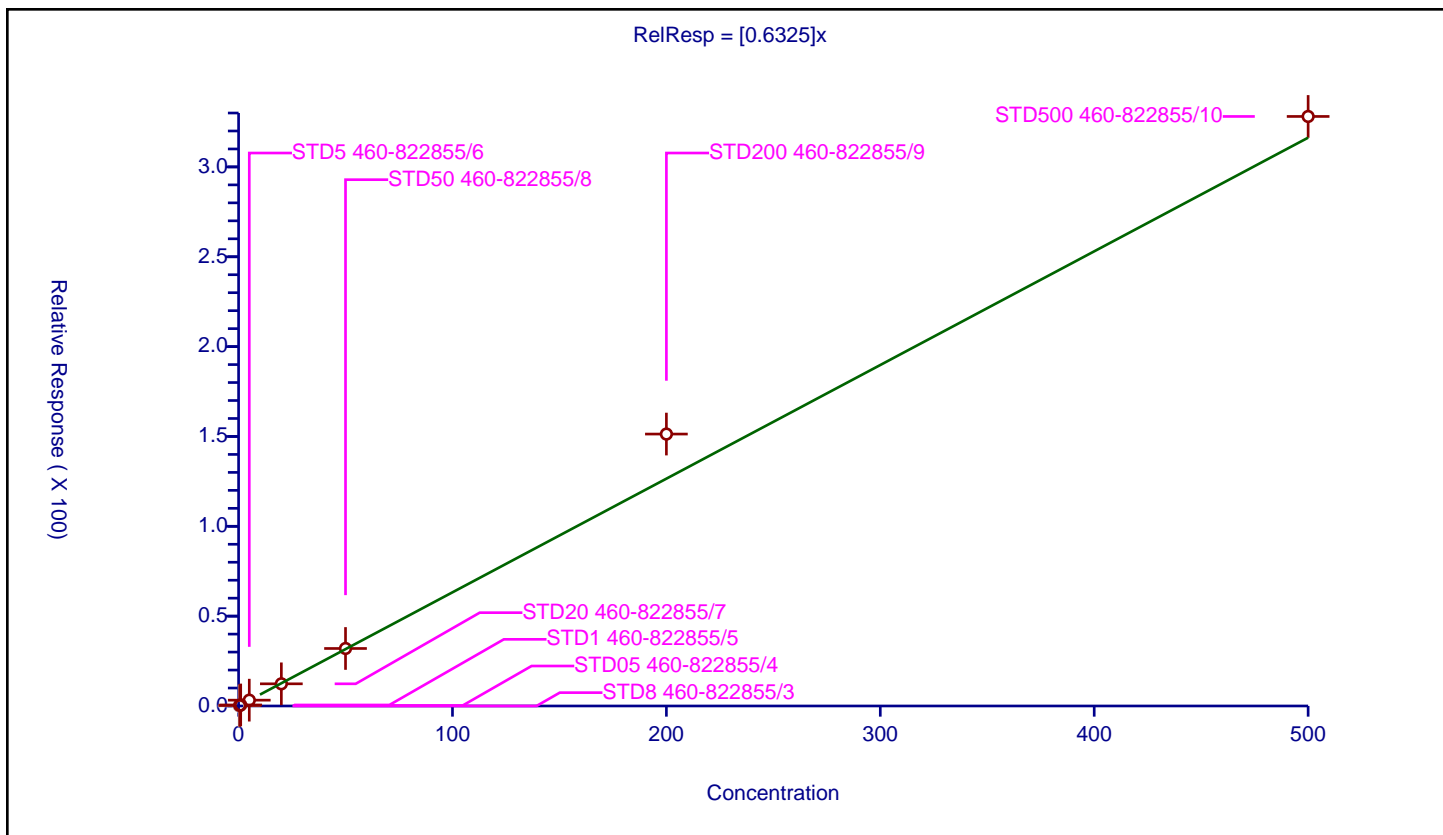
## Curve Coefficients

Intercept: 0  
 Slope: 0.6325

## Error Coefficients

Standard Error: 1730000  
 Relative Standard Error: 11.0  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.0	50.0	562193.0	0.0	N
2	STD05 460-822855/4	0.5	0.269935	50.0	595885.0	0.539869	Y
3	STD1 460-822855/5	1.0	0.570097	50.0	553327.0	0.570097	Y
4	STD5 460-822855/6	5.0	3.240473	50.0	559980.0	0.648095	Y
5	STD20 460-822855/7	20.0	12.337774	50.0	559173.0	0.616889	Y
6	STD50 460-822855/8	50.0	32.003343	50.0	566583.0	0.640067	Y
7	STD200 460-822855/9	200.0	151.329105	50.0	541116.0	0.756646	Y
8	STD500 460-822855/10	500.0	328.078456	50.0	592919.0	0.656157	Y





# Calibration

/ Chlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

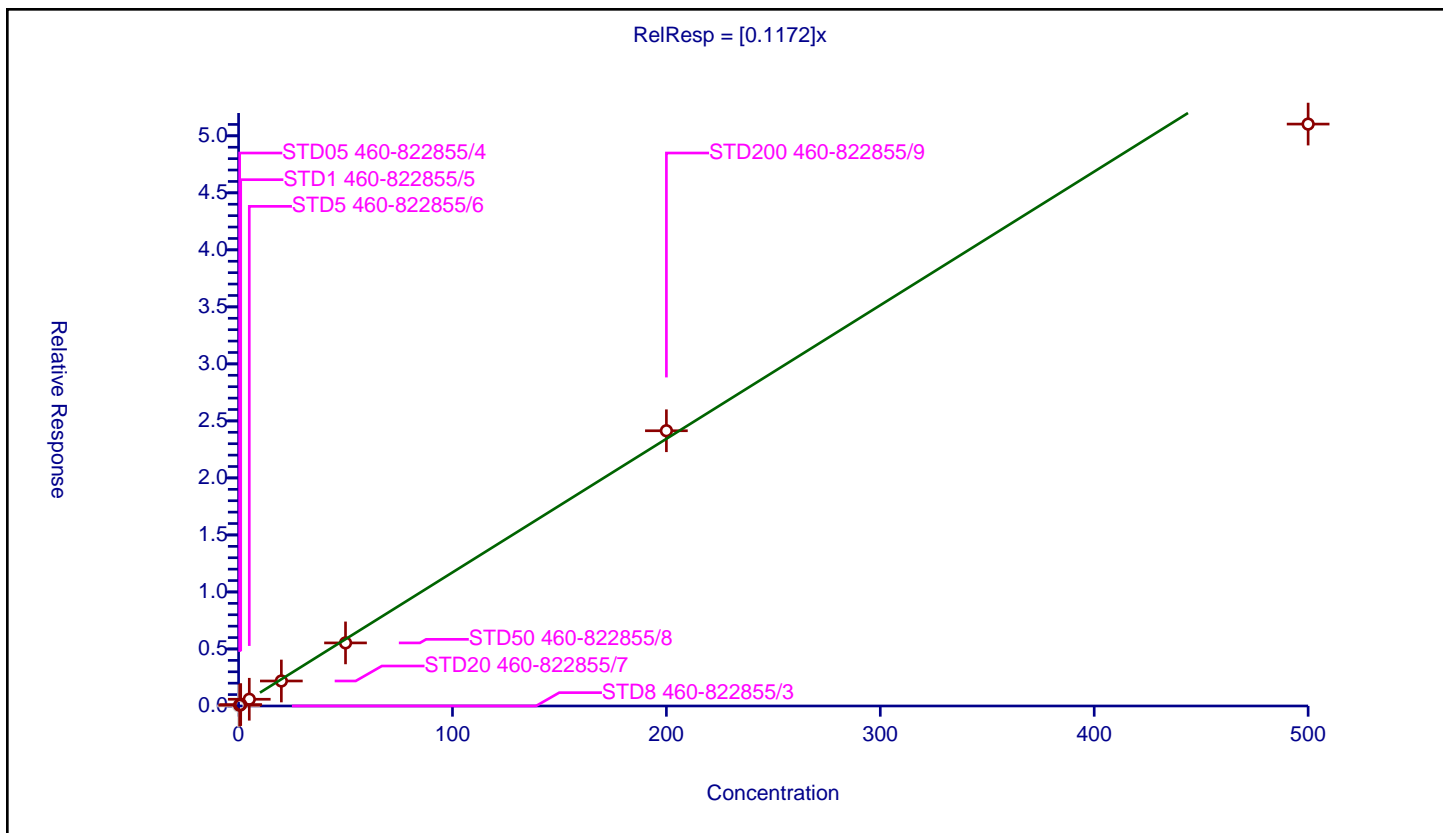
## Curve Coefficients

Intercept: 0  
 Slope: 0.1172

## Error Coefficients

Standard Error: 270000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.068553	50.0	595885.0	0.137107	Y
3	STD1 460-822855/5	1.0	0.12217	50.0	553327.0	0.12217	Y
4	STD5 460-822855/6	5.0	0.589396	50.0	559980.0	0.117879	Y
5	STD20 460-822855/7	20.0	2.191272	50.0	559173.0	0.109564	Y
6	STD50 460-822855/8	50.0	5.532376	50.0	566583.0	0.110648	Y
7	STD200 460-822855/9	200.0	24.136507	50.0	541116.0	0.120683	Y
8	STD500 460-822855/10	500.0	51.029567	50.0	592919.0	0.102059	Y



# Calibration

/ Chloromethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

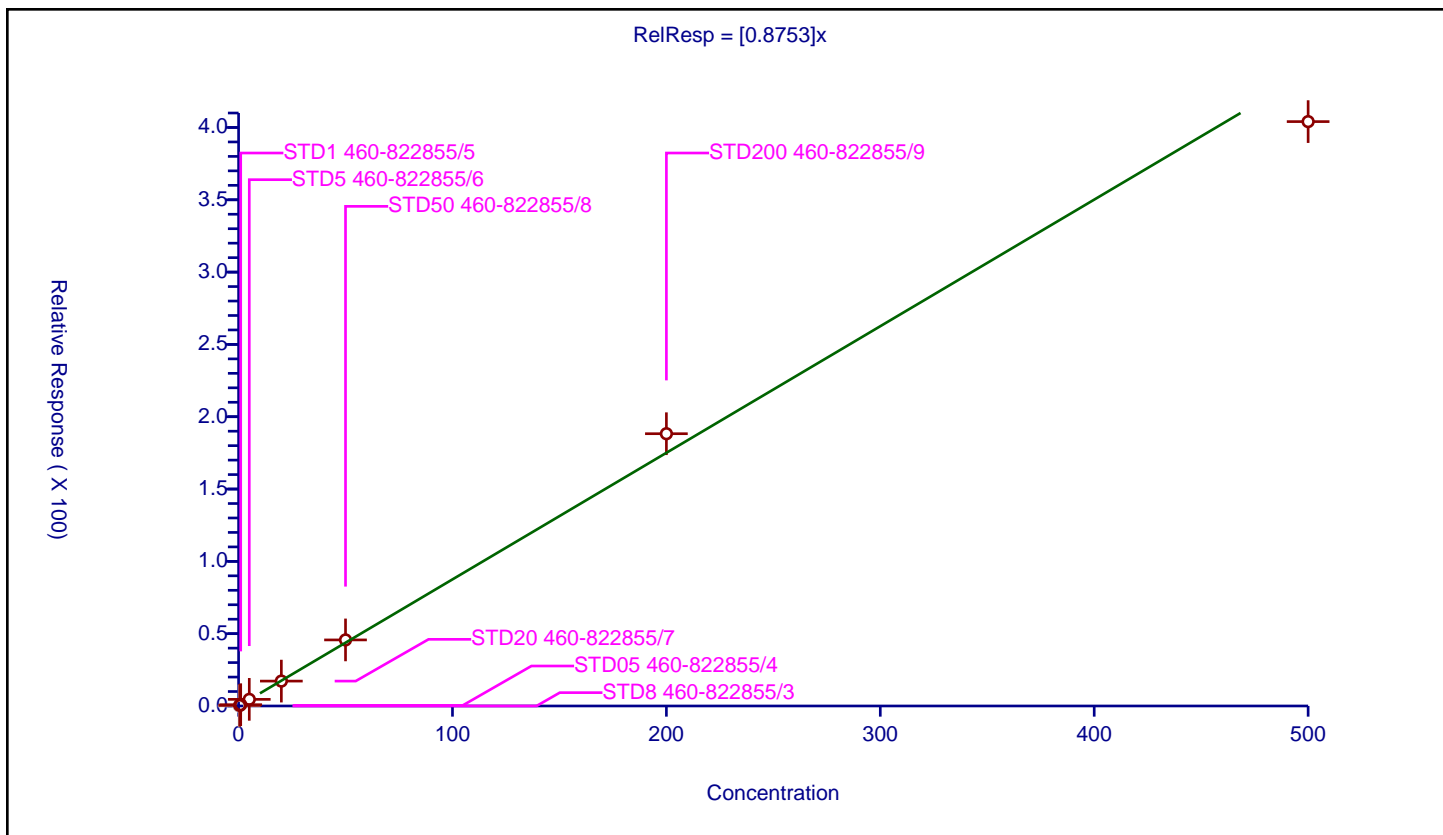
## Curve Coefficients

Intercept: 0  
Slope: 0.8753

## Error Coefficients

Standard Error: 2140000  
Relative Standard Error: 6.3  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.0	50.0	562193.0	0.0	N
2	STD05 460-822855/4	0.5	0.400077	50.0	595885.0	0.800154	Y
3	STD1 460-822855/5	1.0	0.885281	50.0	553327.0	0.885281	Y
4	STD5 460-822855/6	5.0	4.588021	50.0	559980.0	0.917604	Y
5	STD20 460-822855/7	20.0	17.21757	50.0	559173.0	0.860878	Y
6	STD50 460-822855/8	50.0	45.681127	50.0	566583.0	0.913623	Y
7	STD200 460-822855/9	200.0	188.25834	50.0	541116.0	0.941292	Y
8	STD500 460-822855/10	500.0	404.066829	50.0	592919.0	0.808134	Y



# Calibration

/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

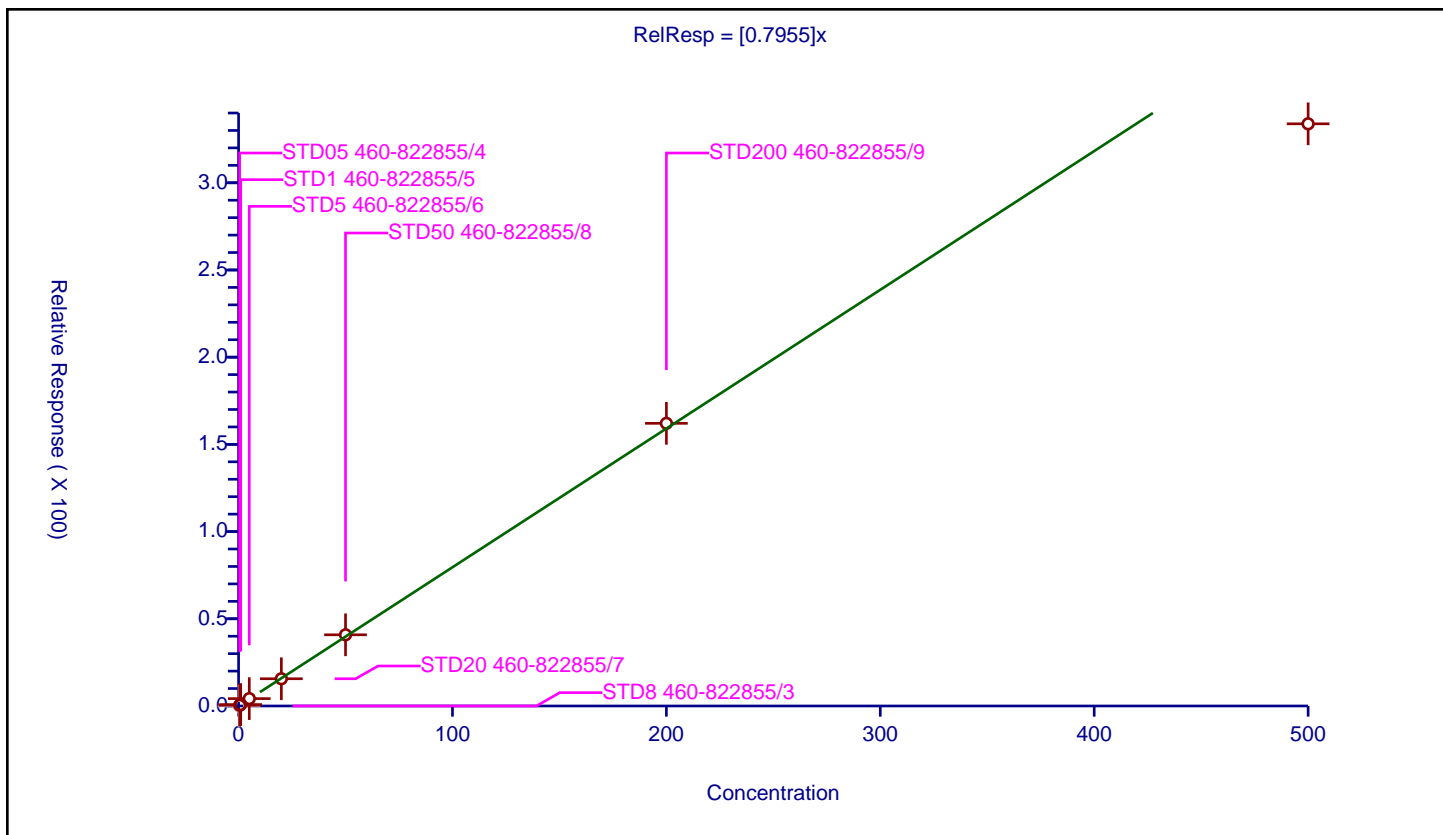
## Curve Coefficients

Intercept: 0  
 Slope: 0.7955

## Error Coefficients

Standard Error: 1780000  
 Relative Standard Error: 7.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.0	50.0	562193.0	0.0	N
2	STD05 460-822855/4	0.5	0.421893	50.0	595885.0	0.843787	Y
3	STD1 460-822855/5	1.0	0.803865	50.0	553327.0	0.803865	Y
4	STD5 460-822855/6	5.0	4.22774	50.0	559980.0	0.845548	Y
5	STD20 460-822855/7	20.0	15.611984	50.0	559173.0	0.780599	Y
6	STD50 460-822855/8	50.0	40.823498	50.0	566583.0	0.81647	Y
7	STD200 460-822855/9	200.0	162.072735	50.0	541116.0	0.810364	Y
8	STD500 460-822855/10	500.0	333.800232	50.0	592919.0	0.6676	Y



# Calibration

/ Butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

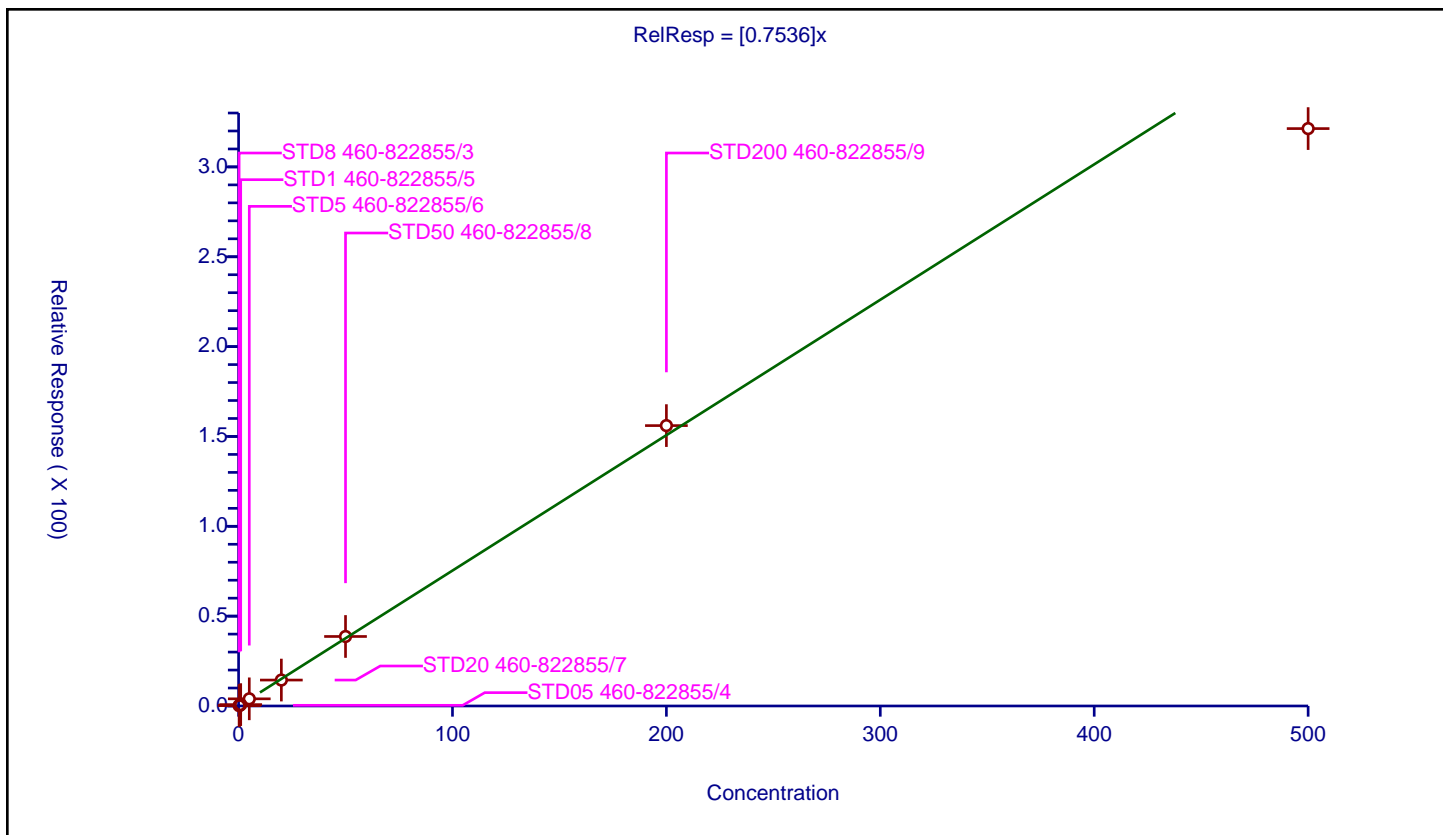
## Curve Coefficients

Intercept: 0  
 Slope: 0.7536

## Error Coefficients

Standard Error: 1590000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.198953	50.0	562193.0	0.795812	Y
2	STD05 460-822855/4	0.5	0.374485	50.0	595885.0	0.74897	Y
3	STD1 460-822855/5	1.0	0.767177	50.0	553327.0	0.767177	Y
4	STD5 460-822855/6	5.0	3.991571	50.0	559980.0	0.798314	Y
5	STD20 460-822855/7	20.0	14.431938	50.0	559173.0	0.721597	Y
6	STD50 460-822855/8	50.0	38.68833	50.0	566583.0	0.773767	Y
7	STD200 460-822855/9	200.0	156.036506	50.0	541116.0	0.780183	Y
8	STD500 460-822855/10	500.0	321.33057	50.0	592919.0	0.642661	Y



# Calibration

/ Bromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

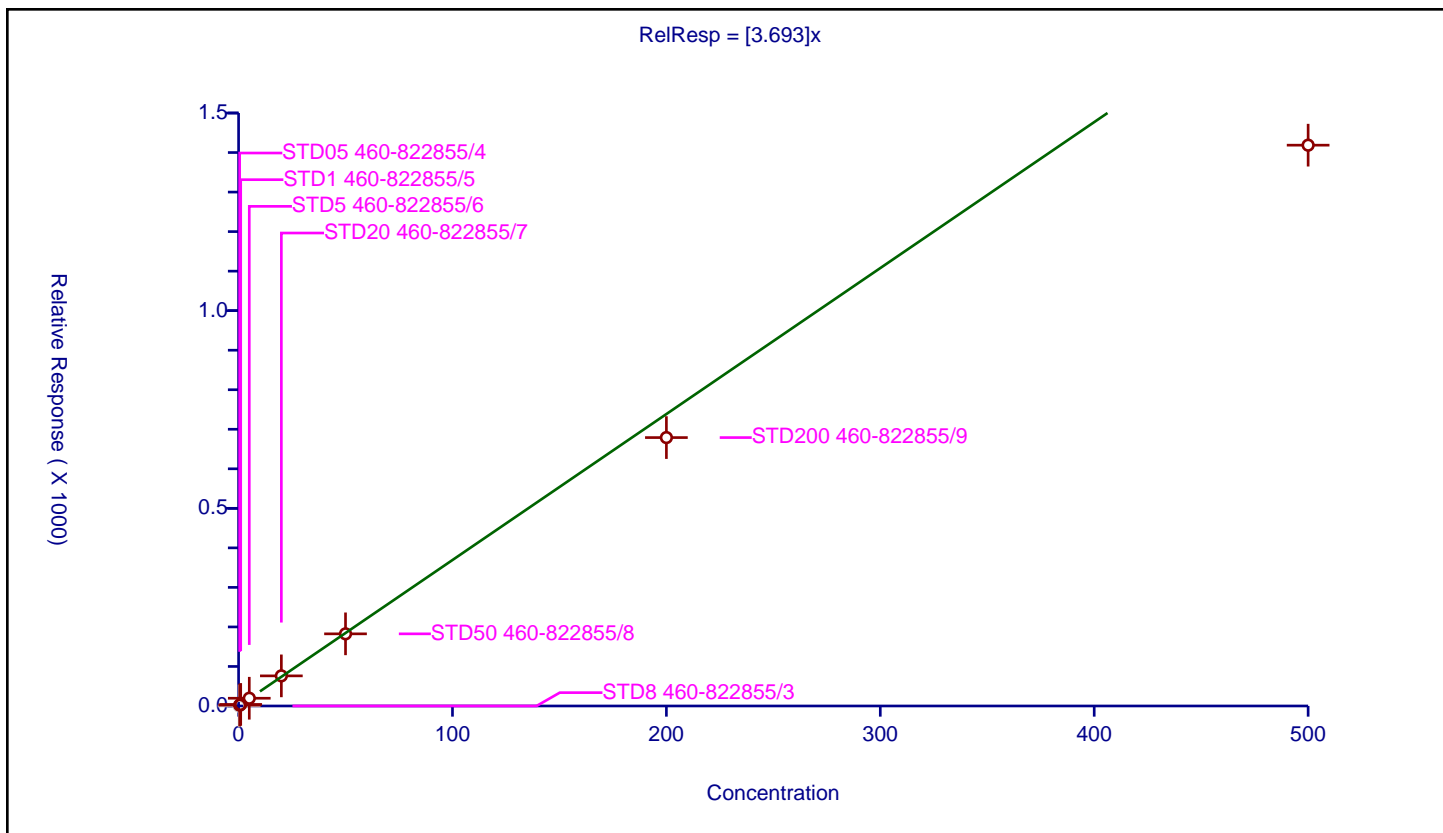
## Curve Coefficients

Intercept: 0  
 Slope: 3.693

## Error Coefficients

Standard Error: 1010000  
 Relative Standard Error: 12.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.0	250.0	321967.0	0.0	N
2	STD05 460-822855/4	0.5	2.169885	250.0	344834.0	4.339769	Y
3	STD1 460-822855/5	1.0	3.891104	250.0	328313.0	3.891104	Y
4	STD5 460-822855/6	5.0	19.619468	250.0	327226.0	3.923894	Y
5	STD20 460-822855/7	20.0	76.207923	250.0	323572.0	3.810396	Y
6	STD50 460-822855/8	50.0	182.521999	250.0	345809.0	3.65044	Y
7	STD200 460-822855/9	200.0	678.956771	250.0	352377.0	3.394784	Y
8	STD500 460-822855/10	500.0	1418.644987	250.0	398107.0	2.83729	Y



# Calibration

/ Chloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

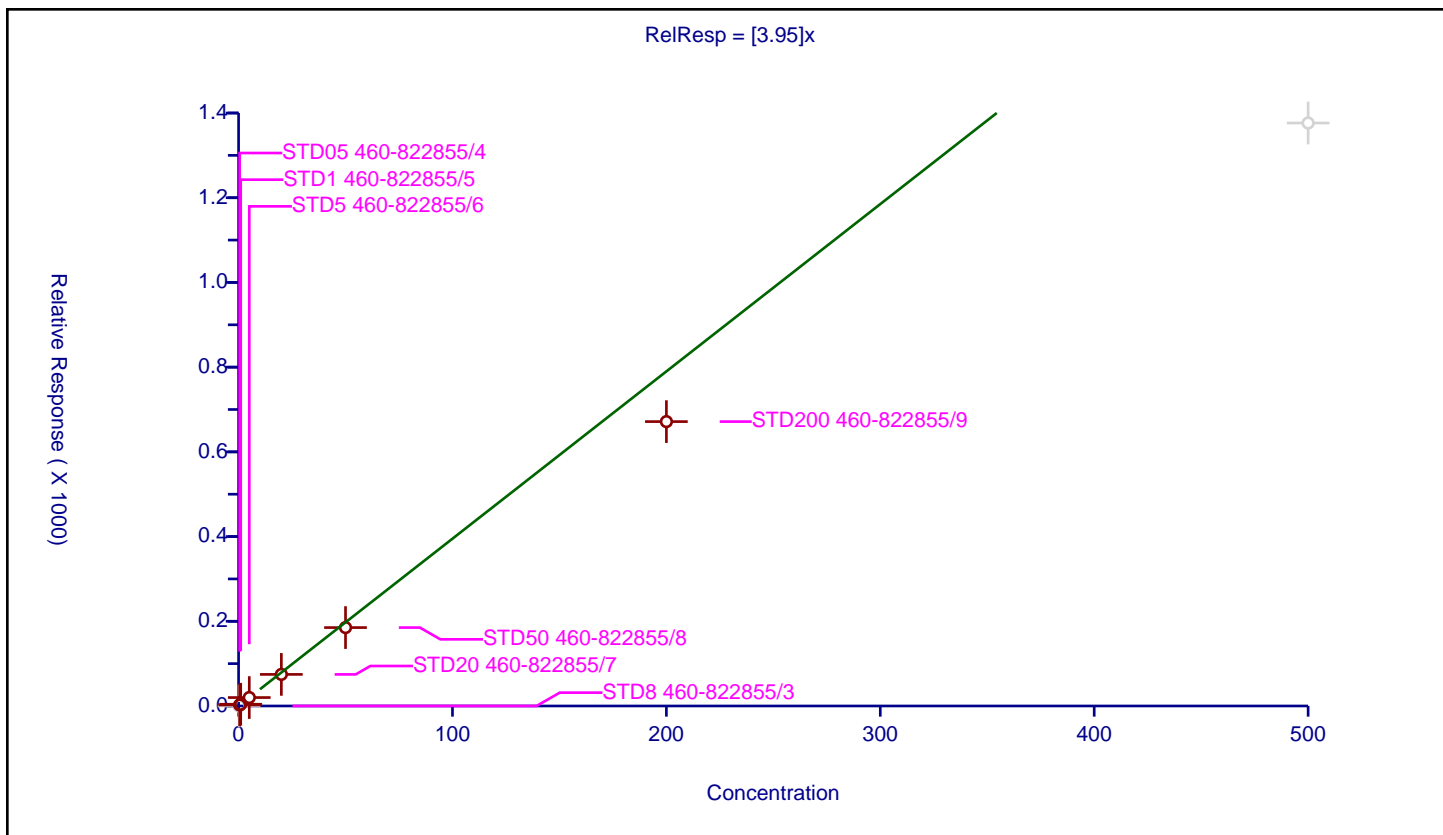
## Curve Coefficients

Intercept: 0  
 Slope: 3.95

## Error Coefficients

Standard Error: 440000  
 Relative Standard Error: 12.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.0	250.0	321967.0	0.0	N
2	STD05 460-822855/4	0.5	2.41493	250.0	344834.0	4.82986	Y
3	STD1 460-822855/5	1.0	4.092893	250.0	328313.0	4.092893	Y
4	STD5 460-822855/6	5.0	19.937291	250.0	327226.0	3.987458	Y
5	STD20 460-822855/7	20.0	74.60627	250.0	323572.0	3.730314	Y
6	STD50 460-822855/8	50.0	185.115917	250.0	345809.0	3.702318	Y
7	STD200 460-822855/9	200.0	671.403781	250.0	352377.0	3.357019	Y
8	STD500 460-822855/10	500.0	1376.410739	250.0	398107.0	2.752821	N



# Calibration

/ Dichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

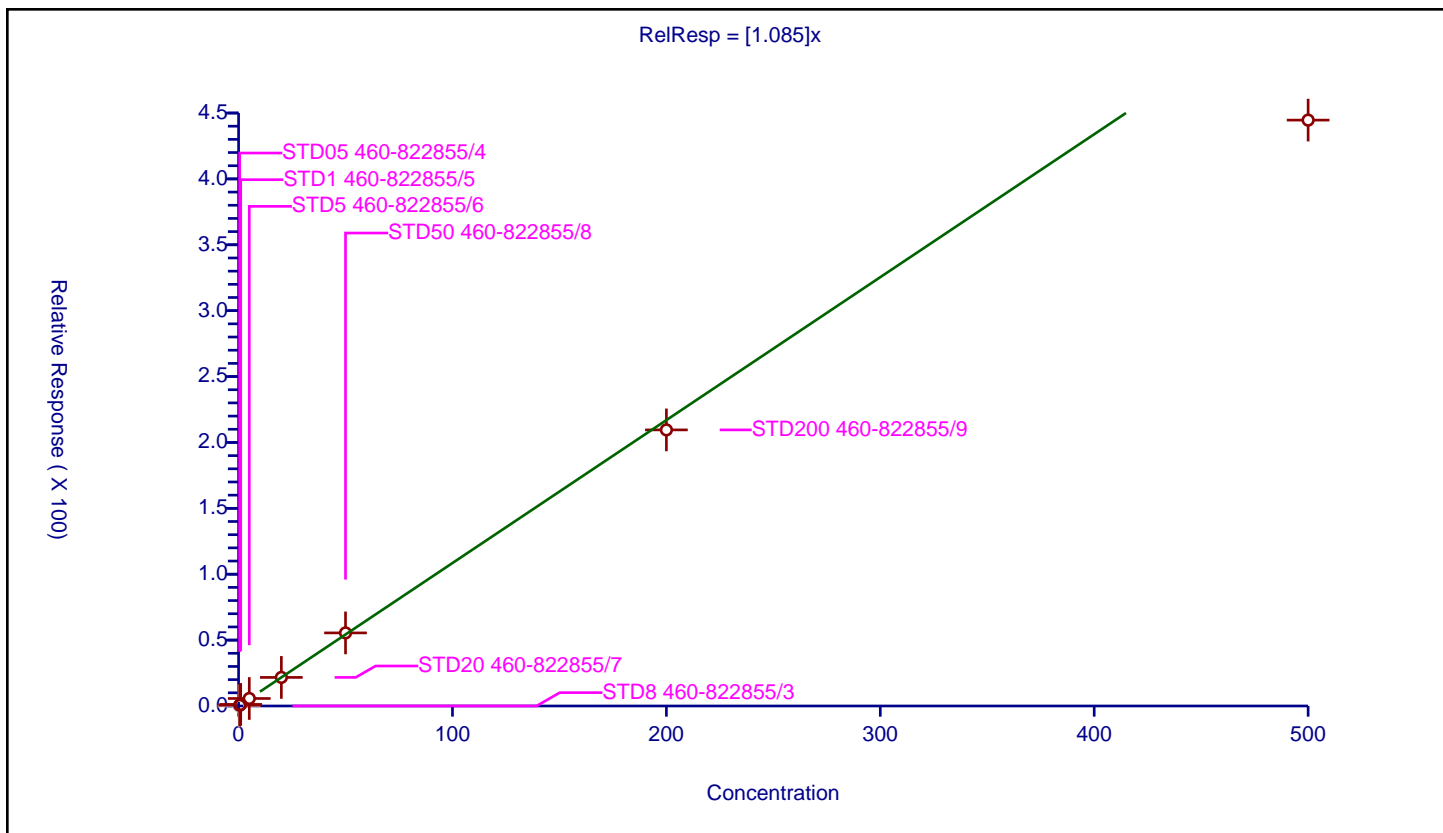
## Curve Coefficients

Intercept: 0  
 Slope: 1.085

## Error Coefficients

Standard Error: 2360000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.0	50.0	562193.0	0.0	N
2	STD05 460-822855/4	0.5	0.570244	50.0	595885.0	1.140489	Y
3	STD1 460-822855/5	1.0	1.181851	50.0	553327.0	1.181851	Y
4	STD5 460-822855/6	5.0	5.702079	50.0	559980.0	1.140416	Y
5	STD20 460-822855/7	20.0	21.691945	50.0	559173.0	1.084597	Y
6	STD50 460-822855/8	50.0	55.453746	50.0	566583.0	1.109075	Y
7	STD200 460-822855/9	200.0	209.517553	50.0	541116.0	1.047588	Y
8	STD500 460-822855/10	500.0	444.617815	50.0	592919.0	0.889236	Y



# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

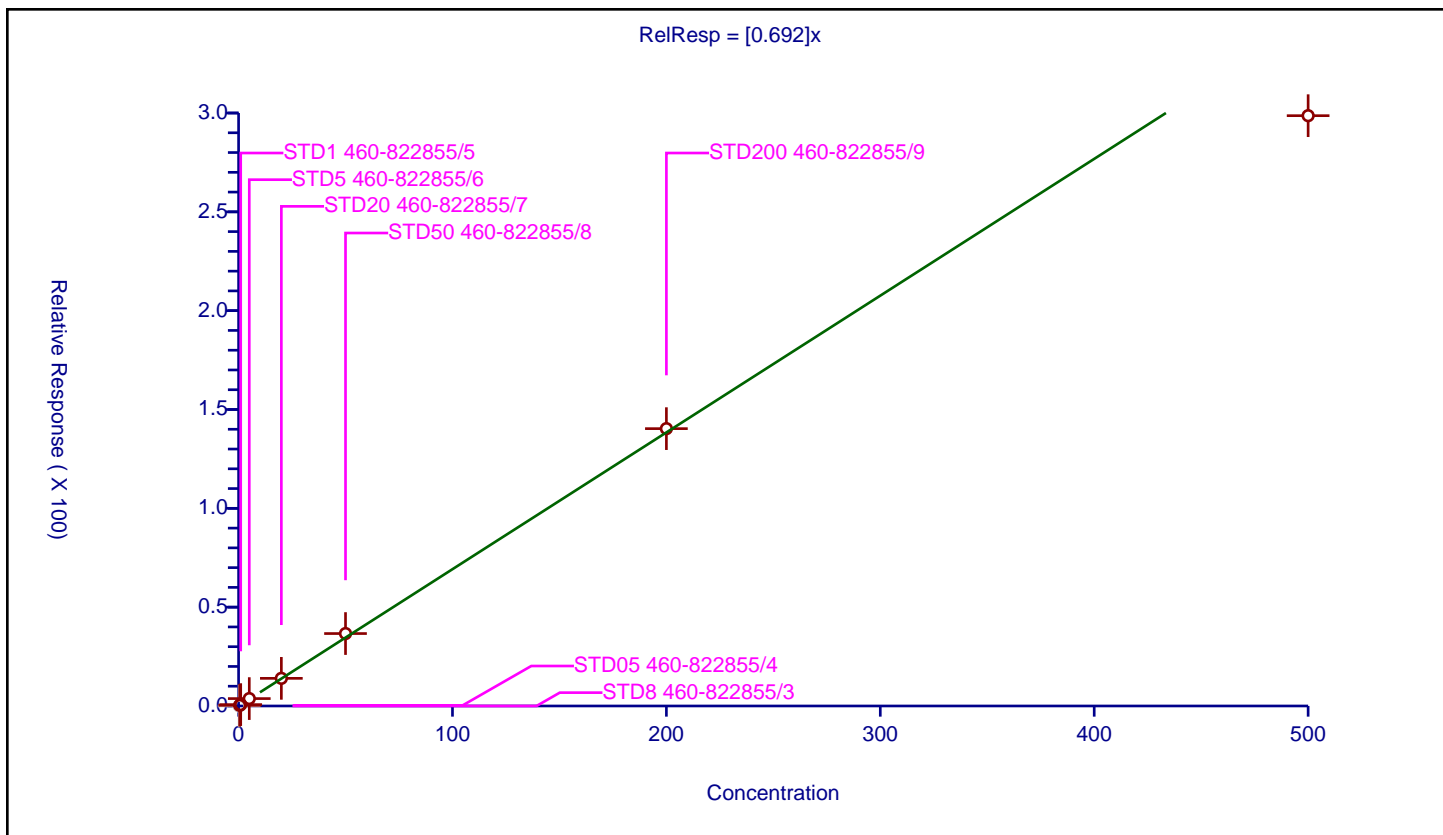
## Curve Coefficients

Intercept: 0  
 Slope: 0.692

## Error Coefficients

Standard Error: 1580000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.25	0.0	50.0	562193.0	0.0	N
2	STD05 460-822855/4	0.5	0.332447	50.0	595885.0	0.664893	Y
3	STD1 460-822855/5	1.0	0.698592	50.0	553327.0	0.698592	Y
4	STD5 460-822855/6	5.0	3.747366	50.0	559980.0	0.749473	Y
5	STD20 460-822855/7	20.0	13.98467	50.0	559173.0	0.699234	Y
6	STD50 460-822855/8	50.0	36.645381	50.0	566583.0	0.732908	Y
7	STD200 460-822855/9	200.0	140.319821	50.0	541116.0	0.701599	Y
8	STD500 460-822855/10	500.0	298.655044	50.0	592919.0	0.59731	Y





# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

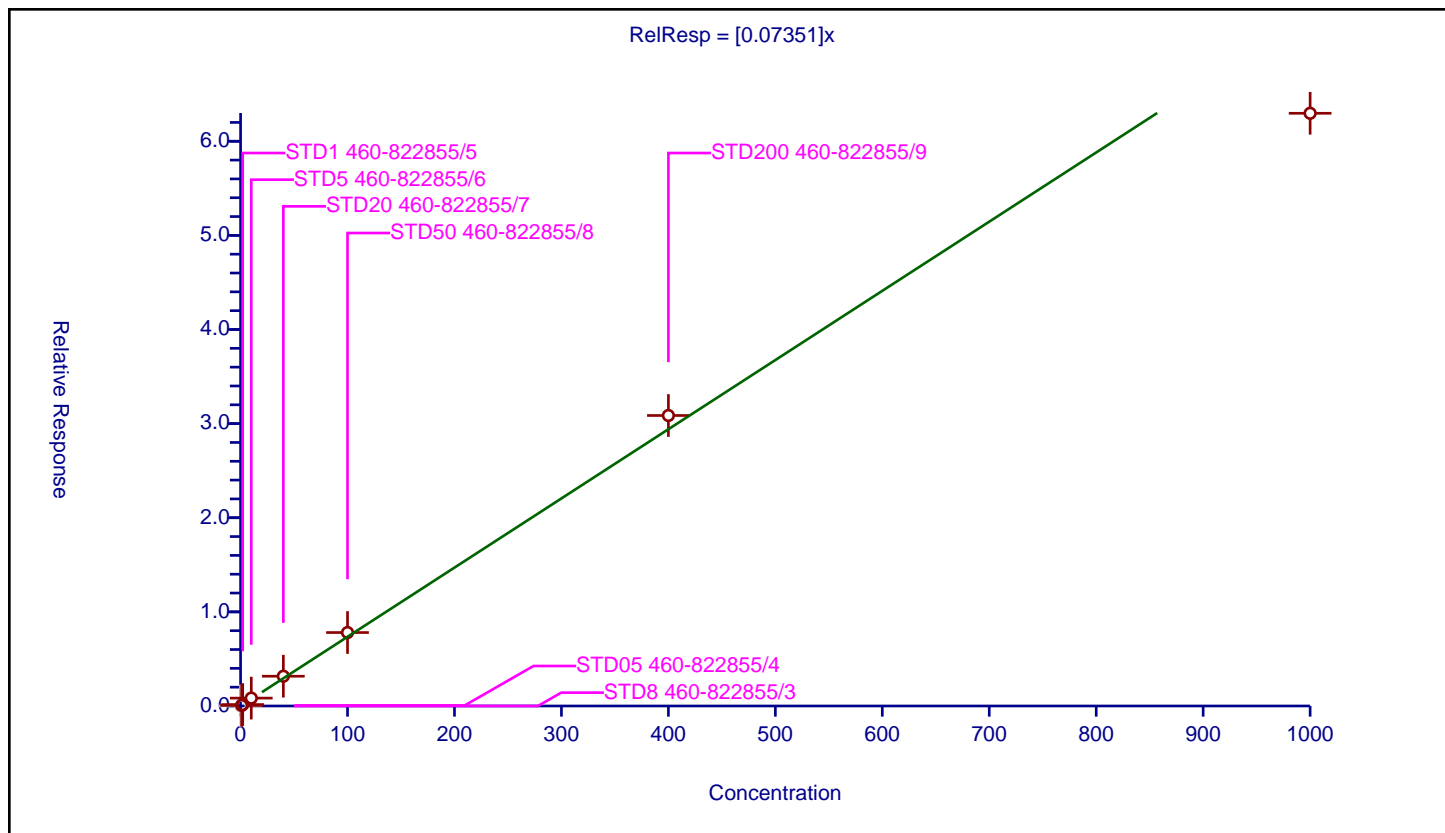
## Curve Coefficients

Intercept: 0  
 Slope: 0.07351

## Error Coefficients

Standard Error: 336000  
 Relative Standard Error: 12.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	1.0	0.057645	50.0	595885.0	0.057645	Y
3	STD1 460-822855/5	2.0	0.151628	50.0	553327.0	0.075814	Y
4	STD5 460-822855/6	10.0	0.838423	50.0	559980.0	0.083842	Y
5	STD20 460-822855/7	40.0	3.163332	50.0	559173.0	0.079083	Y
6	STD50 460-822855/8	100.0	7.803799	50.0	566583.0	0.078038	Y
7	STD200 460-822855/9	400.0	30.864547	50.0	541116.0	0.077161	Y
8	STD500 460-822855/10	1000.0	62.971502	50.0	592919.0	0.062972	Y



# Calibration

/ Ethanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

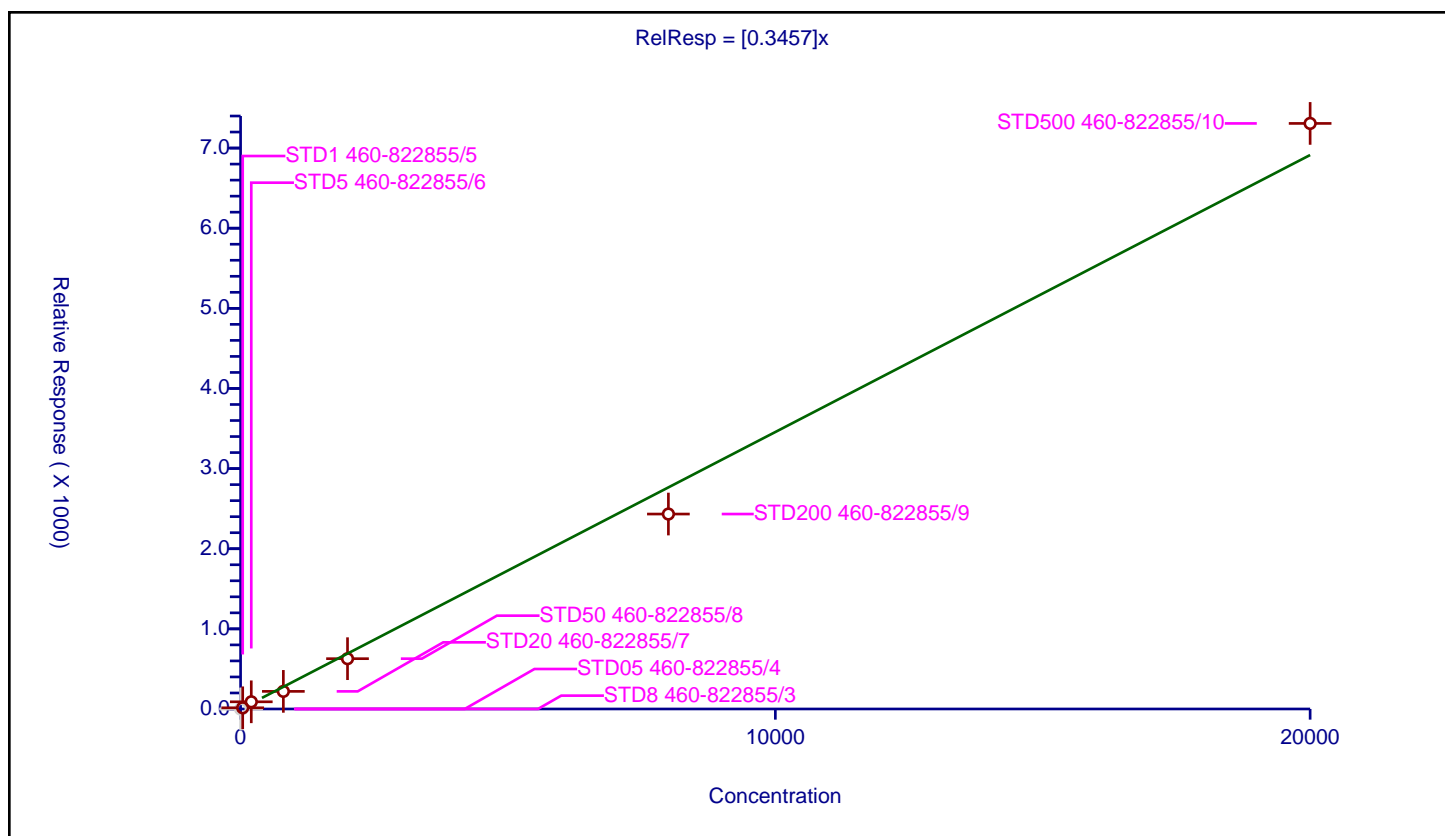
## Curve Coefficients

Intercept: 0  
 Slope: 0.3457

## Error Coefficients

Standard Error: 108000  
 Relative Standard Error: 18.0  
 Correlation Coefficient: 0.992  
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	1000.0	35501.0	NaN	N
2	STD05 460-822855/4	20.0	0.0	1000.0	37116.0	0.0	N
3	STD1 460-822855/5	40.0	14.684466	1000.0	32960.0	0.367112	Y
4	STD5 460-822855/6	200.0	89.774332	1000.0	30443.0	0.448872	Y
5	STD20 460-822855/7	800.0	219.678368	1000.0	28915.0	0.274598	Y
6	STD50 460-822855/8	2000.0	627.799868	1000.0	34957.0	0.3139	Y
7	STD200 460-822855/9	8000.0	2432.93427	1000.0	30321.0	0.304117	Y
8	STD500 460-822855/10	20000.0	7307.341147	1000.0	32420.0	0.365367	Y



# Calibration

/ Ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

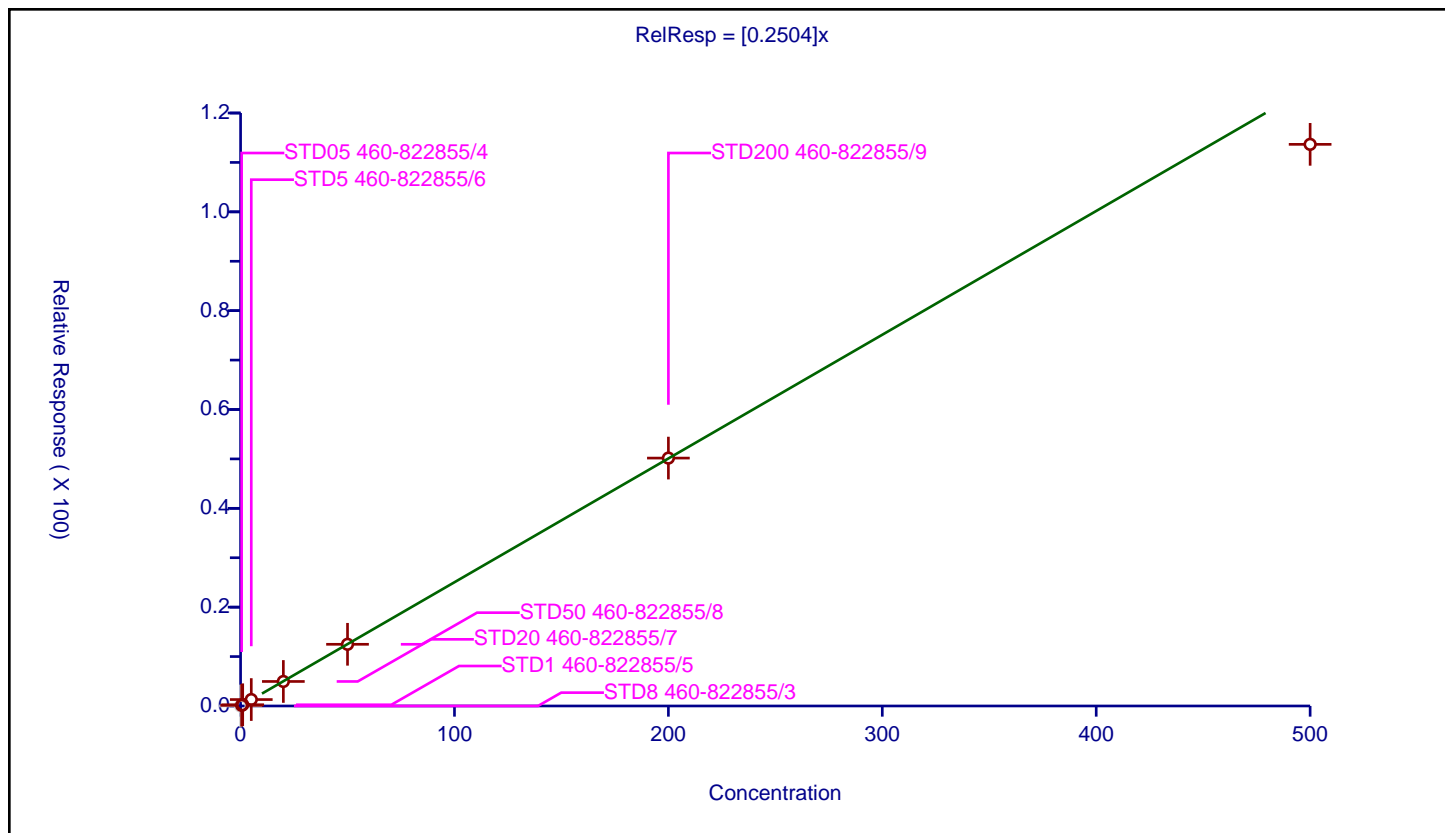
## Curve Coefficients

Intercept: 0  
 Slope: 0.2504

## Error Coefficients

Standard Error: 596000  
 Relative Standard Error: 4.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.133331	50.0	595885.0	0.266662	Y
3	STD1 460-822855/5	1.0	0.249852	50.0	553327.0	0.249852	Y
4	STD5 460-822855/6	5.0	1.30335	50.0	559980.0	0.26067	Y
5	STD20 460-822855/7	20.0	4.960451	50.0	559173.0	0.248023	Y
6	STD50 460-822855/8	50.0	12.483255	50.0	566583.0	0.249665	Y
7	STD200 460-822855/9	200.0	50.167062	50.0	541116.0	0.250835	Y
8	STD500 460-822855/10	500.0	113.660635	50.0	592919.0	0.227321	Y



# Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

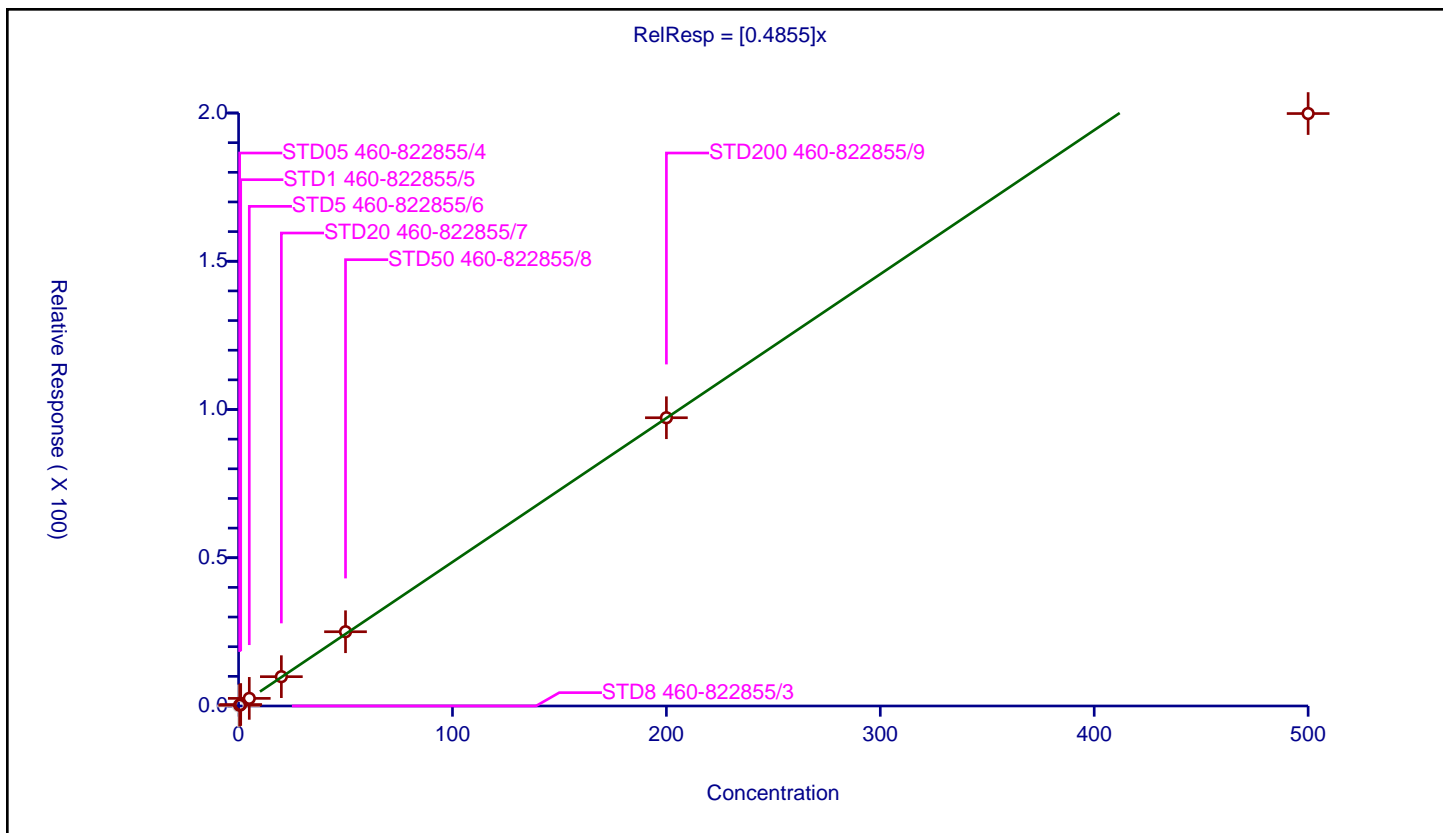
## Curve Coefficients

Intercept: 0  
 Slope: 0.4855

## Error Coefficients

Standard Error: 1070000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.258607	50.0	595885.0	0.517214	Y
3	STD1 460-822855/5	1.0	0.486692	50.0	553327.0	0.486692	Y
4	STD5 460-822855/6	5.0	2.56902	50.0	559980.0	0.513804	Y
5	STD20 460-822855/7	20.0	9.886743	50.0	559173.0	0.494337	Y
6	STD50 460-822855/8	50.0	25.046022	50.0	566583.0	0.50092	Y
7	STD200 460-822855/9	200.0	97.223608	50.0	541116.0	0.486118	Y
8	STD500 460-822855/10	500.0	199.823332	50.0	592919.0	0.399647	Y



# Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

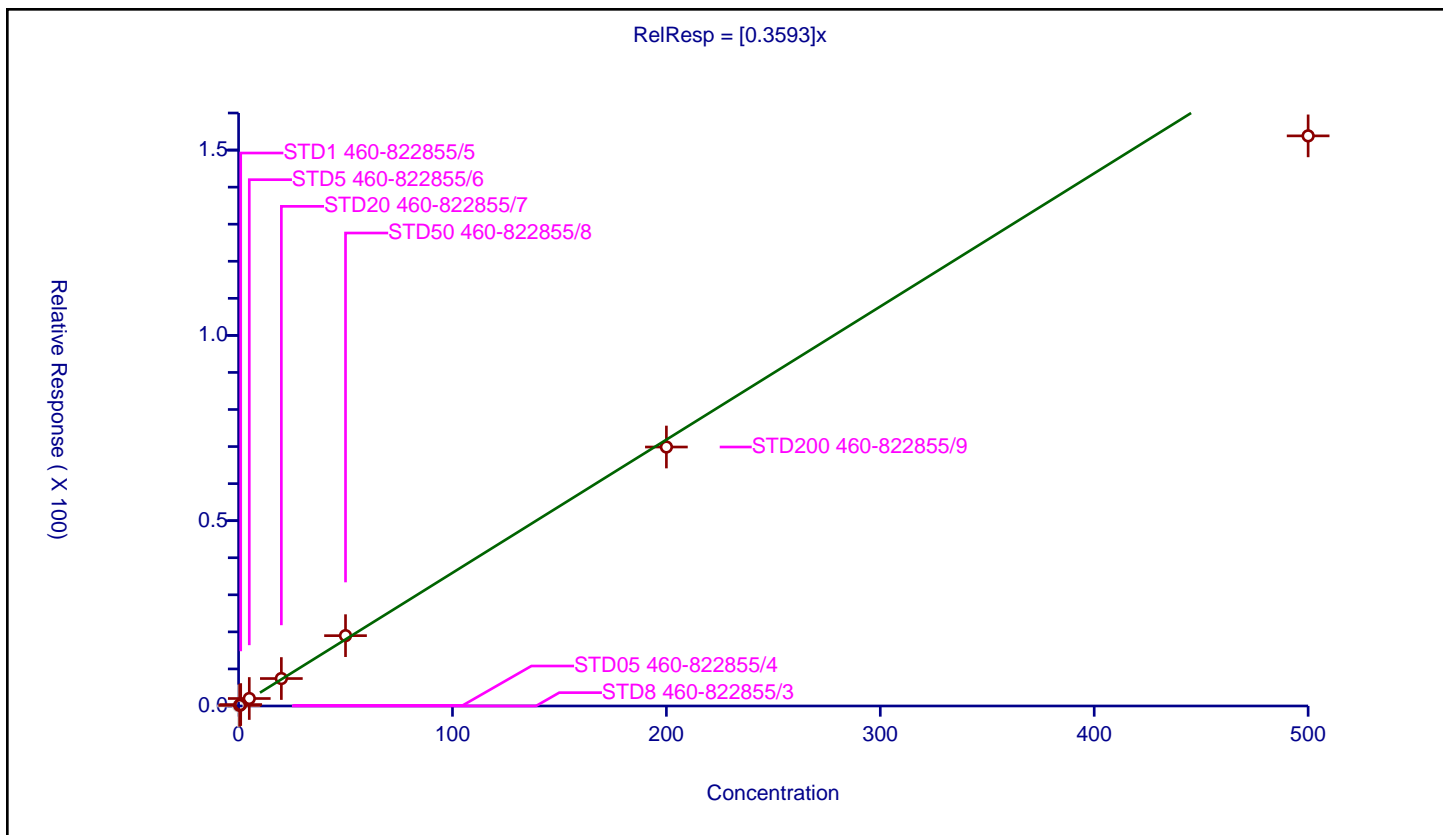
## Curve Coefficients

Intercept: 0  
 Slope: 0.3593

## Error Coefficients

Standard Error: 812000  
 Relative Standard Error: 9.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.159762	50.0	595885.0	0.319525	Y
3	STD1 460-822855/5	1.0	0.384131	50.0	553327.0	0.384131	Y
4	STD5 460-822855/6	5.0	2.02159	50.0	559980.0	0.404318	Y
5	STD20 460-822855/7	20.0	7.410676	50.0	559173.0	0.370534	Y
6	STD50 460-822855/8	50.0	18.980096	50.0	566583.0	0.379602	Y
7	STD200 460-822855/9	200.0	69.880765	50.0	541116.0	0.349404	Y
8	STD500 460-822855/10	500.0	153.830034	50.0	592919.0	0.30766	Y



# Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

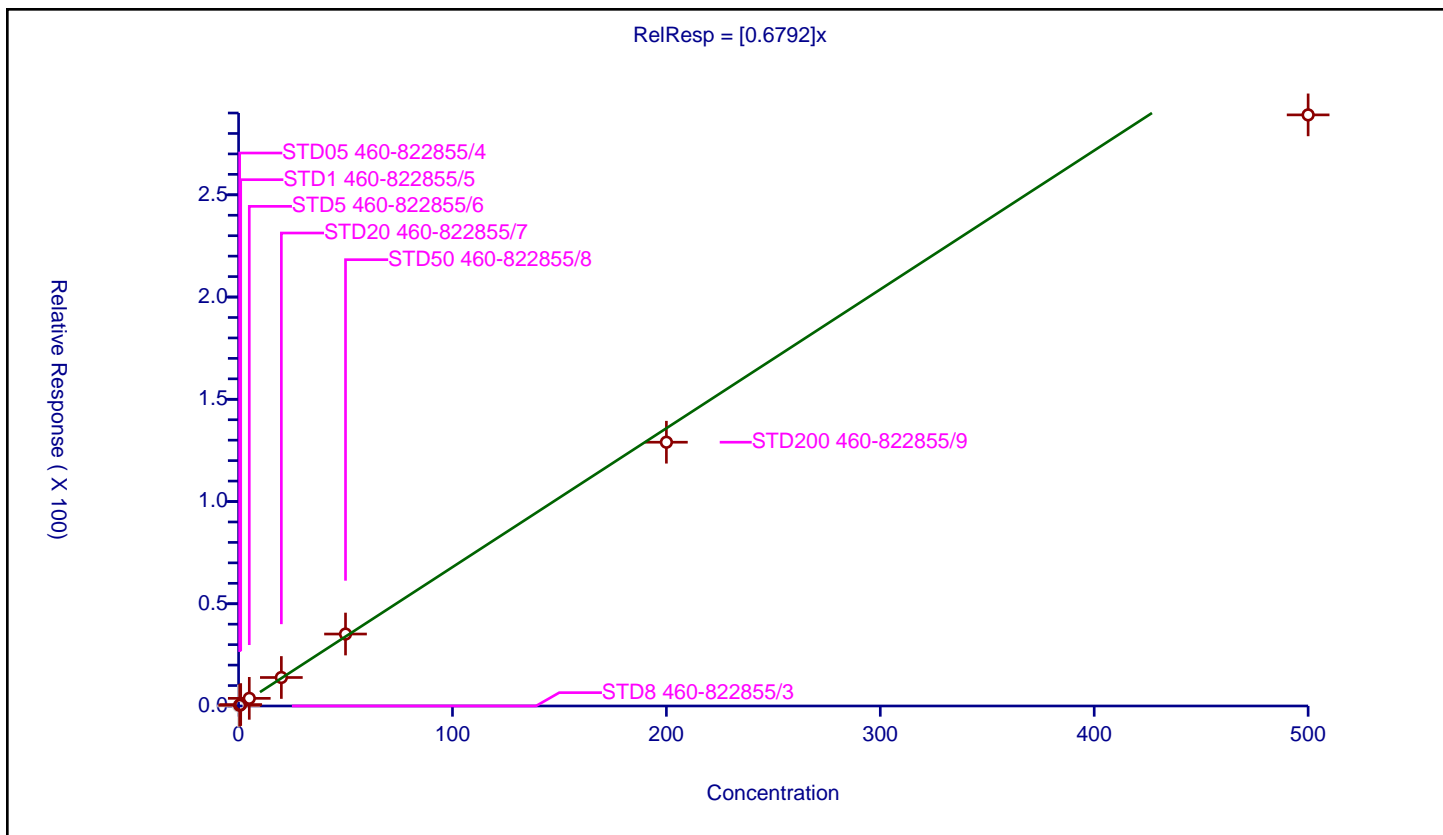
## Curve Coefficients

Intercept: 0  
 Slope: 0.6792

## Error Coefficients

Standard Error: 1520000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.341341	50.0	595885.0	0.682682	Y
3	STD1 460-822855/5	1.0	0.699677	50.0	553327.0	0.699677	Y
4	STD5 460-822855/6	5.0	3.74058	50.0	559980.0	0.748116	Y
5	STD20 460-822855/7	20.0	13.931735	50.0	559173.0	0.696587	Y
6	STD50 460-822855/8	50.0	35.190696	50.0	566583.0	0.703814	Y
7	STD200 460-822855/9	200.0	129.001915	50.0	541116.0	0.64501	Y
8	STD500 460-822855/10	500.0	289.090078	50.0	592919.0	0.57818	Y



# Calibration

/ Acrolein

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

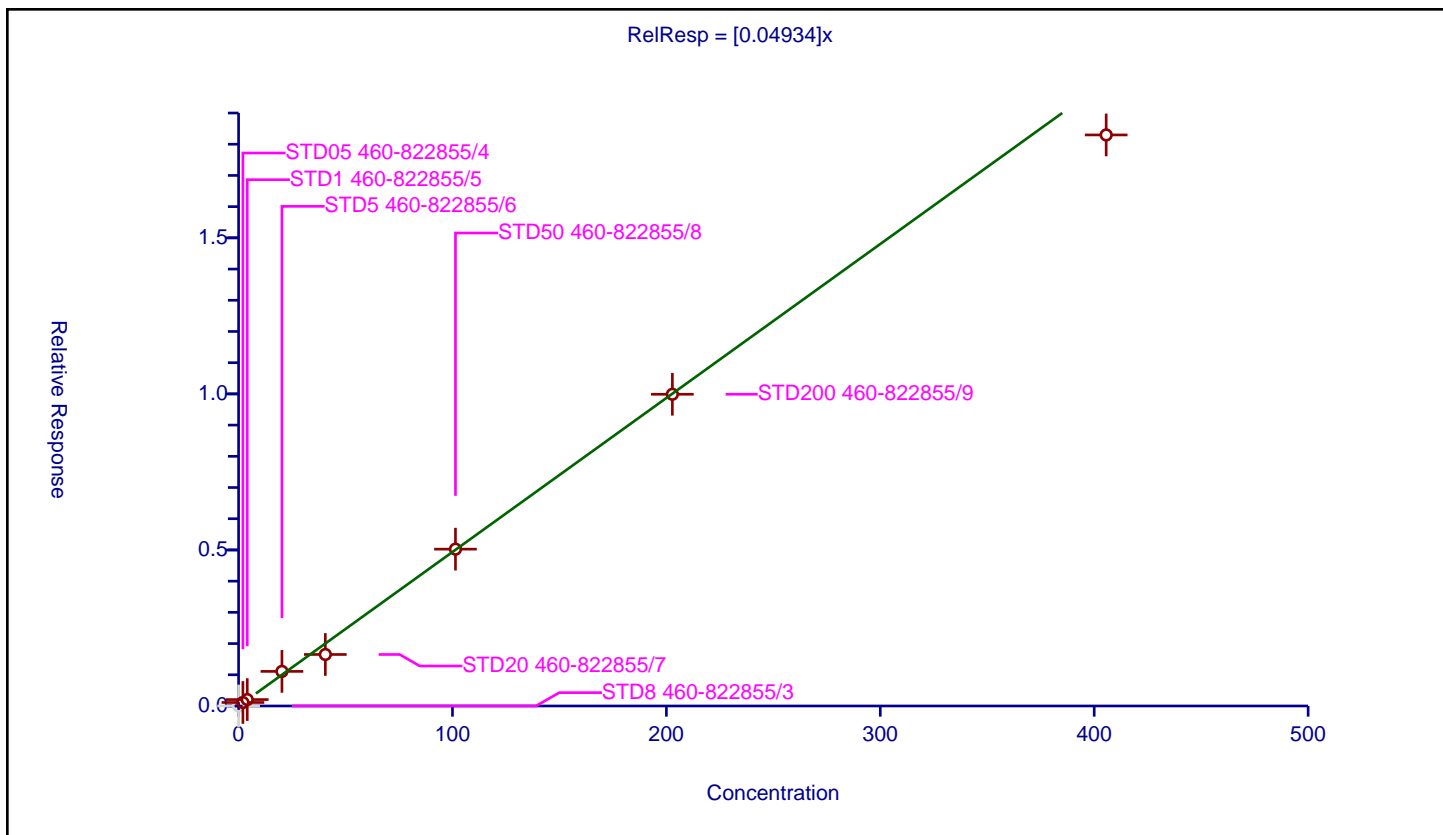
## Curve Coefficients

Intercept: 0  
 Slope: 0.04934

## Error Coefficients

Standard Error: 102000  
 Relative Standard Error: 10.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	2.028	0.112606	50.0	595885.0	0.055525	Y
3	STD1 460-822855/5	4.056	0.205213	50.0	553327.0	0.050595	Y
4	STD5 460-822855/6	20.28	1.108879	50.0	559980.0	0.054678	Y
5	STD20 460-822855/7	40.56	1.650205	50.0	559173.0	0.040686	Y
6	STD50 460-822855/8	101.4	5.025566	50.0	566583.0	0.049562	Y
7	STD200 460-822855/9	202.8	9.988247	50.0	541116.0	0.049252	Y
8	STD500 460-822855/10	405.6	18.297609	50.0	592919.0	0.045112	Y



# Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

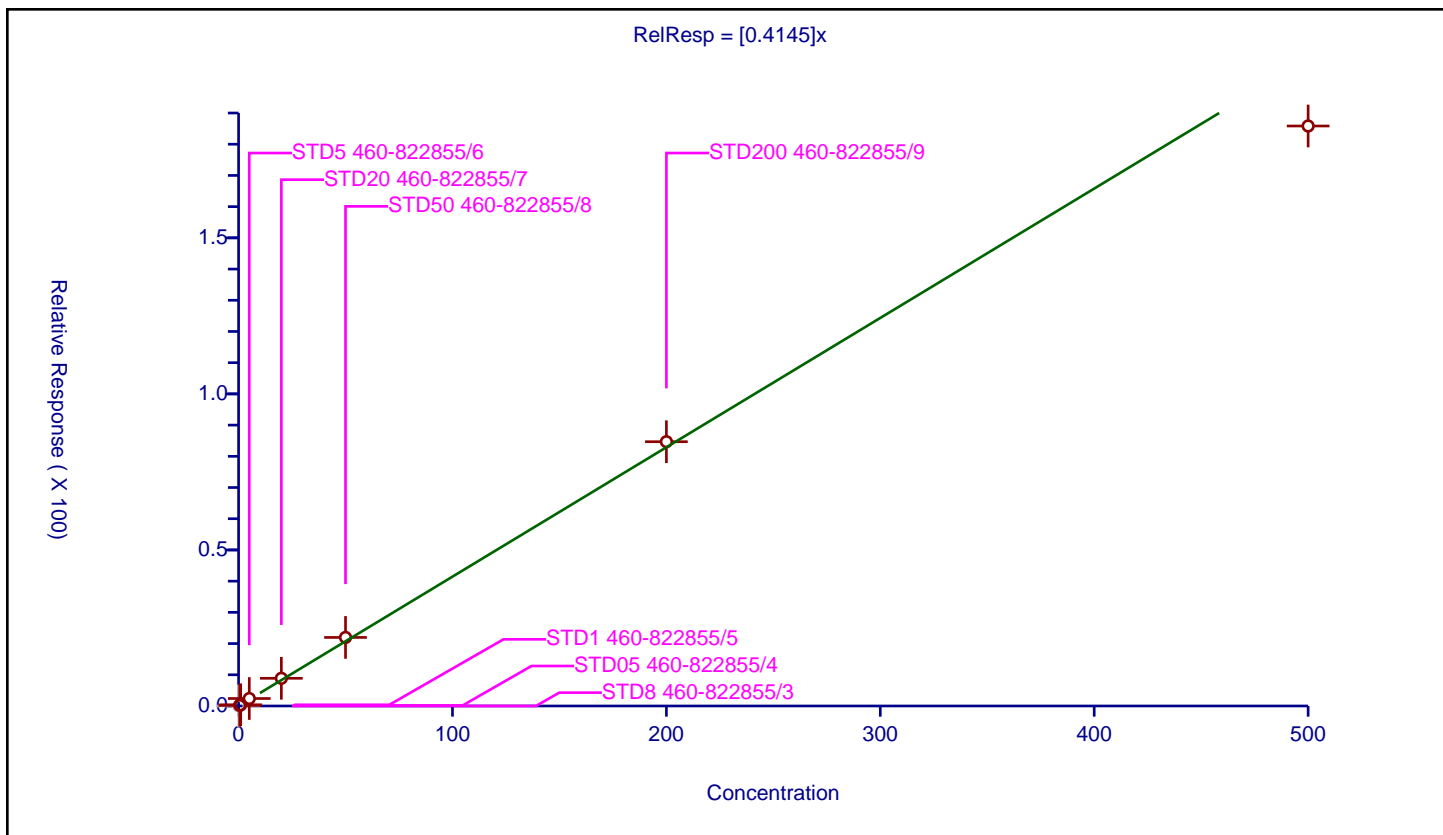
## Curve Coefficients

Intercept: 0  
 Slope: 0.4145

## Error Coefficients

Standard Error: 980000  
 Relative Standard Error: 10.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.176628	50.0	595885.0	0.353256	Y
3	STD1 460-822855/5	1.0	0.391631	50.0	553327.0	0.391631	Y
4	STD5 460-822855/6	5.0	2.392407	50.0	559980.0	0.478481	Y
5	STD20 460-822855/7	20.0	8.869616	50.0	559173.0	0.443481	Y
6	STD50 460-822855/8	50.0	21.962978	50.0	566583.0	0.43926	Y
7	STD200 460-822855/9	200.0	84.684153	50.0	541116.0	0.423421	Y
8	STD500 460-822855/10	500.0	185.839971	50.0	592919.0	0.37168	Y





# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

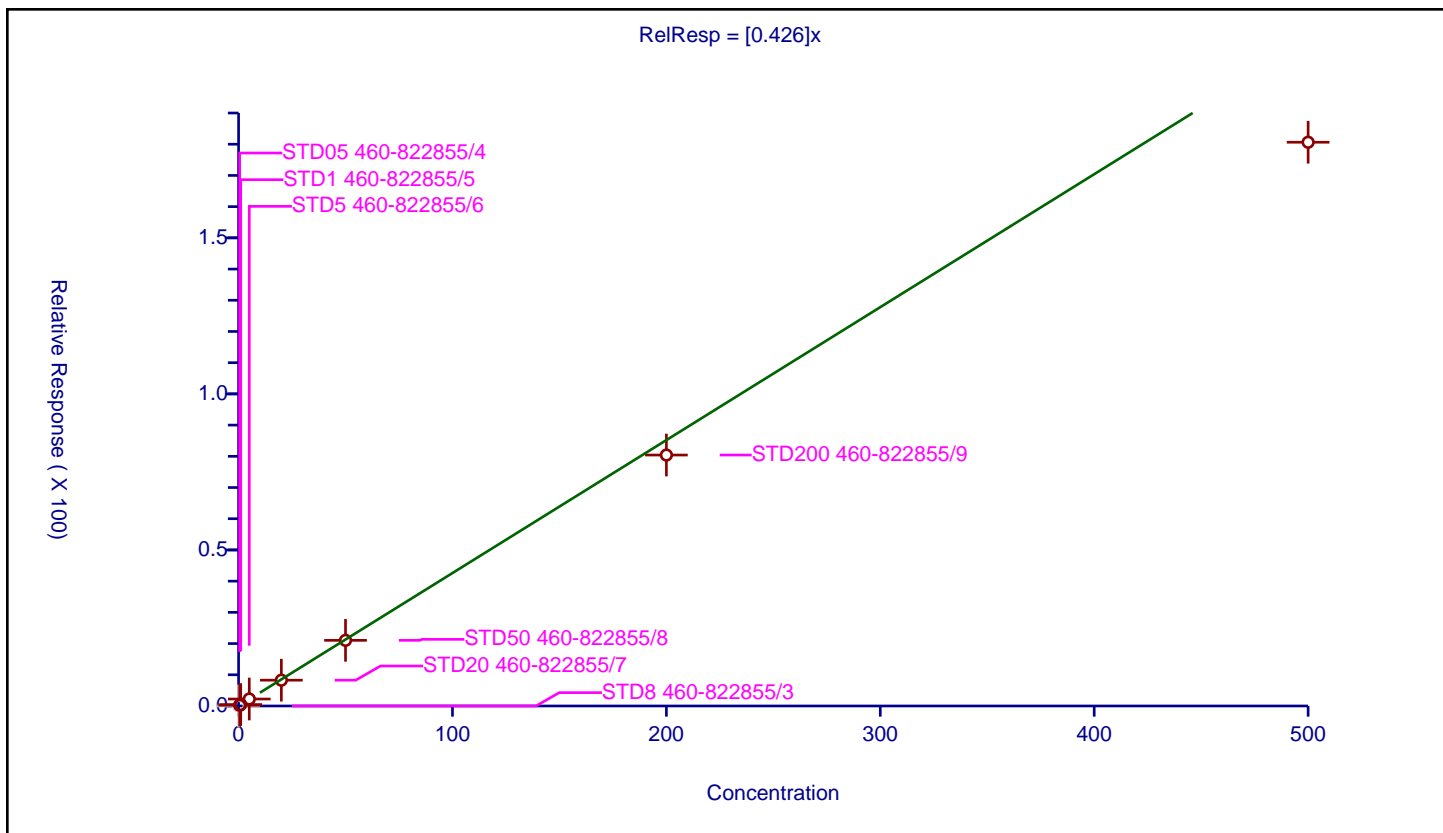
## Curve Coefficients

Intercept: 0  
 Slope: 0.426

## Error Coefficients

Standard Error: 950000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.243503	50.0	595885.0	0.487007	Y
3	STD1 460-822855/5	1.0	0.450909	50.0	553327.0	0.450909	Y
4	STD5 460-822855/6	5.0	2.233473	50.0	559980.0	0.446695	Y
5	STD20 460-822855/7	20.0	8.267119	50.0	559173.0	0.413356	Y
6	STD50 460-822855/8	50.0	21.03187	50.0	566583.0	0.420637	Y
7	STD200 460-822855/9	200.0	80.406974	50.0	541116.0	0.402035	Y
8	STD500 460-822855/10	500.0	180.635804	50.0	592919.0	0.361272	Y



# Calibration

/ Acetone

Curve Type: Linear  
Weighting: Conc\_Sq  
Origin: None  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

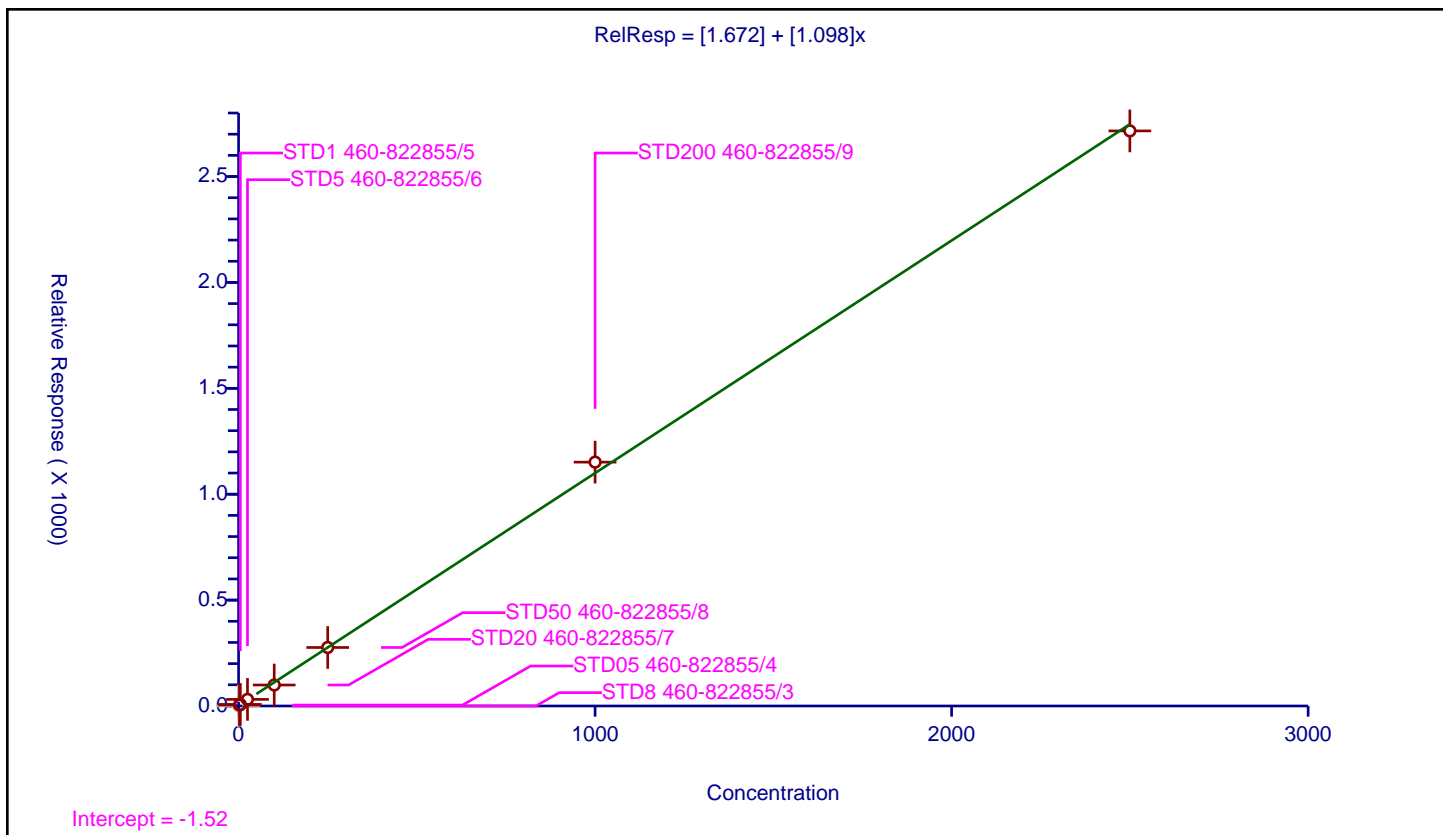
## Curve Coefficients

Intercept: 1.672  
Slope: 1.098

## Error Coefficients

Standard Error: 2070000  
Relative Standard Error: 6.5  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	2.5	4.385443	250.0	344834.0	1.754177	Y
3	STD1 460-822855/5	5.0	7.234712	250.0	328313.0	1.446942	Y
4	STD5 460-822855/6	25.0	31.195565	250.0	327226.0	1.247823	Y
5	STD20 460-822855/7	100.0	99.086138	250.0	323572.0	0.990861	Y
6	STD50 460-822855/8	250.0	276.192204	250.0	345809.0	1.104769	Y
7	STD200 460-822855/9	1000.0	1151.454266	250.0	352377.0	1.151454	Y
8	STD500 460-822855/10	2500.0	2715.540671	250.0	398107.0	1.086216	Y



# Calibration

/ Iodomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

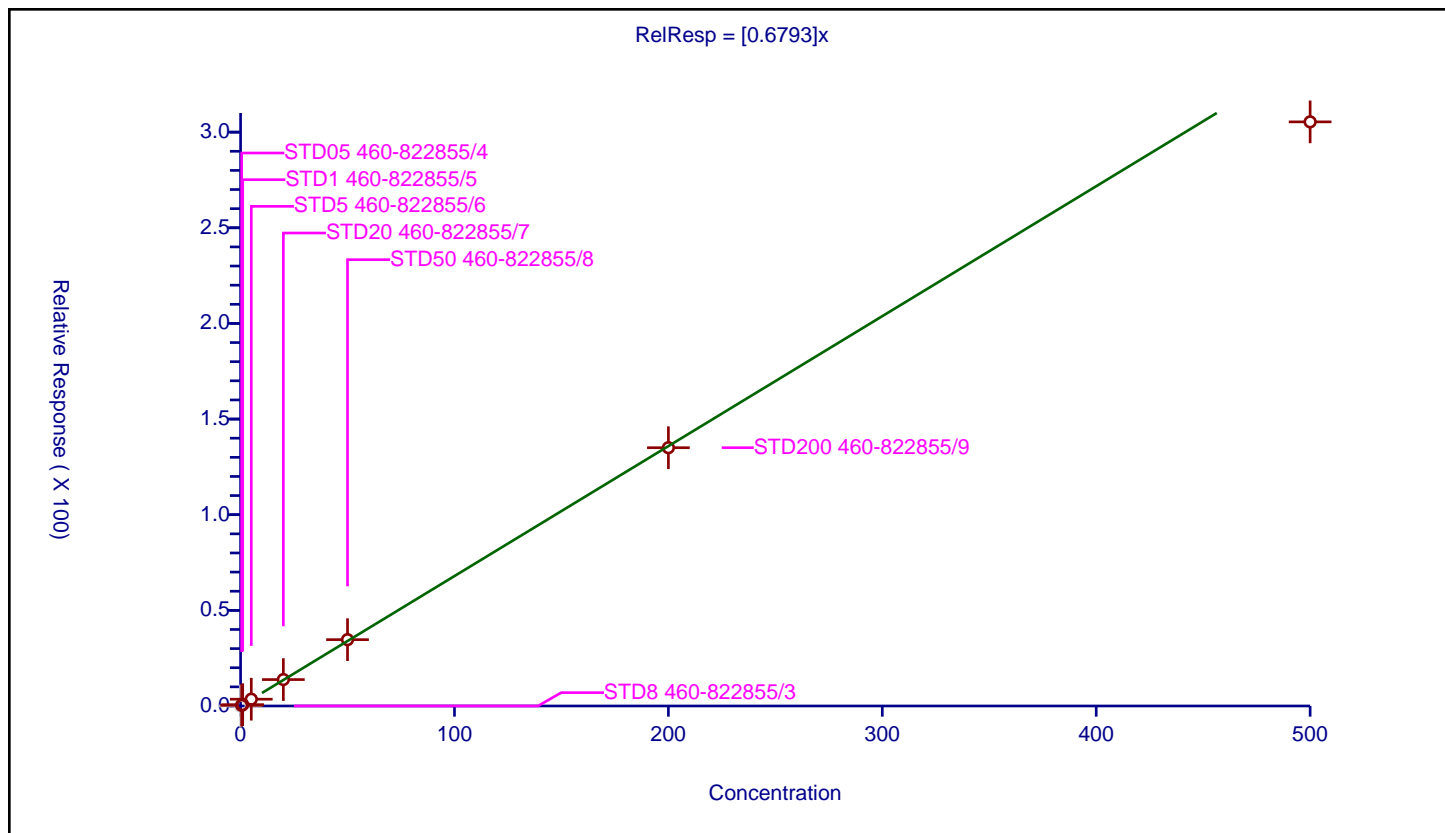
## Curve Coefficients

Intercept: 0  
 Slope: 0.6793

## Error Coefficients

Standard Error: 1600000  
 Relative Standard Error: 4.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.342096	50.0	595885.0	0.684192	Y
3	STD1 460-822855/5	1.0	0.690098	50.0	553327.0	0.690098	Y
4	STD5 460-822855/6	5.0	3.553877	50.0	559980.0	0.710775	Y
5	STD20 460-822855/7	20.0	13.81263	50.0	559173.0	0.690632	Y
6	STD50 460-822855/8	50.0	34.679473	50.0	566583.0	0.693589	Y
7	STD200 460-822855/9	200.0	135.026686	50.0	541116.0	0.675133	Y
8	STD500 460-822855/10	500.0	305.364729	50.0	592919.0	0.610729	Y



# Calibration

/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

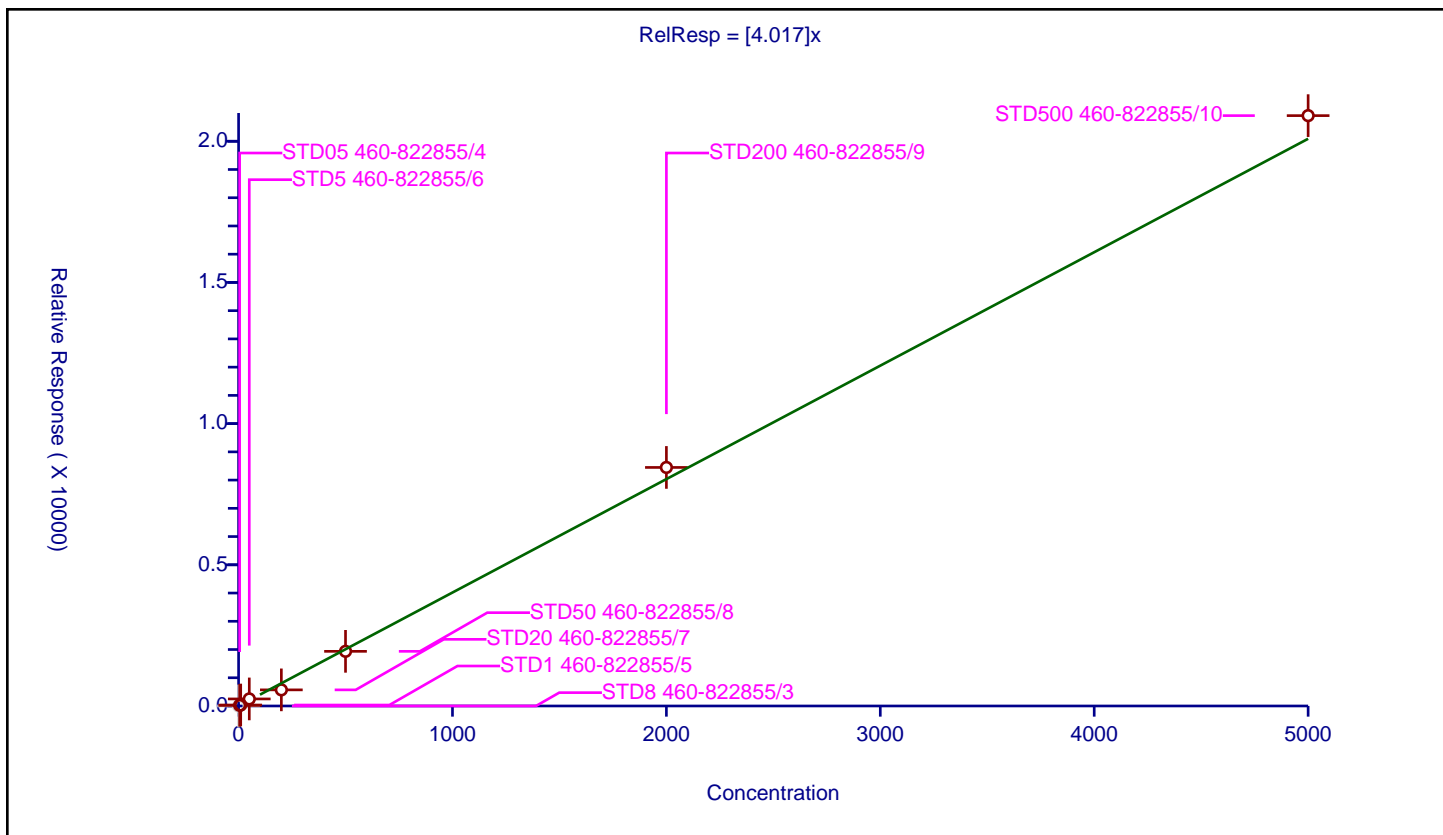
## Curve Coefficients

Intercept: 0  
 Slope: 4.017

## Error Coefficients

Standard Error: 288000  
 Relative Standard Error: 17.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.961

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	1000.0	35501.0	NaN	N
2	STD05 460-822855/4	5.0	22.84729	1000.0	37116.0	4.569458	Y
3	STD1 460-822855/5	10.0	34.31432	1000.0	32960.0	3.431432	Y
4	STD5 460-822855/6	50.0	249.449791	1000.0	30443.0	4.988996	Y
5	STD20 460-822855/7	200.0	571.087671	1000.0	28915.0	2.855438	Y
6	STD50 460-822855/8	500.0	1935.864062	1000.0	34957.0	3.871728	Y
7	STD200 460-822855/9	2000.0	8447.676528	1000.0	30321.0	4.223838	Y
8	STD500 460-822855/10	5000.0	20907.402838	1000.0	32420.0	4.181481	Y



# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

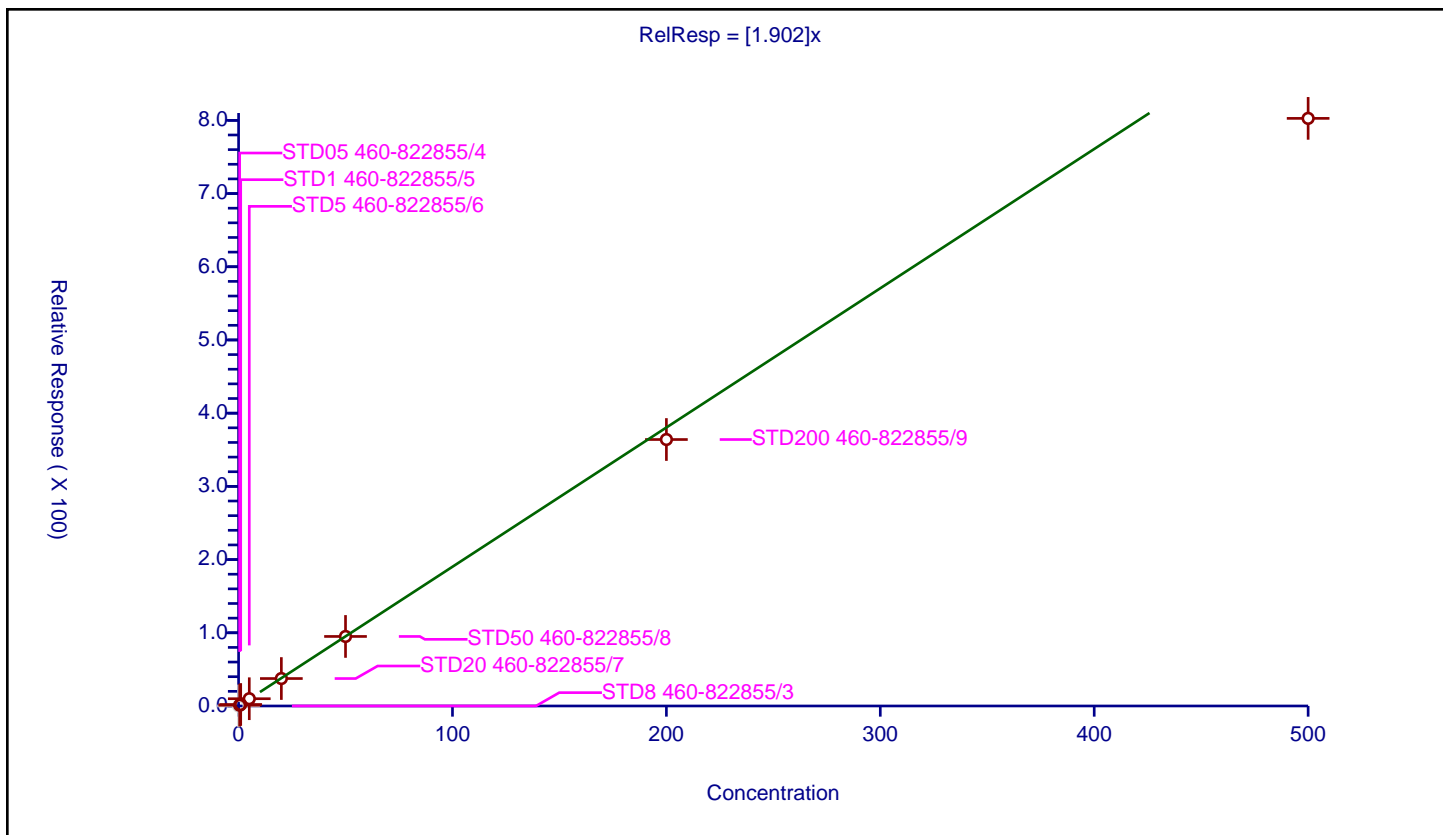
## Curve Coefficients

Intercept: 0  
 Slope: 1.902

## Error Coefficients

Standard Error: 4230000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	1.058677	50.0	595885.0	2.117355	Y
3	STD1 460-822855/5	1.0	2.014722	50.0	553327.0	2.014722	Y
4	STD5 460-822855/6	5.0	9.916158	50.0	559980.0	1.983232	Y
5	STD20 460-822855/7	20.0	37.48813	50.0	559173.0	1.874406	Y
6	STD50 460-822855/8	50.0	94.970287	50.0	566583.0	1.899406	Y
7	STD200 460-822855/9	200.0	363.994227	50.0	541116.0	1.819971	Y
8	STD500 460-822855/10	500.0	802.677431	50.0	592919.0	1.605355	Y



## Calibration

/ 3-Chloro-1-propene

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

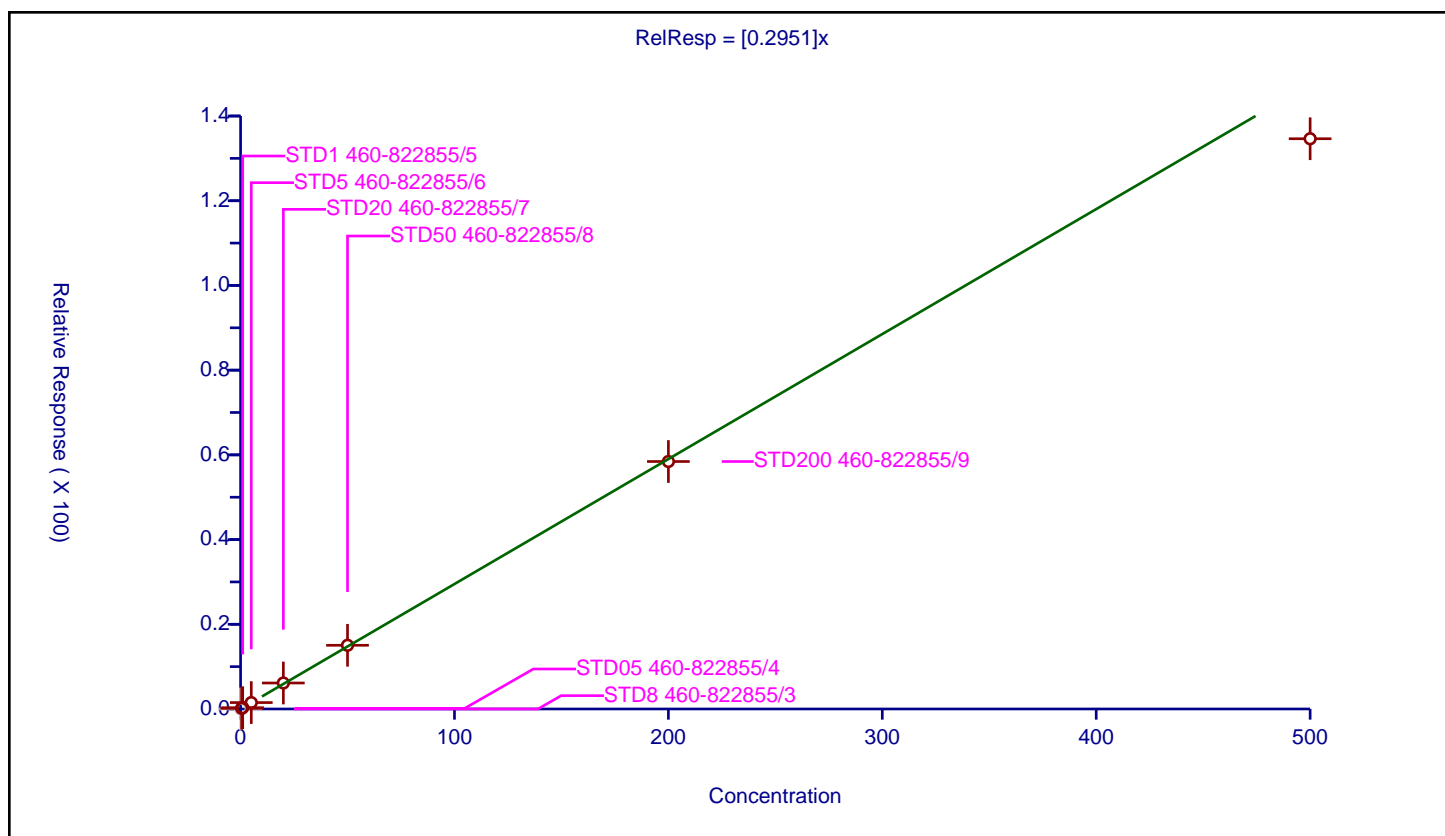
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.2951

## Error Coefficients

**Standard Error:** 705000  
**Relative Standard Error:** 4.3  
**Correlation Coefficient:** 1.000  
**Coefficient of Determination (Adjusted):** 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.145666	50.0	595885.0	0.291331	Y
3	STD1 460-822855/5	1.0	0.301811	50.0	553327.0	0.301811	Y
4	STD5 460-822855/6	5.0	1.516215	50.0	559980.0	0.303243	Y
5	STD20 460-822855/7	20.0	6.136026	50.0	559173.0	0.306801	Y
6	STD50 460-822855/8	50.0	15.039456	50.0	566583.0	0.300789	Y
7	STD200 460-822855/9	200.0	58.426474	50.0	541116.0	0.292132	Y
8	STD500 460-822855/10	500.0	134.636603	50.0	592919.0	0.269273	Y



# Calibration

/ Cyclopentene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

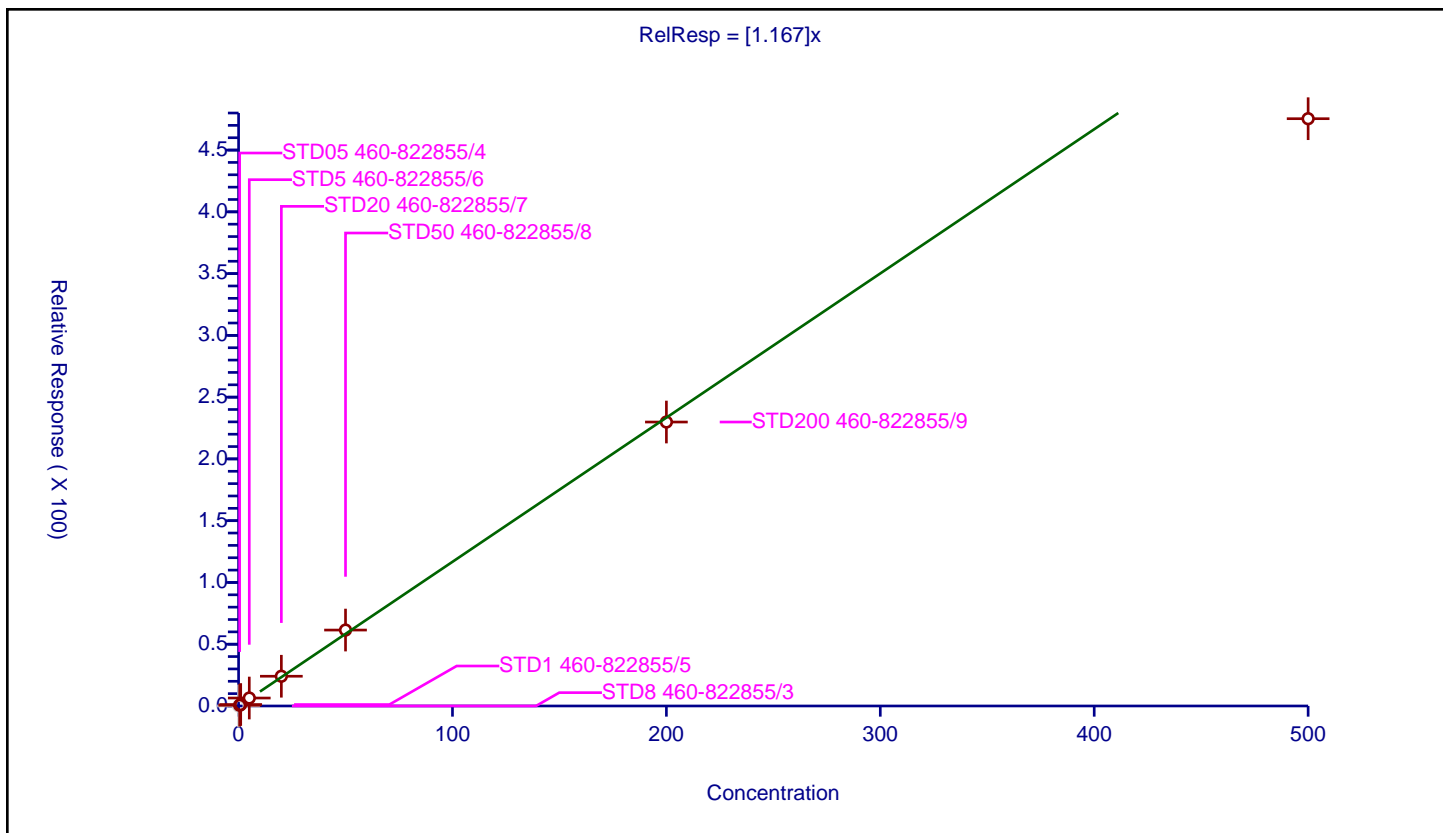
## Curve Coefficients

Intercept: 0  
 Slope: 1.167

## Error Coefficients

Standard Error: 2530000  
 Relative Standard Error: 9.1  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.591473	50.0	595885.0	1.182946	Y
3	STD1 460-822855/5	1.0	1.165947	50.0	553327.0	1.165947	Y
4	STD5 460-822855/6	5.0	6.436569	50.0	559980.0	1.287314	Y
5	STD20 460-822855/7	20.0	24.088073	50.0	559173.0	1.204404	Y
6	STD50 460-822855/8	50.0	61.465399	50.0	566583.0	1.229308	Y
7	STD200 460-822855/9	200.0	229.869289	50.0	541116.0	1.149346	Y
8	STD500 460-822855/10	500.0	475.399844	50.0	592919.0	0.9508	Y



# Calibration

/ Methyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

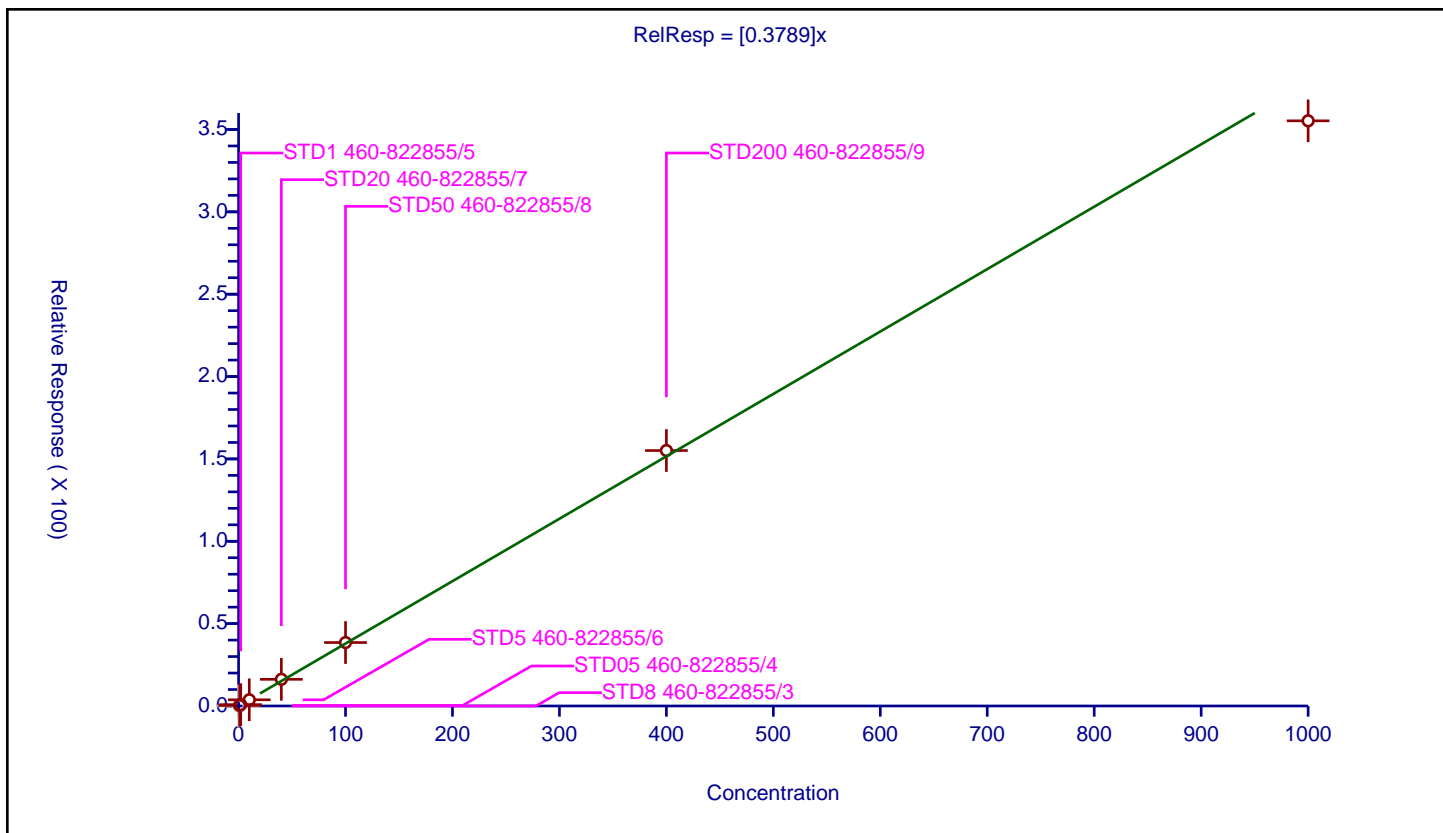
## Curve Coefficients

Intercept: 0  
 Slope: 0.3789

## Error Coefficients

Standard Error: 1860000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	1.0	0.330769	50.0	595885.0	0.330769	Y
3	STD1 460-822855/5	2.0	0.824467	50.0	553327.0	0.412234	Y
4	STD5 460-822855/6	10.0	3.759509	50.0	559980.0	0.375951	Y
5	STD20 460-822855/7	40.0	16.202588	50.0	559173.0	0.405065	Y
6	STD50 460-822855/8	100.0	38.523658	50.0	566583.0	0.385237	Y
7	STD200 460-822855/9	400.0	155.088743	50.0	541116.0	0.387722	Y
8	STD500 460-822855/10	1000.0	355.261511	50.0	592919.0	0.355262	Y





# Calibration

/ Acetonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

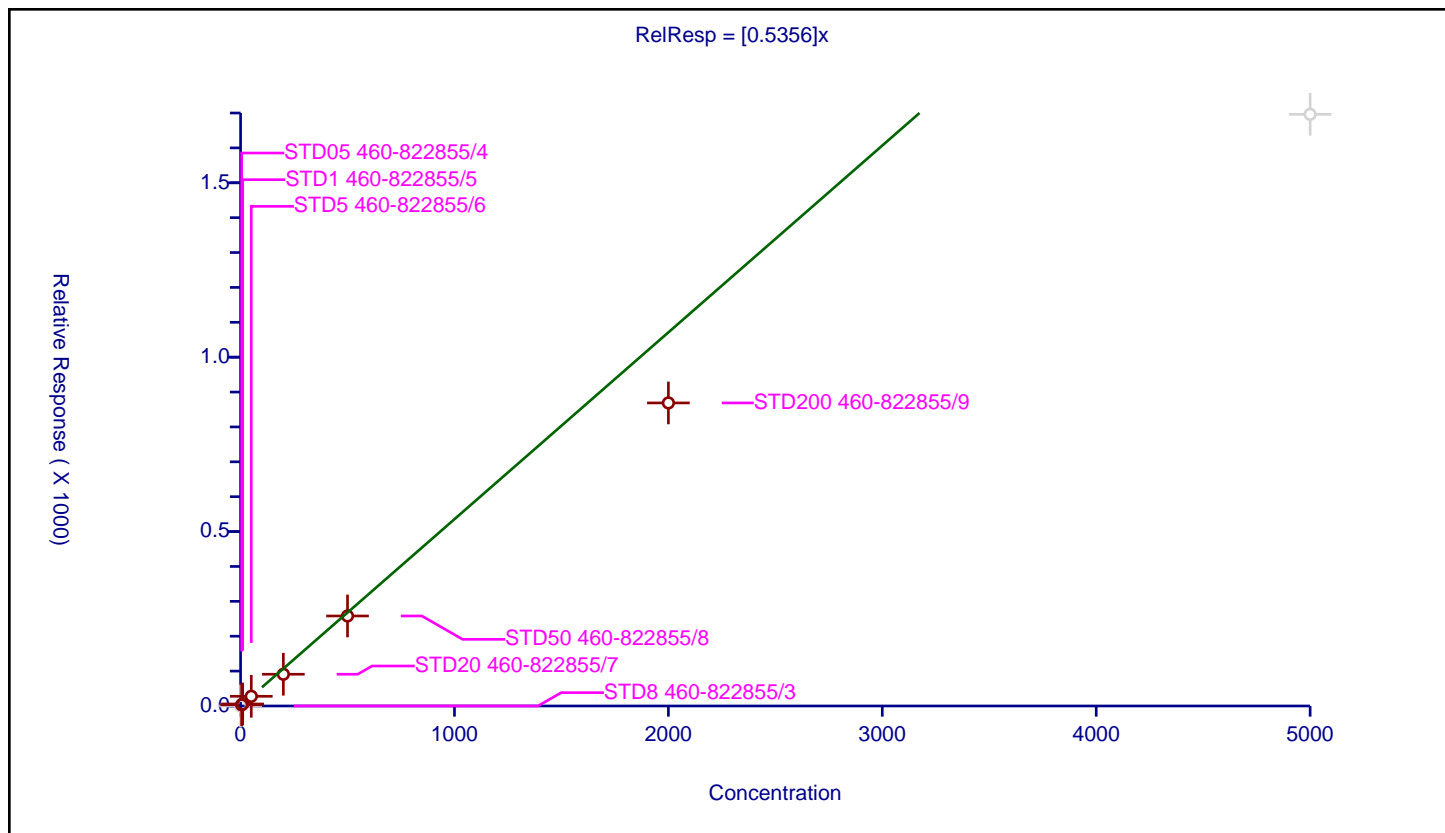
## Curve Coefficients

Intercept: 0  
 Slope: 0.5356

## Error Coefficients

Standard Error: 573000  
 Relative Standard Error: 16.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	5.0	3.375537	250.0	344834.0	0.675107	Y
3	STD1 460-822855/5	10.0	5.762032	250.0	328313.0	0.576203	Y
4	STD5 460-822855/6	50.0	27.827098	250.0	327226.0	0.556542	Y
5	STD20 460-822855/7	200.0	91.009883	250.0	323572.0	0.455049	Y
6	STD50 460-822855/8	500.0	258.068761	250.0	345809.0	0.516138	Y
7	STD200 460-822855/9	2000.0	868.831536	250.0	352377.0	0.434416	Y
8	STD500 460-822855/10	5000.0	1696.261307	250.0	398107.0	0.339252	N



# Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

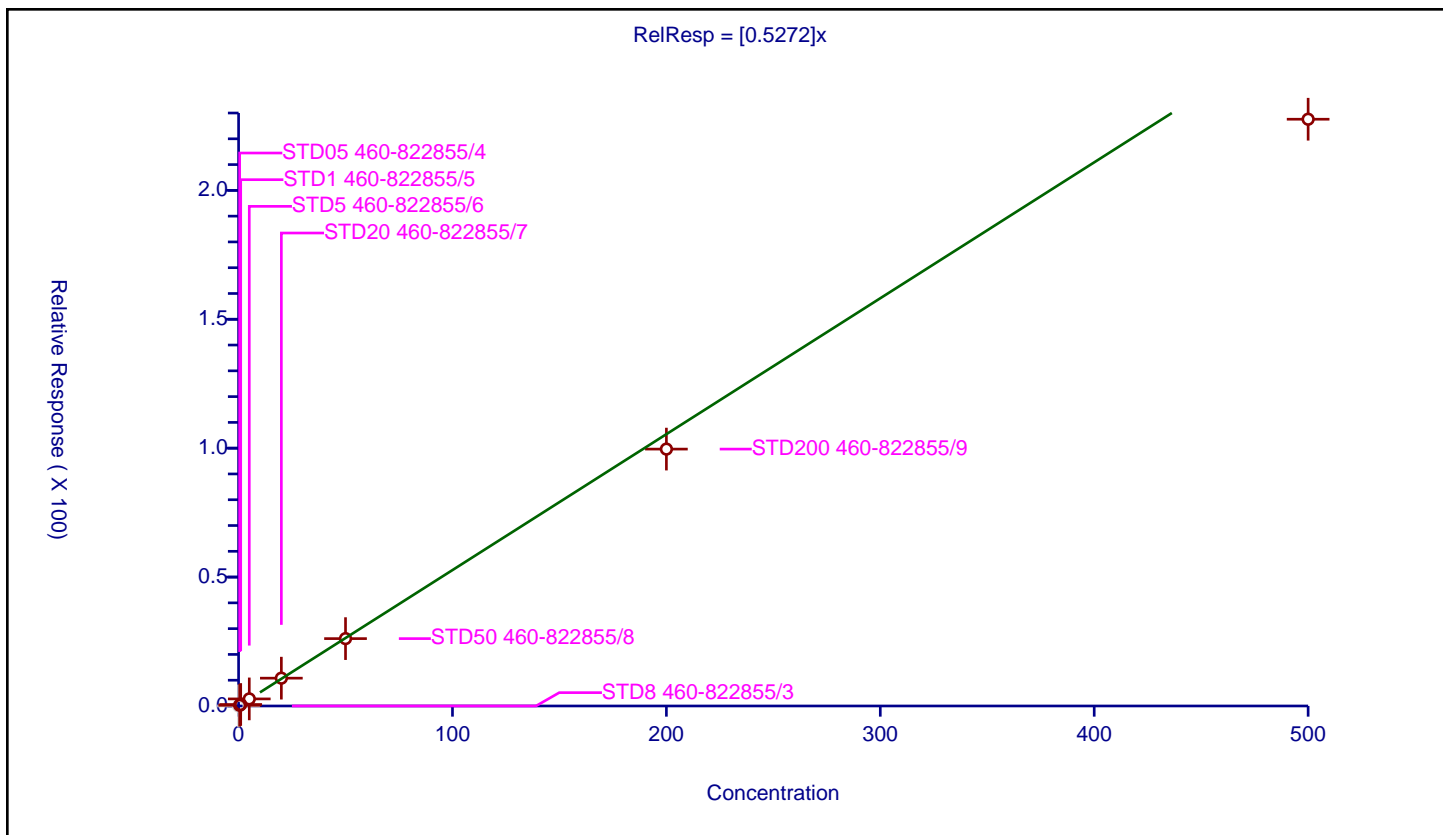
## Curve Coefficients

Intercept: 0  
 Slope: 0.5272

## Error Coefficients

Standard Error: 1190000  
 Relative Standard Error: 7.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.277486	50.0	595885.0	0.554973	Y
3	STD1 460-822855/5	1.0	0.570187	50.0	553327.0	0.570187	Y
4	STD5 460-822855/6	5.0	2.748491	50.0	559980.0	0.549698	Y
5	STD20 460-822855/7	20.0	10.788253	50.0	559173.0	0.539413	Y
6	STD50 460-822855/8	50.0	26.127505	50.0	566583.0	0.52255	Y
7	STD200 460-822855/9	200.0	99.641482	50.0	541116.0	0.498207	Y
8	STD500 460-822855/10	500.0	227.586989	50.0	592919.0	0.455174	Y



# Calibration

/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

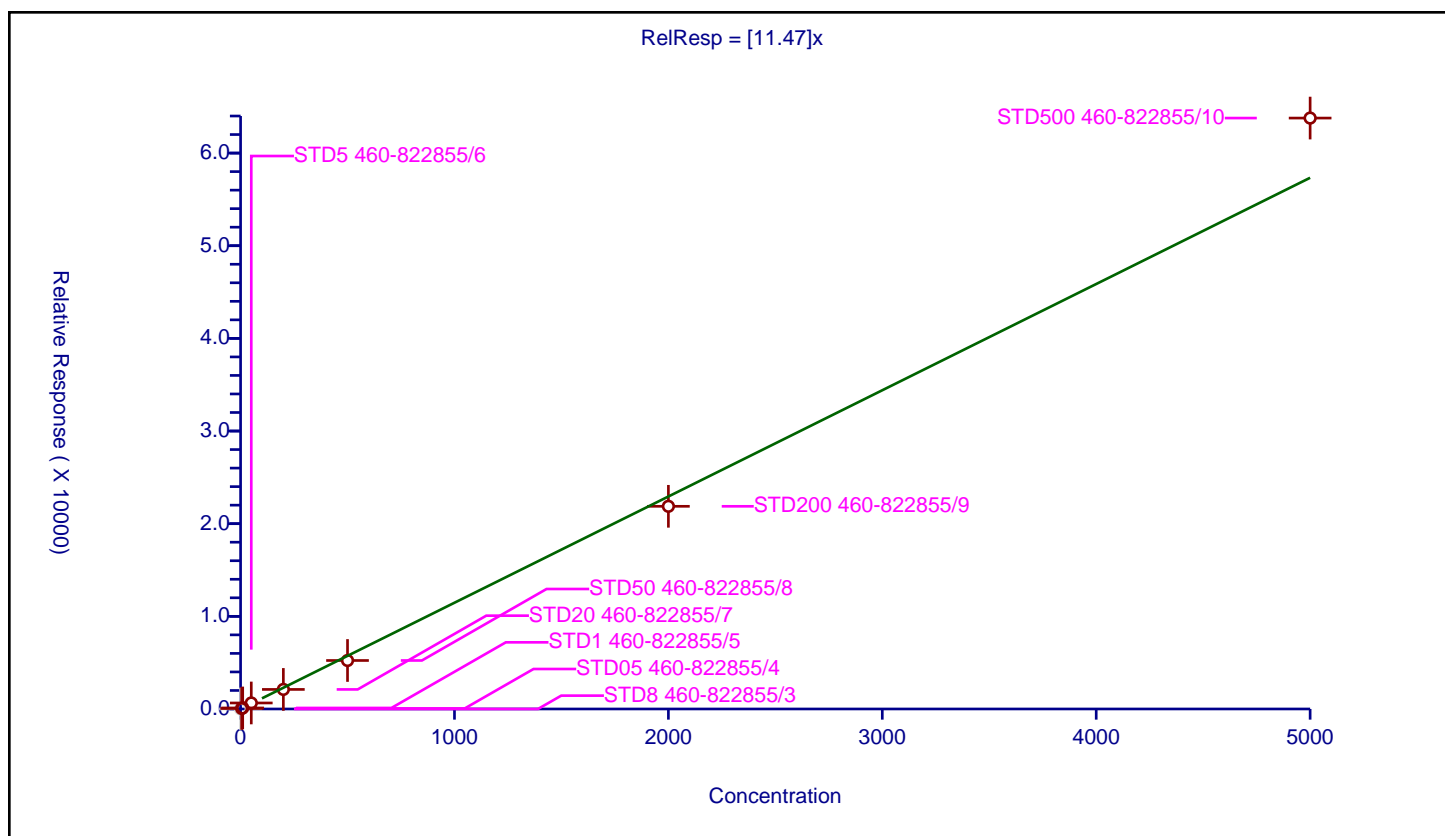
## Curve Coefficients

Intercept: 0  
 Slope: 11.47

## Error Coefficients

Standard Error: 865000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	1000.0	35501.0	NaN	N
2	STD05 460-822855/4	5.0	56.956569	1000.0	37116.0	11.391314	Y
3	STD1 460-822855/5	10.0	111.650485	1000.0	32960.0	11.165049	Y
4	STD5 460-822855/6	50.0	649.640311	1000.0	30443.0	12.992806	Y
5	STD20 460-822855/7	200.0	2112.017984	1000.0	28915.0	10.56009	Y
6	STD50 460-822855/8	500.0	5232.571445	1000.0	34957.0	10.465143	Y
7	STD200 460-822855/9	2000.0	21876.785066	1000.0	30321.0	10.938393	Y
8	STD500 460-822855/10	5000.0	63778.531771	1000.0	32420.0	12.755706	Y



# Calibration

/ Methyl tert-butyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

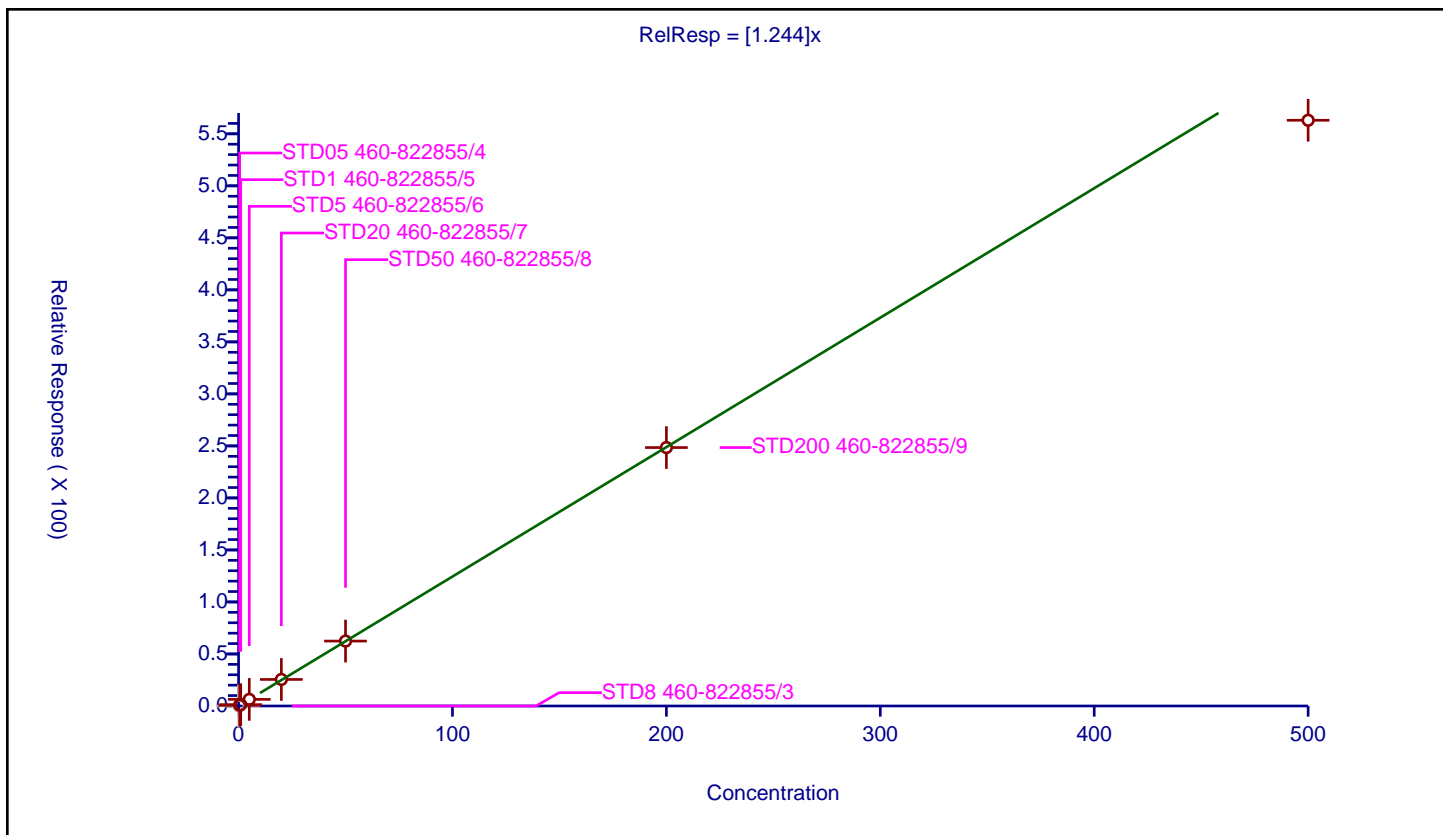
## Curve Coefficients

Intercept: 0  
Slope: 1.244

## Error Coefficients

Standard Error: 2950000  
Relative Standard Error: 4.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.627554	50.0	595885.0	1.255108	Y
3	STD1 460-822855/5	1.0	1.294352	50.0	553327.0	1.294352	Y
4	STD5 460-822855/6	5.0	6.341655	50.0	559980.0	1.268331	Y
5	STD20 460-822855/7	20.0	25.512409	50.0	559173.0	1.27562	Y
6	STD50 460-822855/8	50.0	62.399684	50.0	566583.0	1.247994	Y
7	STD200 460-822855/9	200.0	248.436842	50.0	541116.0	1.242184	Y
8	STD500 460-822855/10	500.0	563.038037	50.0	592919.0	1.126076	Y



# Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

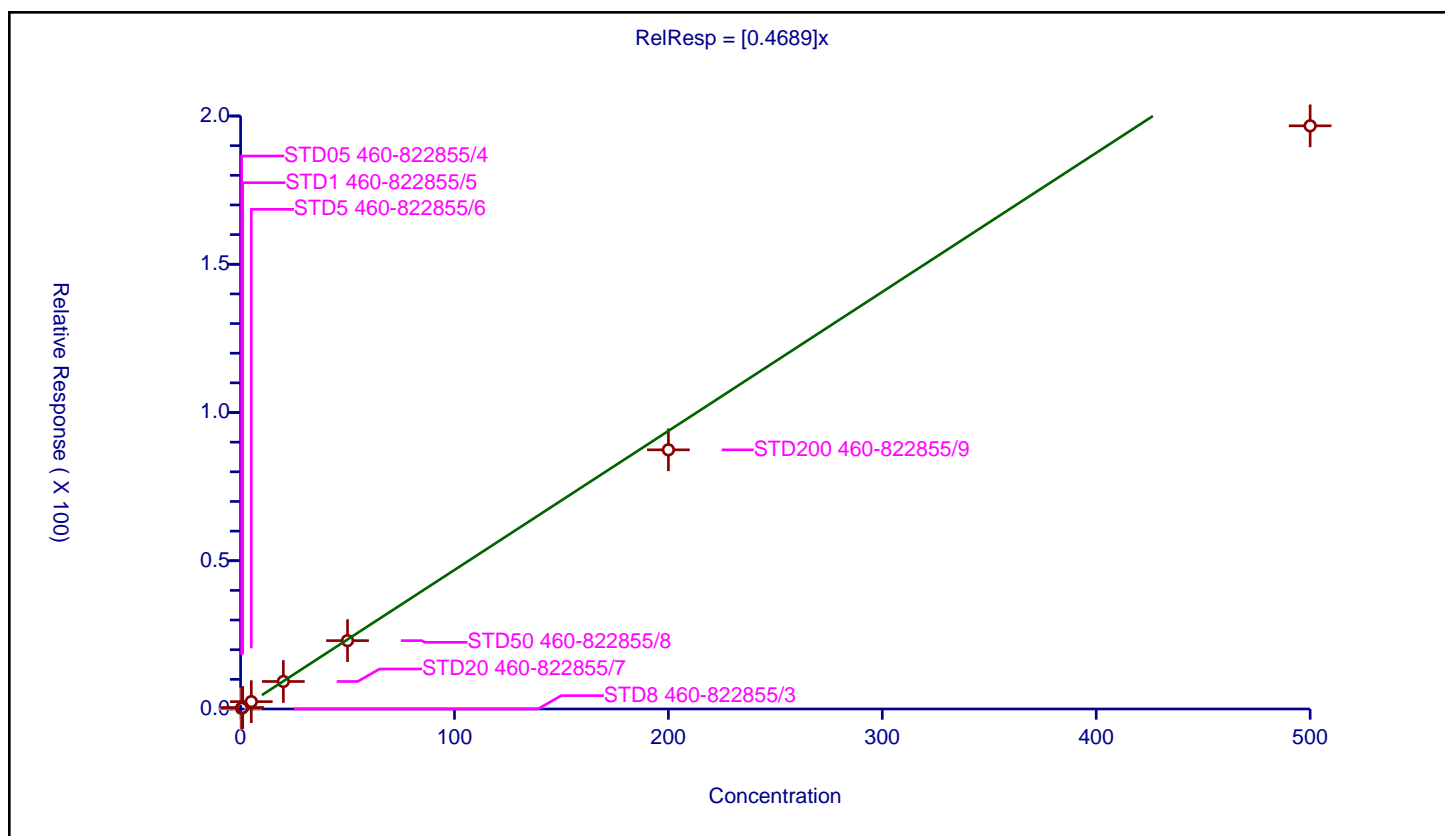
## Curve Coefficients

Intercept: 0  
 Slope: 0.4689

## Error Coefficients

Standard Error: 1030000  
 Relative Standard Error: 9.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.266662	50.0	595885.0	0.533324	Y
3	STD1 460-822855/5	1.0	0.49862	50.0	553327.0	0.49862	Y
4	STD5 460-822855/6	5.0	2.475892	50.0	559980.0	0.495178	Y
5	STD20 460-822855/7	20.0	9.275394	50.0	559173.0	0.46377	Y
6	STD50 460-822855/8	50.0	23.056463	50.0	566583.0	0.461129	Y
7	STD200 460-822855/9	200.0	87.414621	50.0	541116.0	0.437073	Y
8	STD500 460-822855/10	500.0	196.690273	50.0	592919.0	0.393381	Y



# Calibration

/ Acrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

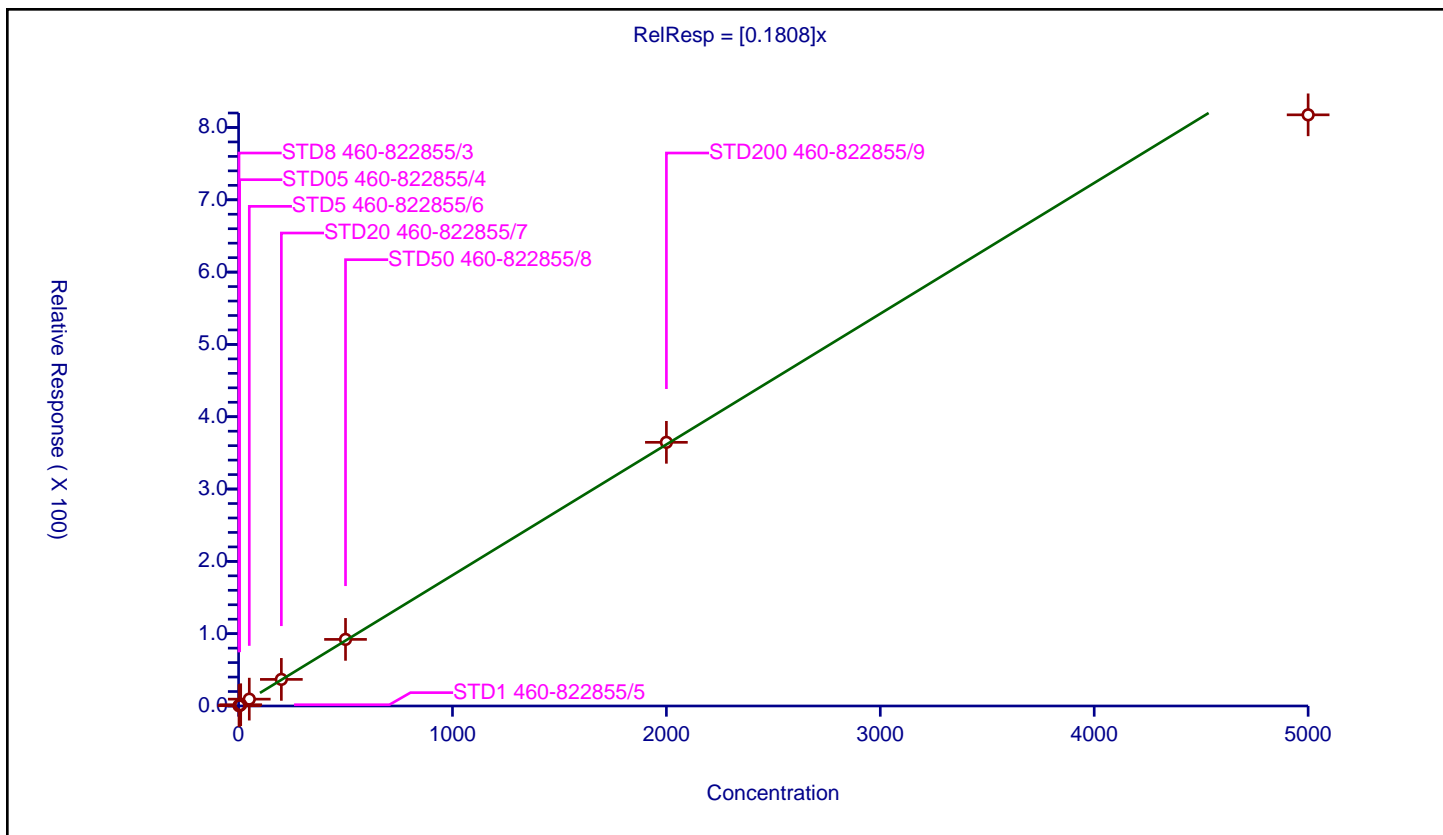
## Curve Coefficients

Intercept: 0  
 Slope: 0.1808

## Error Coefficients

Standard Error: 3980000  
 Relative Standard Error: 4.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	2.0	0.374782	50.0	562193.0	0.187391	Y
2	STD05 460-822855/4	5.0	0.908481	50.0	595885.0	0.181696	Y
3	STD1 460-822855/5	10.0	1.741646	50.0	553327.0	0.174165	Y
4	STD5 460-822855/6	50.0	9.472392	50.0	559980.0	0.189448	Y
5	STD20 460-822855/7	200.0	36.772251	50.0	559173.0	0.183861	Y
6	STD50 460-822855/8	500.0	92.085008	50.0	566583.0	0.18417	Y
7	STD200 460-822855/9	2000.0	364.616182	50.0	541116.0	0.182308	Y
8	STD500 460-822855/10	5000.0	817.488645	50.0	592919.0	0.163498	Y



# Calibration

/ Hexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

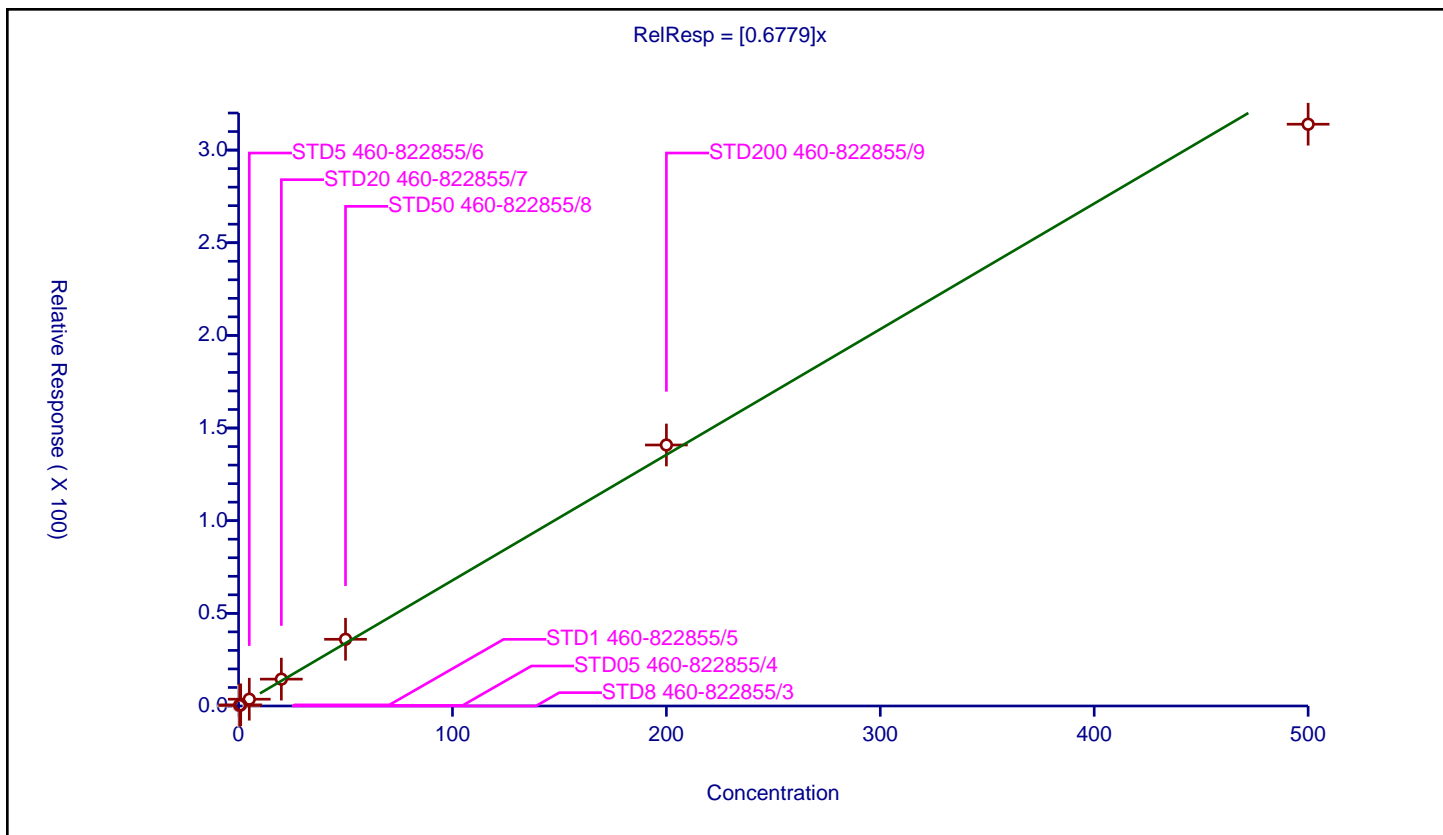
## Curve Coefficients

Intercept: 0  
 Slope: 0.6779

## Error Coefficients

Standard Error: 1650000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.310379	50.0	595885.0	0.620757	Y
3	STD1 460-822855/5	1.0	0.614555	50.0	553327.0	0.614555	Y
4	STD5 460-822855/6	5.0	3.661738	50.0	559980.0	0.732348	Y
5	STD20 460-822855/7	20.0	14.502667	50.0	559173.0	0.725133	Y
6	STD50 460-822855/8	50.0	36.002404	50.0	566583.0	0.720048	Y
7	STD200 460-822855/9	200.0	140.850391	50.0	541116.0	0.704252	Y
8	STD500 460-822855/10	500.0	313.962447	50.0	592919.0	0.627925	Y



# Calibration

/ Isopropyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

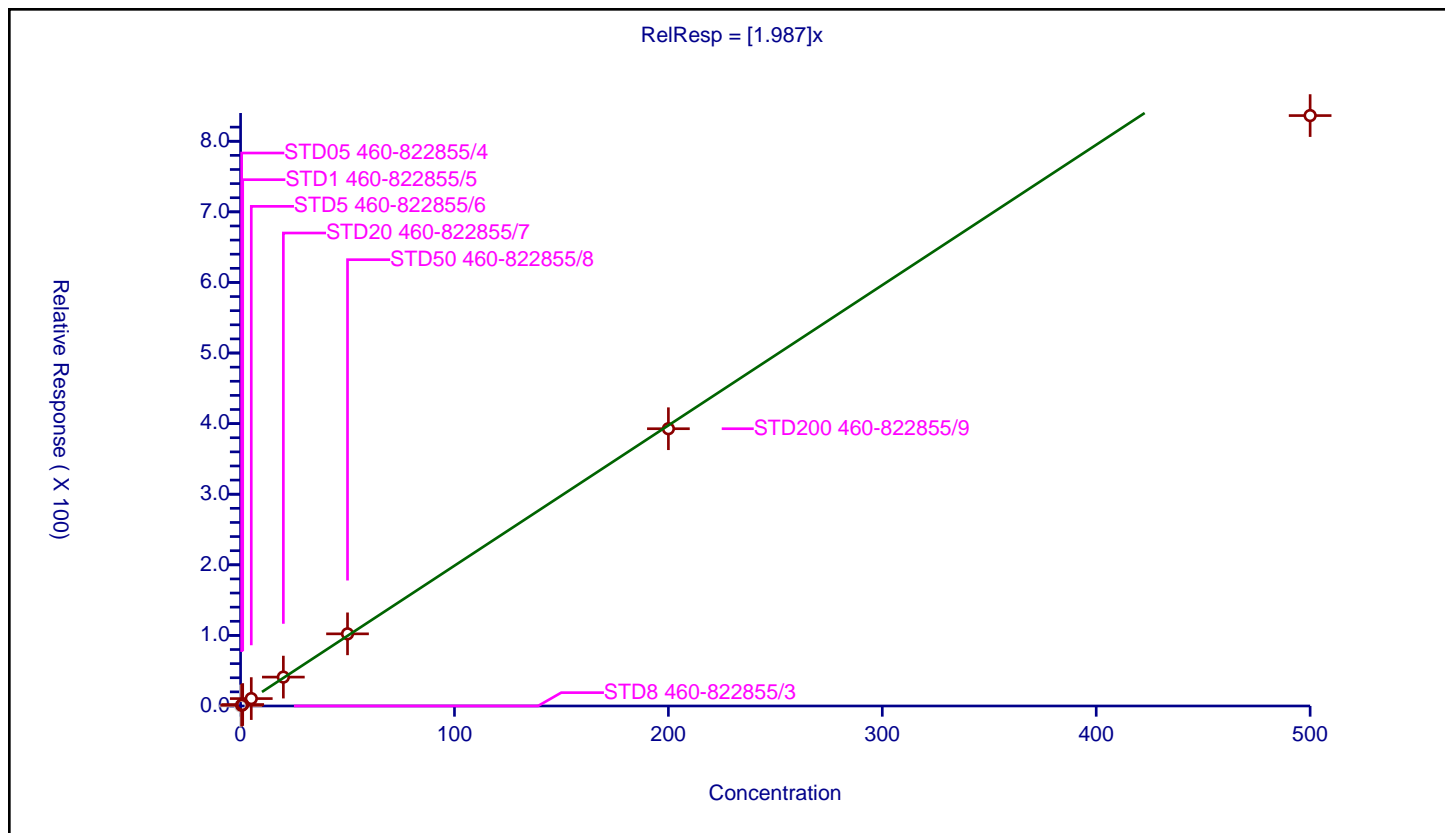
## Curve Coefficients

Intercept: 0  
 Slope: 1.987

## Error Coefficients

Standard Error: 4430000  
 Relative Standard Error: 7.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	1.012611	50.0	595885.0	2.025223	Y
3	STD1 460-822855/5	1.0	2.06415	50.0	553327.0	2.06415	Y
4	STD5 460-822855/6	5.0	10.472249	50.0	559980.0	2.09445	Y
5	STD20 460-822855/7	20.0	40.945468	50.0	559173.0	2.047273	Y
6	STD50 460-822855/8	50.0	102.206738	50.0	566583.0	2.044135	Y
7	STD200 460-822855/9	200.0	392.787776	50.0	541116.0	1.963939	Y
8	STD500 460-822855/10	500.0	836.384565	50.0	592919.0	1.672769	Y





# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

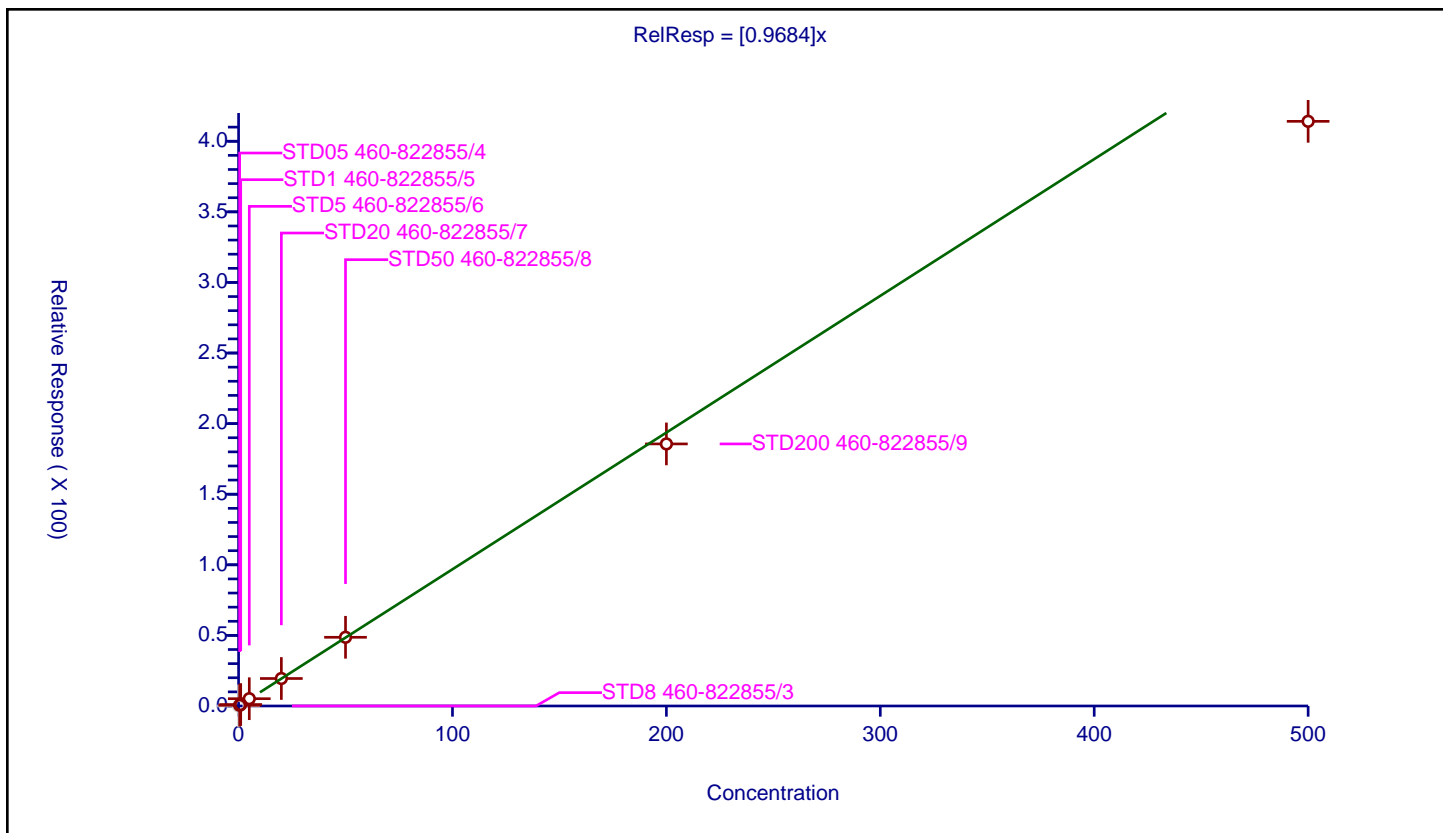
## Curve Coefficients

Intercept: 0  
 Slope: 0.9684

## Error Coefficients

Standard Error: 2180000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.507648	50.0	595885.0	1.015297	Y
3	STD1 460-822855/5	1.0	1.028867	50.0	553327.0	1.028867	Y
4	STD5 460-822855/6	5.0	5.157148	50.0	559980.0	1.03143	Y
5	STD20 460-822855/7	20.0	19.465622	50.0	559173.0	0.973281	Y
6	STD50 460-822855/8	50.0	48.670186	50.0	566583.0	0.973404	Y
7	STD200 460-822855/9	200.0	185.62859	50.0	541116.0	0.928143	Y
8	STD500 460-822855/10	500.0	414.098637	50.0	592919.0	0.828197	Y



# Calibration

/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

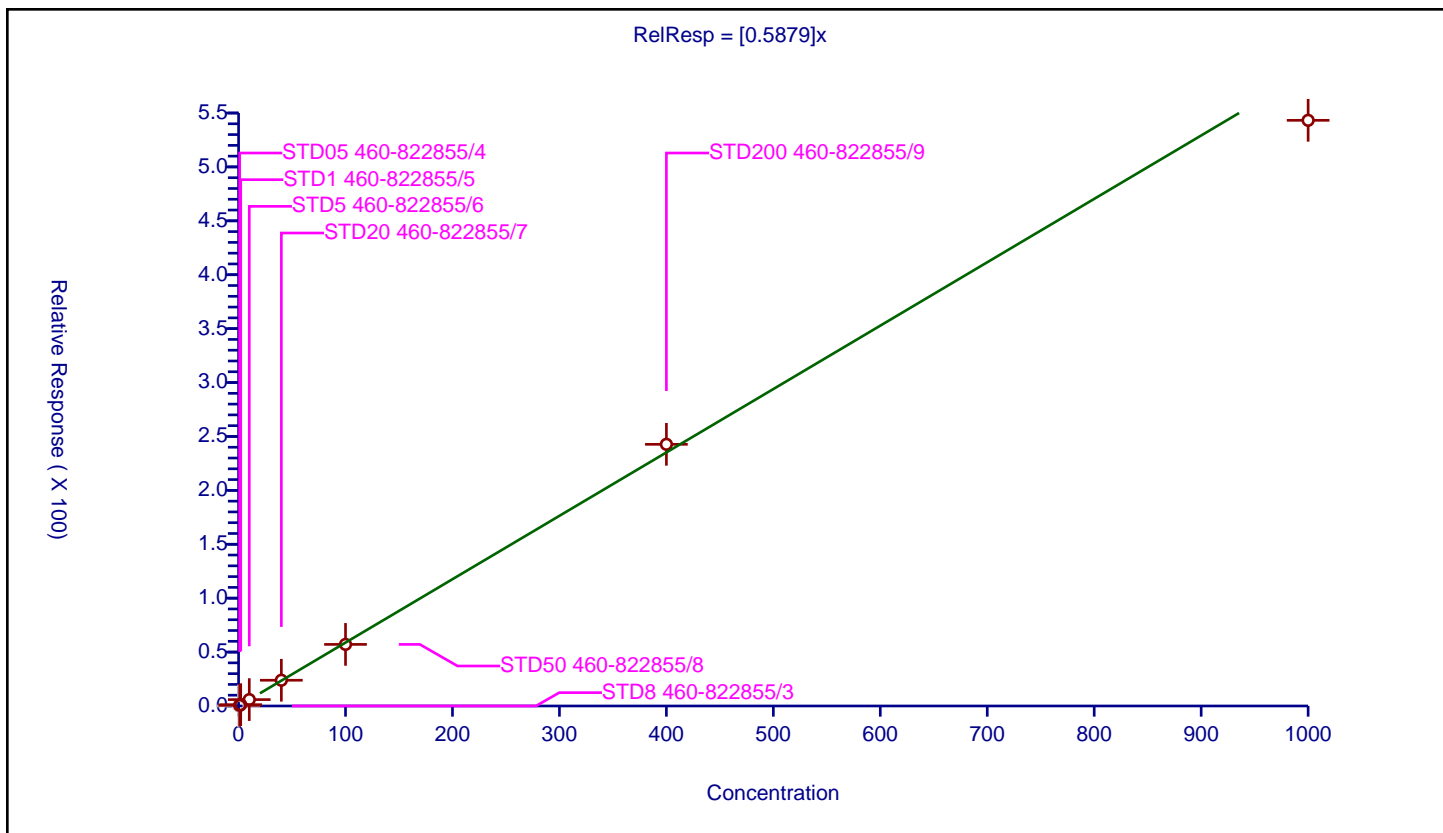
## Curve Coefficients

Intercept: 0  
 Slope: 0.5879

## Error Coefficients

Standard Error: 381000  
 Relative Standard Error: 4.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	1.0	0.592314	250.0	344834.0	0.592314	Y
3	STD1 460-822855/5	2.0	1.224441	250.0	328313.0	0.612221	Y
4	STD5 460-822855/6	10.0	5.92786	250.0	327226.0	0.592786	Y
5	STD20 460-822855/7	40.0	23.877993	250.0	323572.0	0.59695	Y
6	STD50 460-822855/8	100.0	57.129803	250.0	345809.0	0.571298	Y
7	STD200 460-822855/9	400.0	242.708094	250.0	352377.0	0.60677	Y
8	STD500 460-822855/10	1000.0	543.232096	250.0	398107.0	0.543232	Y



# Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

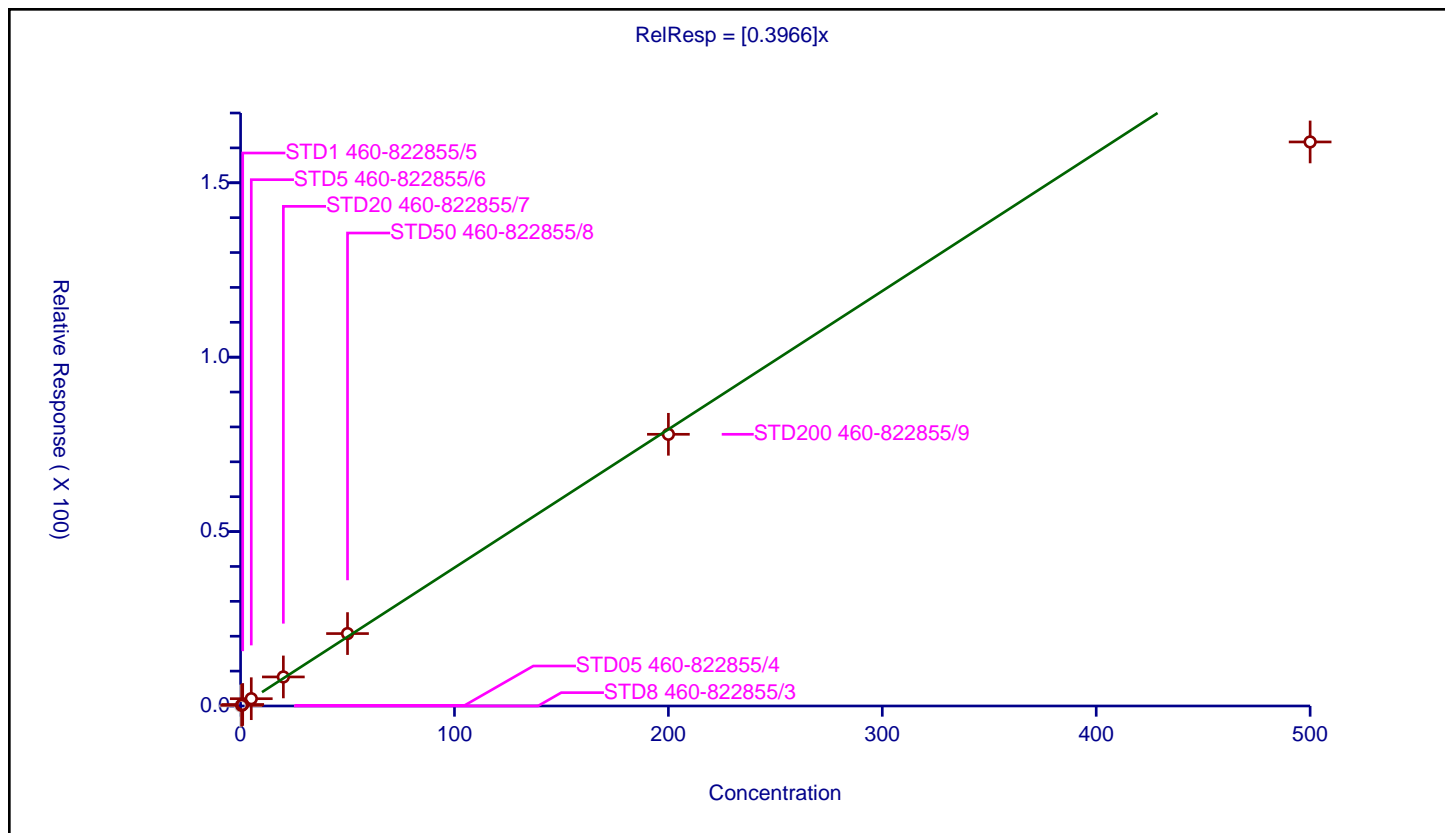
## Curve Coefficients

Intercept: 0  
 Slope: 0.3966

## Error Coefficients

Standard Error: 861000  
 Relative Standard Error: 9.3  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.190641	50.0	595885.0	0.381282	Y
3	STD1 460-822855/5	1.0	0.431933	50.0	553327.0	0.431933	Y
4	STD5 460-822855/6	5.0	2.090253	50.0	559980.0	0.418051	Y
5	STD20 460-822855/7	20.0	8.332931	50.0	559173.0	0.416647	Y
6	STD50 460-822855/8	50.0	20.757771	50.0	566583.0	0.415155	Y
7	STD200 460-822855/9	200.0	77.891524	50.0	541116.0	0.389458	Y
8	STD500 460-822855/10	500.0	161.705815	50.0	592919.0	0.323412	Y



# Calibration

/ Tert-butyl ethyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

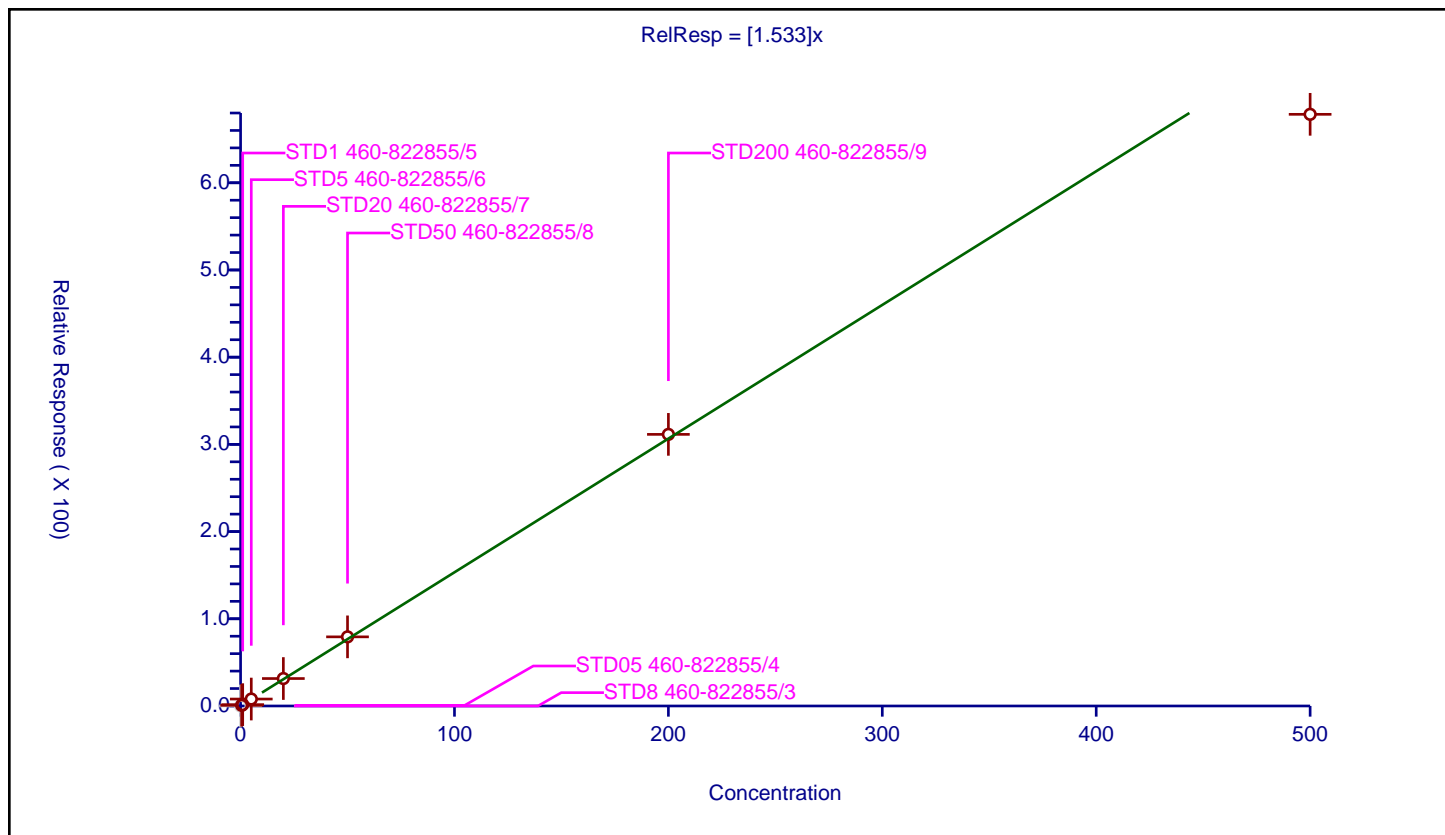
## Curve Coefficients

Intercept: 0  
 Slope: 1.533

## Error Coefficients

Standard Error: 3580000  
 Relative Standard Error: 5.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.757109	50.0	595885.0	1.514218	Y
3	STD1 460-822855/5	1.0	1.549084	50.0	553327.0	1.549084	Y
4	STD5 460-822855/6	5.0	7.968052	50.0	559980.0	1.59361	Y
5	STD20 460-822855/7	20.0	31.477825	50.0	559173.0	1.573891	Y
6	STD50 460-822855/8	50.0	79.294296	50.0	566583.0	1.585886	Y
7	STD200 460-822855/9	200.0	311.473695	50.0	541116.0	1.557368	Y
8	STD500 460-822855/10	500.0	678.514435	50.0	592919.0	1.357029	Y



## Calibration

/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

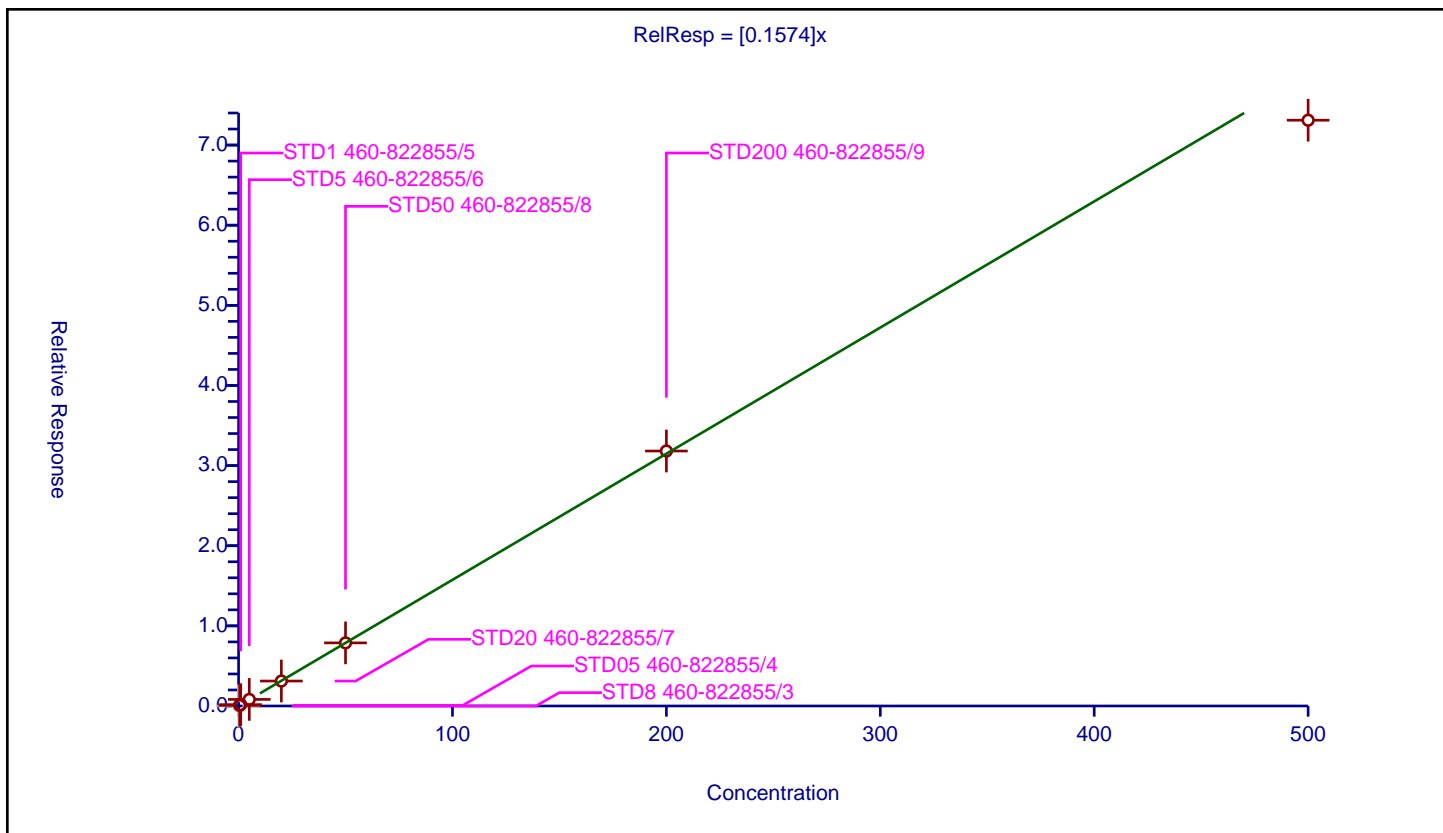
### Curve Coefficients

Intercept: 0  
 Slope: 0.1574

### Error Coefficients

Standard Error: 383000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.076357	50.0	595885.0	0.152714	Y
3	STD1 460-822855/5	1.0	0.166809	50.0	553327.0	0.166809	Y
4	STD5 460-822855/6	5.0	0.819672	50.0	559980.0	0.163934	Y
5	STD20 460-822855/7	20.0	3.111559	50.0	559173.0	0.155578	Y
6	STD50 460-822855/8	50.0	7.876516	50.0	566583.0	0.15753	Y
7	STD200 460-822855/9	200.0	31.818686	50.0	541116.0	0.159093	Y
8	STD500 460-822855/10	500.0	73.100373	50.0	592919.0	0.146201	Y



# Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

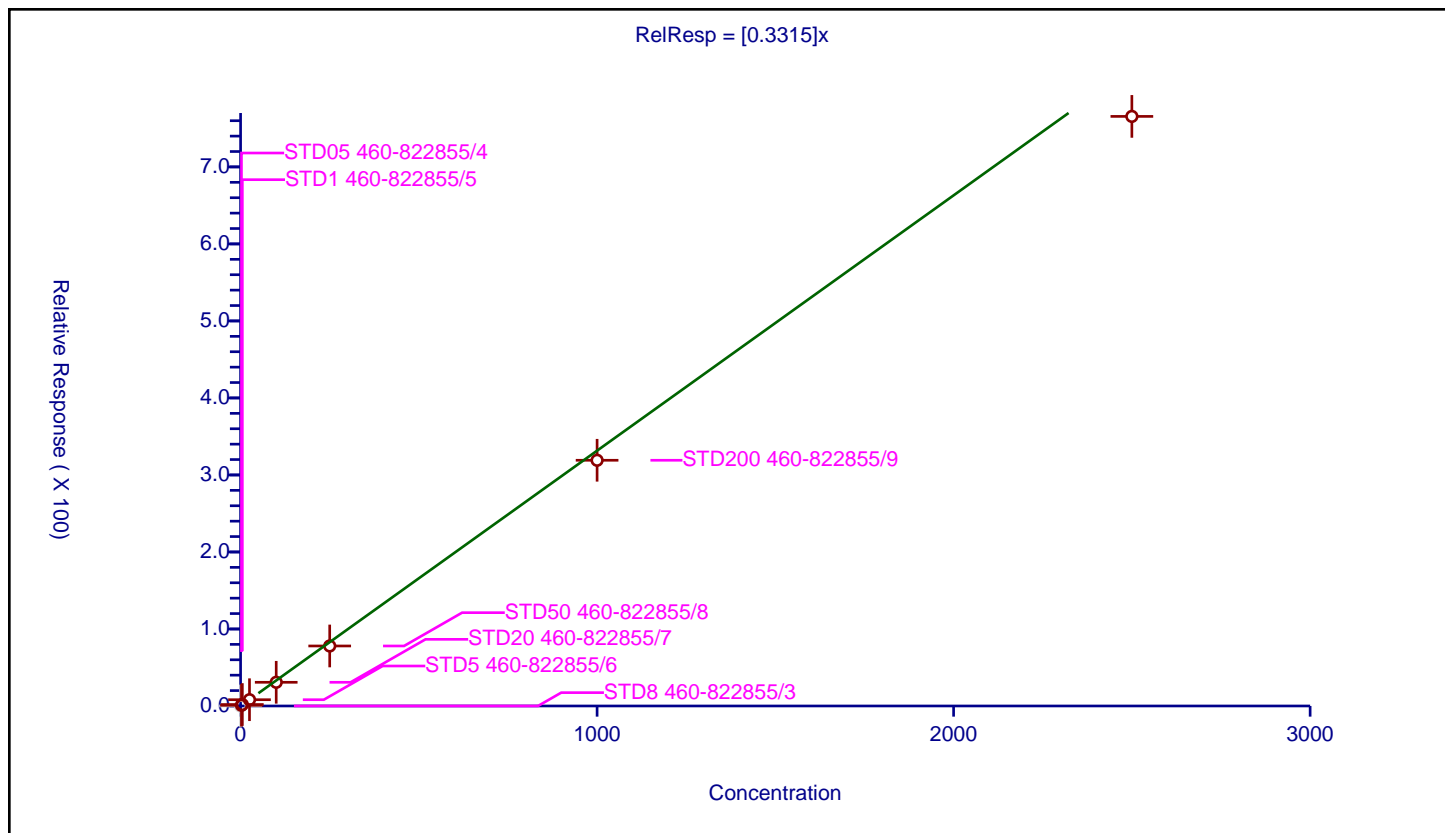
## Curve Coefficients

Intercept: 0  
 Slope: 0.3315

## Error Coefficients

Standard Error: 532000  
 Relative Standard Error: 9.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	2.5	0.927258	250.0	344834.0	0.370903	Y
3	STD1 460-822855/5	5.0	1.895295	250.0	328313.0	0.379059	Y
4	STD5 460-822855/6	25.0	8.152622	250.0	327226.0	0.326105	Y
5	STD20 460-822855/7	100.0	30.762087	250.0	323572.0	0.307621	Y
6	STD50 460-822855/8	250.0	77.939701	250.0	345809.0	0.311759	Y
7	STD200 460-822855/9	1000.0	319.080842	250.0	352377.0	0.319081	Y
8	STD500 460-822855/10	2500.0	765.594426	250.0	398107.0	0.306238	Y



# Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

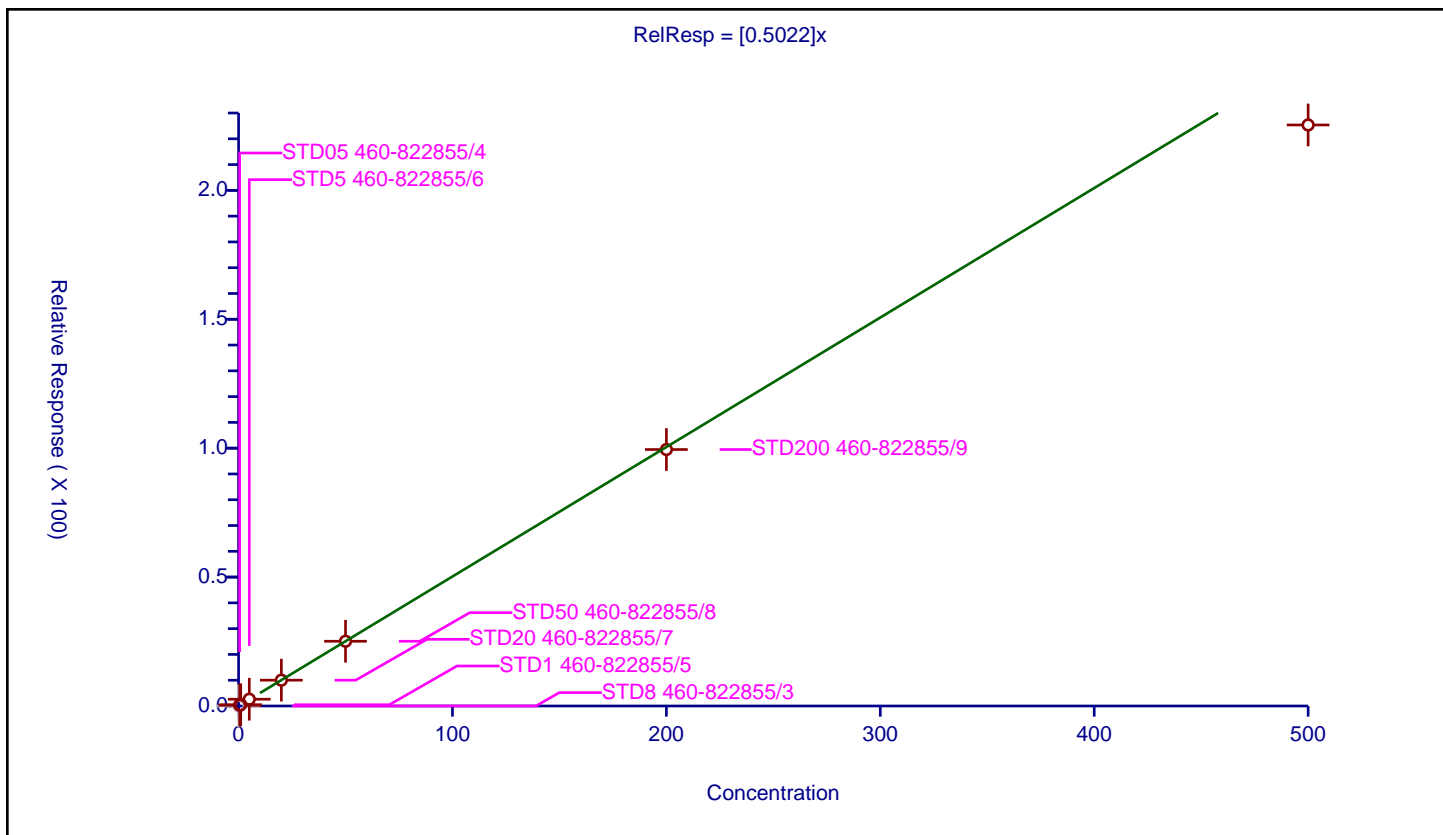
## Curve Coefficients

Intercept: 0  
 Slope: 0.5022

## Error Coefficients

Standard Error: 1180000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.275053	50.0	595885.0	0.550106	Y
3	STD1 460-822855/5	1.0	0.490578	50.0	553327.0	0.490578	Y
4	STD5 460-822855/6	5.0	2.620897	50.0	559980.0	0.524179	Y
5	STD20 460-822855/7	20.0	10.009872	50.0	559173.0	0.500494	Y
6	STD50 460-822855/8	50.0	25.110531	50.0	566583.0	0.502211	Y
7	STD200 460-822855/9	200.0	99.472202	50.0	541116.0	0.497361	Y
8	STD500 460-822855/10	500.0	225.370413	50.0	592919.0	0.450741	Y



## Calibration

/ Ethyl acetate

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

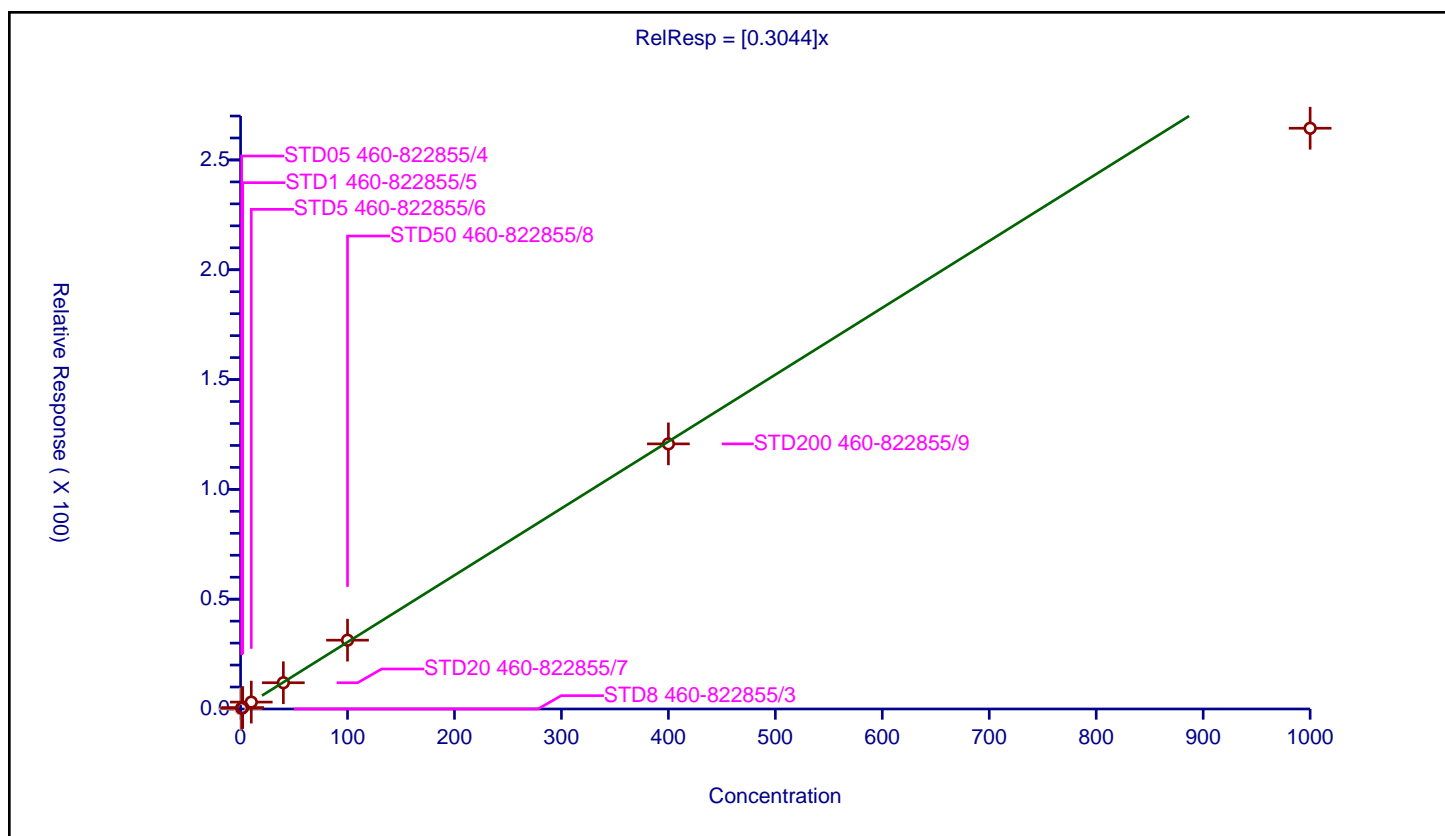
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.3044

## Error Coefficients

**Standard Error:** 186000  
**Relative Standard Error:** 6.5  
**Correlation Coefficient:** 1.000  
**Coefficient of Determination (Adjusted):** 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	1.0	0.312469	250.0	344834.0	0.312469	Y
3	STD1 460-822855/5	2.0	0.65334	250.0	328313.0	0.32667	Y
4	STD5 460-822855/6	10.0	3.135448	250.0	327226.0	0.313545	Y
5	STD20 460-822855/7	40.0	11.957153	250.0	323572.0	0.298929	Y
6	STD50 460-822855/8	100.0	31.330156	250.0	345809.0	0.313302	Y
7	STD200 460-822855/9	400.0	120.715172	250.0	352377.0	0.301788	Y
8	STD500 460-822855/10	1000.0	264.432678	250.0	398107.0	0.264433	Y





# Calibration

/ Methyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

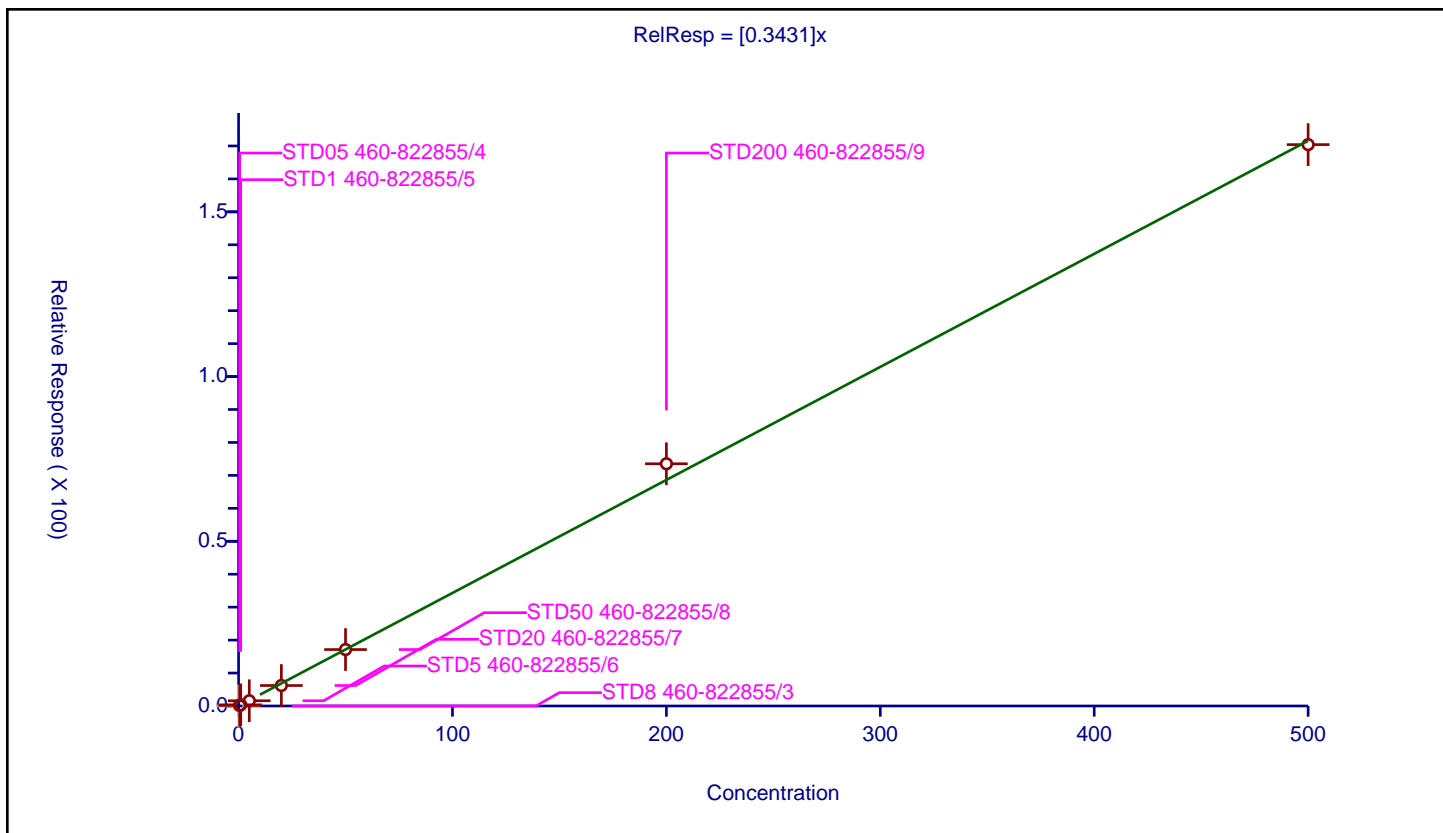
## Curve Coefficients

Intercept: 0  
 Slope: 0.3431

## Error Coefficients

Standard Error: 891000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.184096	50.0	595885.0	0.368192	Y
3	STD1 460-822855/5	1.0	0.353227	50.0	553327.0	0.353227	Y
4	STD5 460-822855/6	5.0	1.592378	50.0	559980.0	0.318476	Y
5	STD20 460-822855/7	20.0	6.215161	50.0	559173.0	0.310758	Y
6	STD50 460-822855/8	50.0	17.133853	50.0	566583.0	0.342677	Y
7	STD200 460-822855/9	200.0	73.526286	50.0	541116.0	0.367631	Y
8	STD500 460-822855/10	500.0	170.409112	50.0	592919.0	0.340818	Y



# Calibration

/ Propionitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

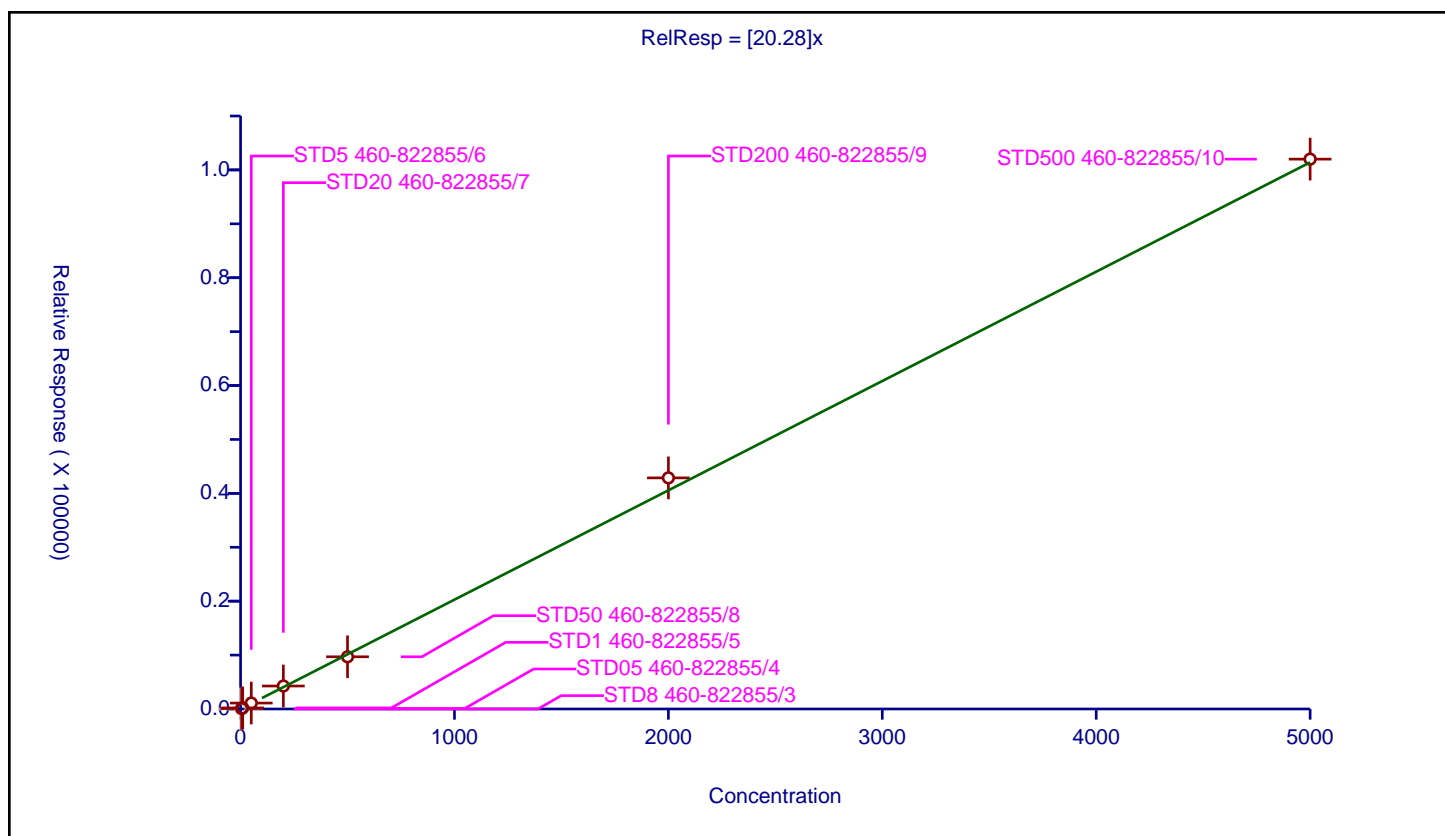
## Curve Coefficients

Intercept: 0  
 Slope: 20.28

## Error Coefficients

Standard Error: 1410000  
 Relative Standard Error: 7.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	1000.0	35501.0	NaN	N
2	STD05 460-822855/4	5.0	88.614075	1000.0	37116.0	17.722815	Y
3	STD1 460-822855/5	10.0	197.421117	1000.0	32960.0	19.742112	Y
4	STD5 460-822855/6	50.0	1099.924449	1000.0	30443.0	21.998489	Y
5	STD20 460-822855/7	200.0	4259.692201	1000.0	28915.0	21.298461	Y
6	STD50 460-822855/8	500.0	9681.437194	1000.0	34957.0	19.362874	Y
7	STD200 460-822855/9	2000.0	42873.421061	1000.0	30321.0	21.436711	Y
8	STD500 460-822855/10	5000.0	101998.889574	1000.0	32420.0	20.399778	Y



# Calibration

/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

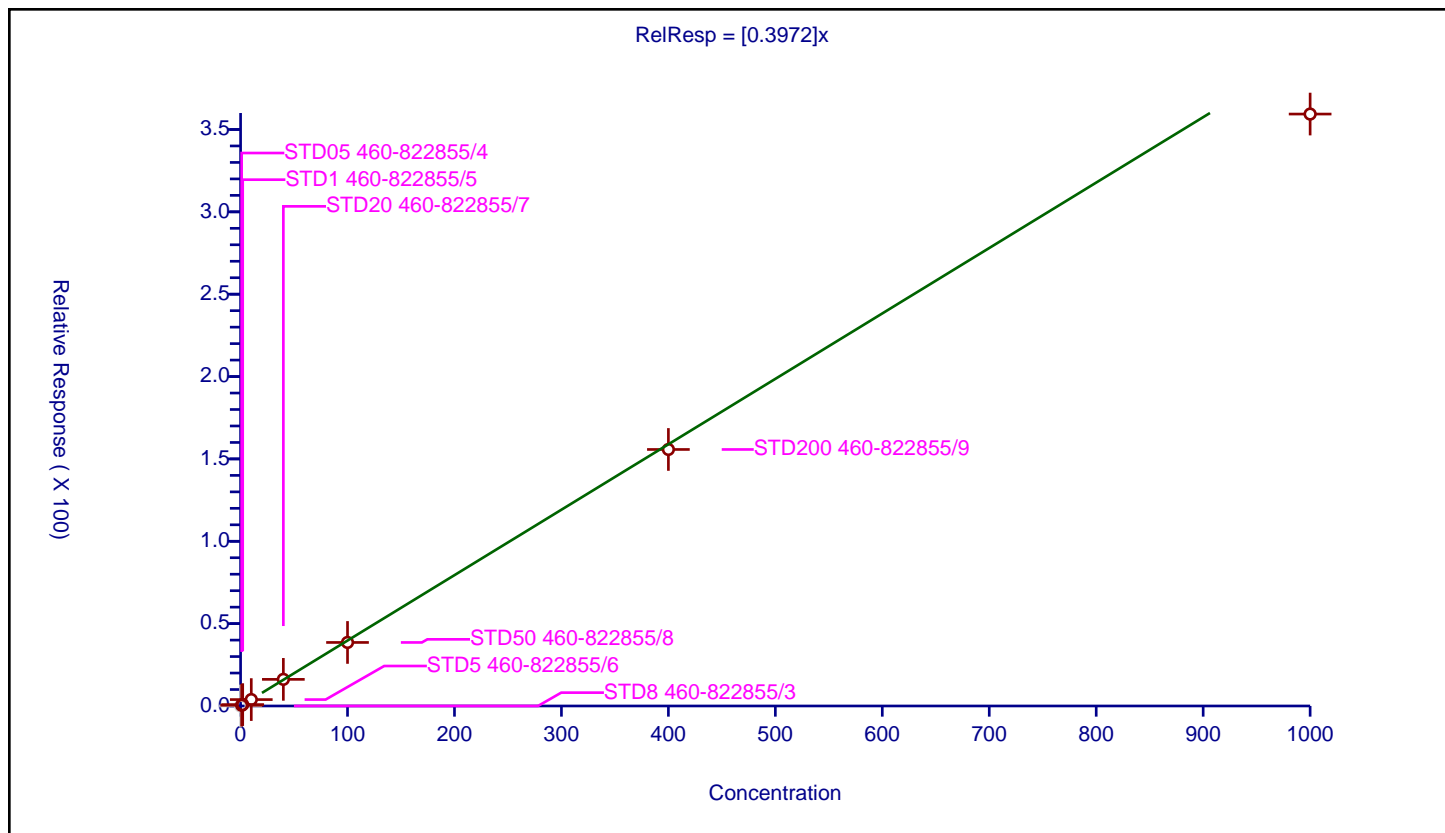
## Curve Coefficients

Intercept: 0  
 Slope: 0.3972

## Error Coefficients

Standard Error: 251000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	1.0	0.437892	250.0	344834.0	0.437892	Y
3	STD1 460-822855/5	2.0	0.830001	250.0	328313.0	0.415	Y
4	STD5 460-822855/6	10.0	3.88875	250.0	327226.0	0.388875	Y
5	STD20 460-822855/7	40.0	16.16719	250.0	323572.0	0.40418	Y
6	STD50 460-822855/8	100.0	38.571148	250.0	345809.0	0.385711	Y
7	STD200 460-822855/9	400.0	155.737321	250.0	352377.0	0.389343	Y
8	STD500 460-822855/10	1000.0	359.36821	250.0	398107.0	0.359368	Y



# Calibration

/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

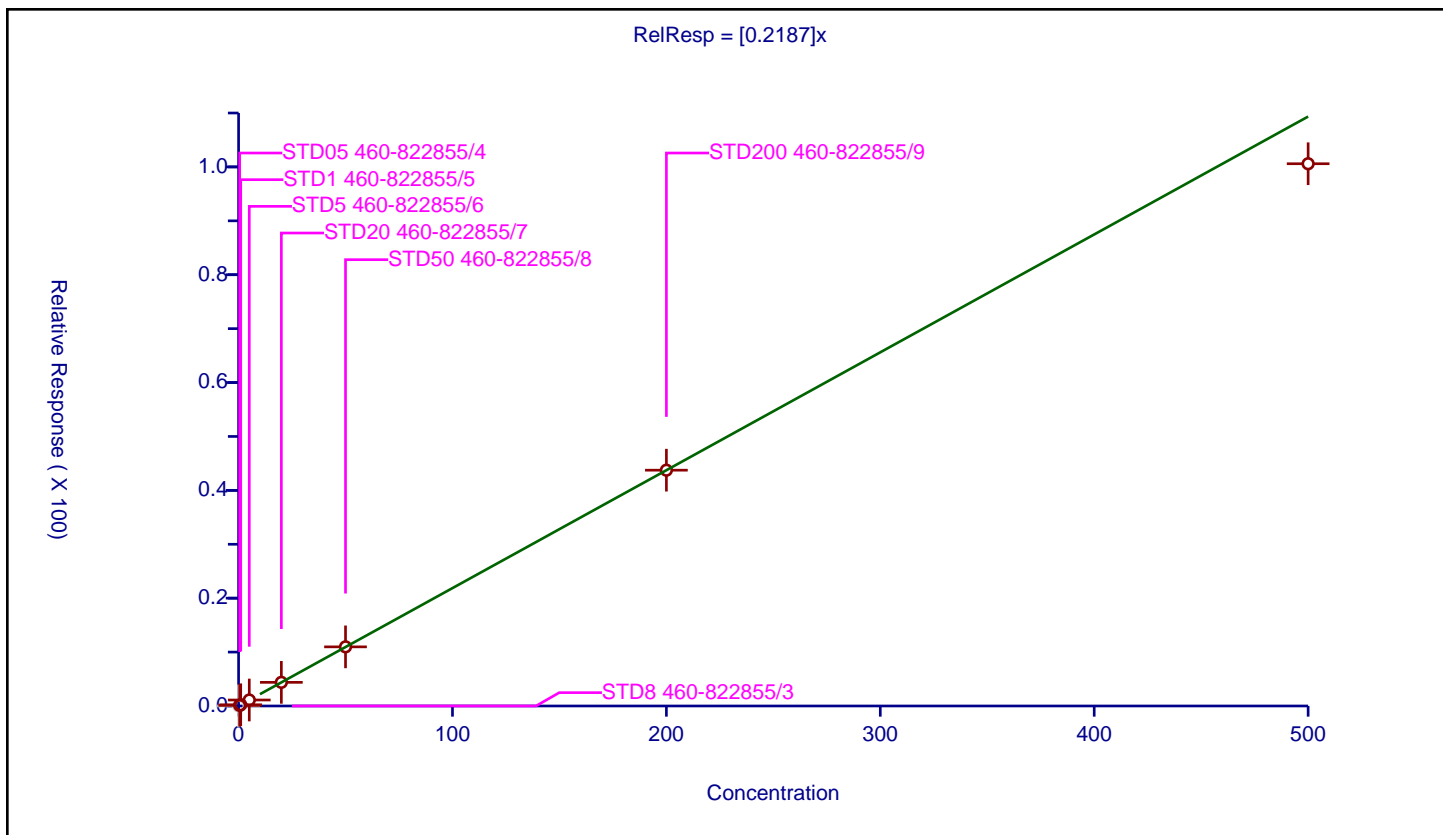
## Curve Coefficients

Intercept: 0  
 Slope: 0.2187

## Error Coefficients

Standard Error: 527000  
 Relative Standard Error: 3.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.113613	50.0	595885.0	0.227225	Y
3	STD1 460-822855/5	1.0	0.223466	50.0	553327.0	0.223466	Y
4	STD5 460-822855/6	5.0	1.108165	50.0	559980.0	0.221633	Y
5	STD20 460-822855/7	20.0	4.383348	50.0	559173.0	0.219167	Y
6	STD50 460-822855/8	50.0	10.969355	50.0	566583.0	0.219387	Y
7	STD200 460-822855/9	200.0	43.743393	50.0	541116.0	0.218717	Y
8	STD500 460-822855/10	500.0	100.591733	50.0	592919.0	0.201183	Y



# Calibration

/ Methacrylonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

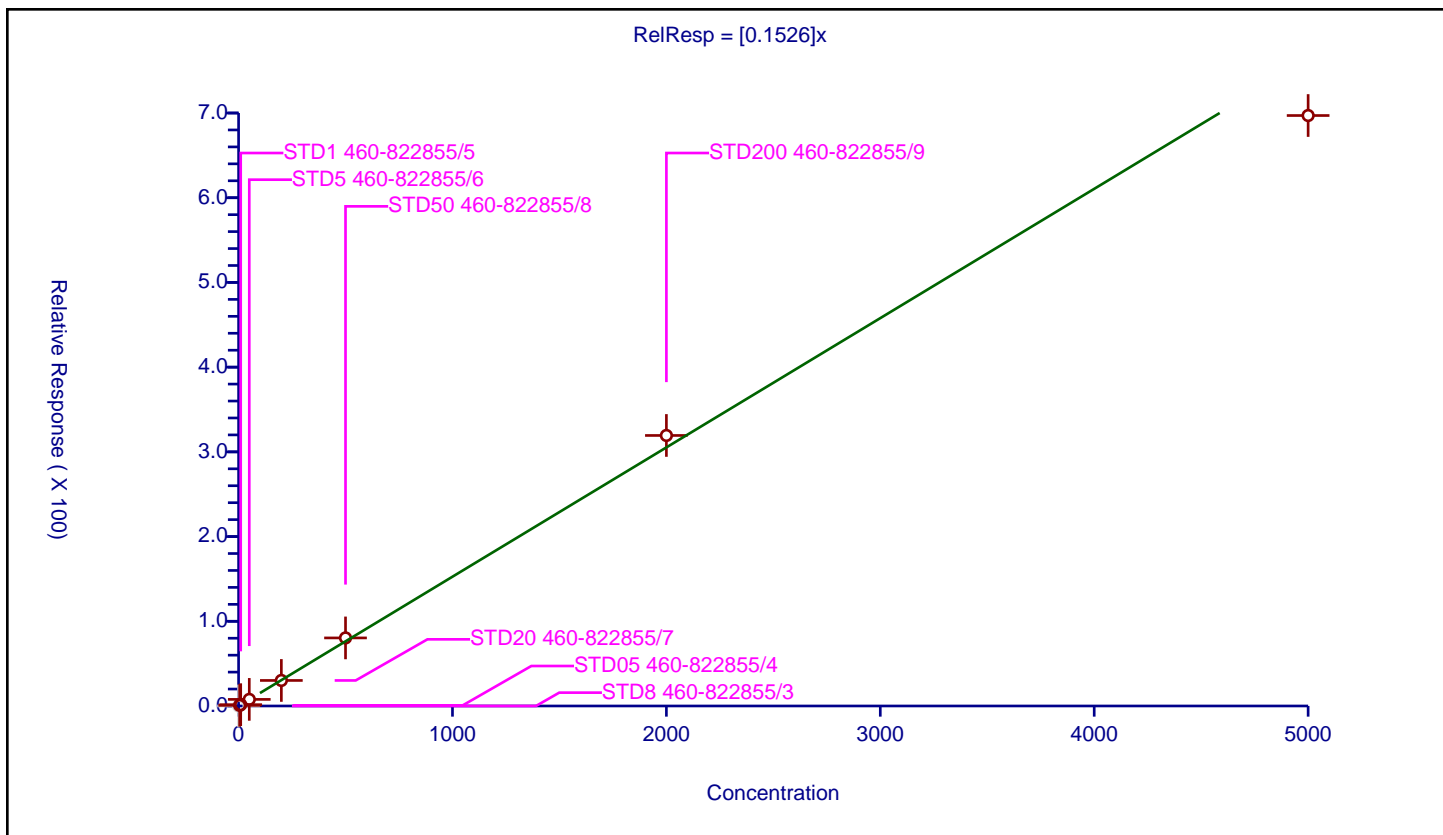
## Curve Coefficients

Intercept: 0  
 Slope: 0.1526

## Error Coefficients

Standard Error: 3680000  
 Relative Standard Error: 4.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	5.0	0.737894	50.0	595885.0	0.147579	Y
3	STD1 460-822855/5	10.0	1.547548	50.0	553327.0	0.154755	Y
4	STD5 460-822855/6	50.0	7.779117	50.0	559980.0	0.155582	Y
5	STD20 460-822855/7	200.0	30.127081	50.0	559173.0	0.150635	Y
6	STD50 460-822855/8	500.0	80.357335	50.0	566583.0	0.160715	Y
7	STD200 460-822855/9	2000.0	319.343911	50.0	541116.0	0.159672	Y
8	STD500 460-822855/10	5000.0	697.044875	50.0	592919.0	0.139409	Y



# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

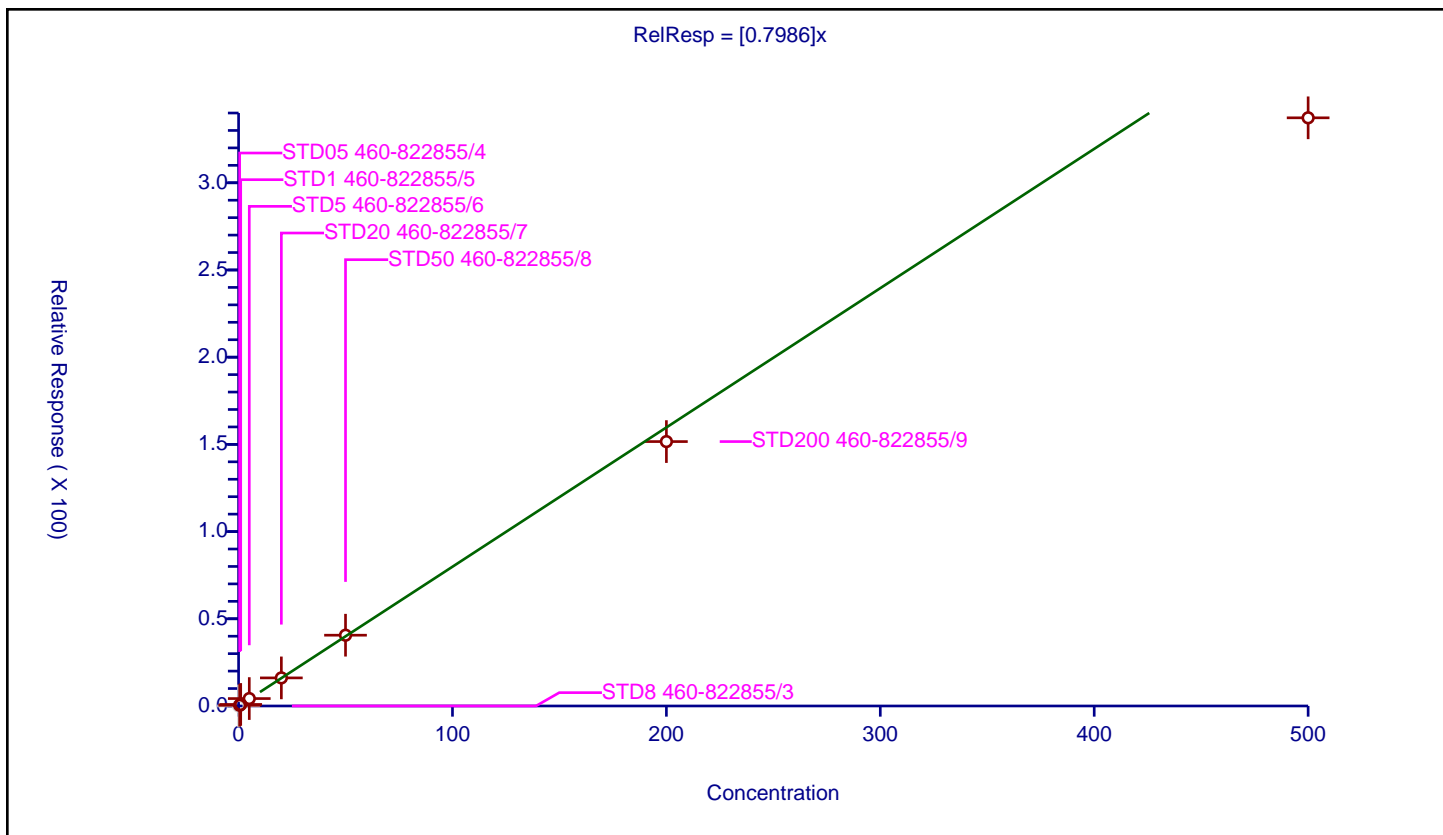
## Curve Coefficients

Intercept: 0  
 Slope: 0.7986

## Error Coefficients

Standard Error: 1780000  
 Relative Standard Error: 8.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.408804	50.0	595885.0	0.817607	Y
3	STD1 460-822855/5	1.0	0.872359	50.0	553327.0	0.872359	Y
4	STD5 460-822855/6	5.0	4.253902	50.0	559980.0	0.85078	Y
5	STD20 460-822855/7	20.0	16.105928	50.0	559173.0	0.805296	Y
6	STD50 460-822855/8	50.0	40.581433	50.0	566583.0	0.811629	Y
7	STD200 460-822855/9	200.0	151.603723	50.0	541116.0	0.758019	Y
8	STD500 460-822855/10	500.0	337.254667	50.0	592919.0	0.674509	Y



# Calibration

/ Cyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

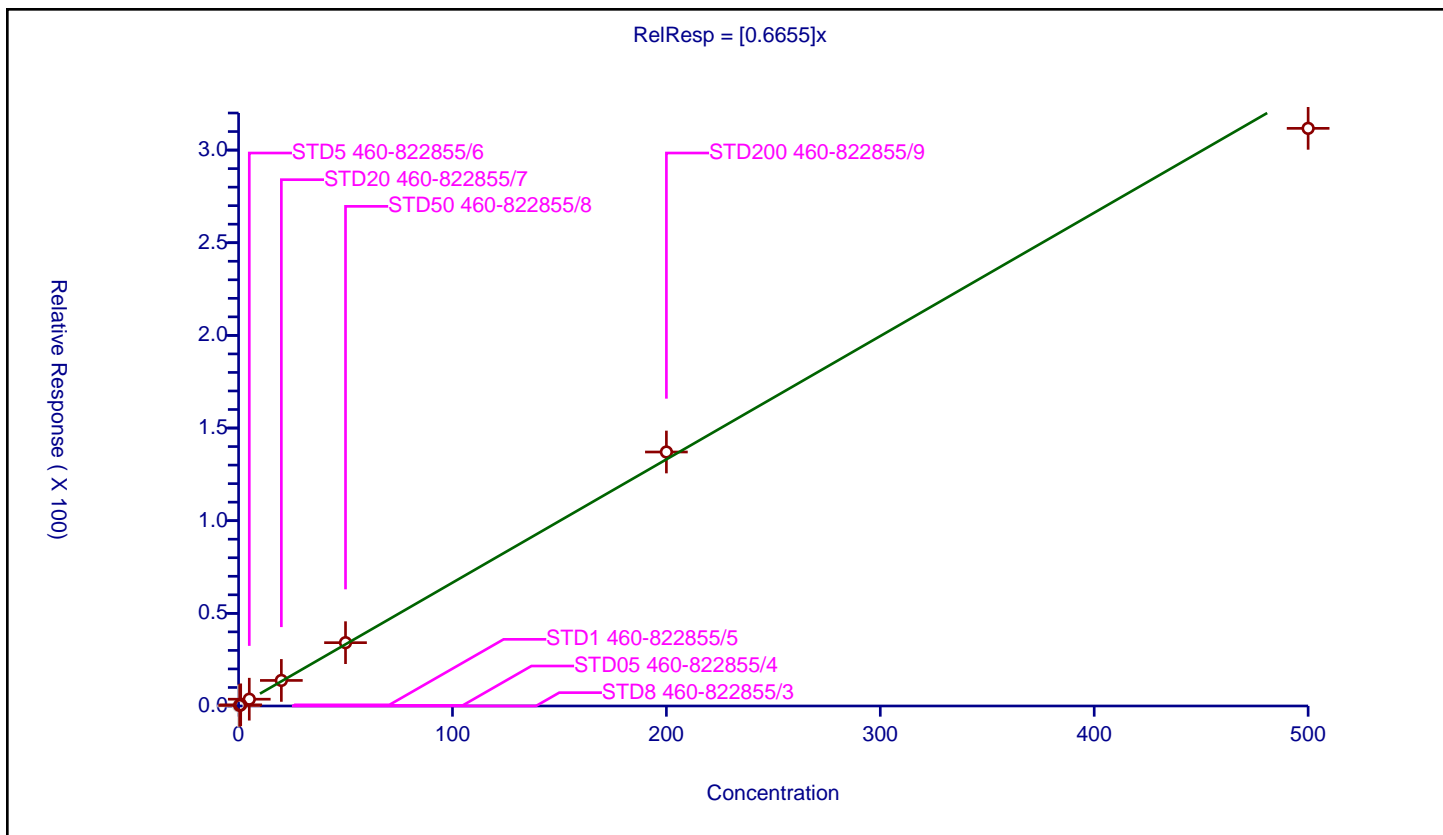
## Curve Coefficients

Intercept: 0  
 Slope: 0.6655

## Error Coefficients

Standard Error: 1630000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.310211	50.0	595885.0	0.620422	Y
3	STD1 460-822855/5	1.0	0.624585	50.0	553327.0	0.624585	Y
4	STD5 460-822855/6	5.0	3.656381	50.0	559980.0	0.731276	Y
5	STD20 460-822855/7	20.0	13.791617	50.0	559173.0	0.689581	Y
6	STD50 460-822855/8	50.0	34.176811	50.0	566583.0	0.683536	Y
7	STD200 460-822855/9	200.0	137.063217	50.0	541116.0	0.685316	Y
8	STD500 460-822855/10	500.0	311.731619	50.0	592919.0	0.623463	Y



# Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

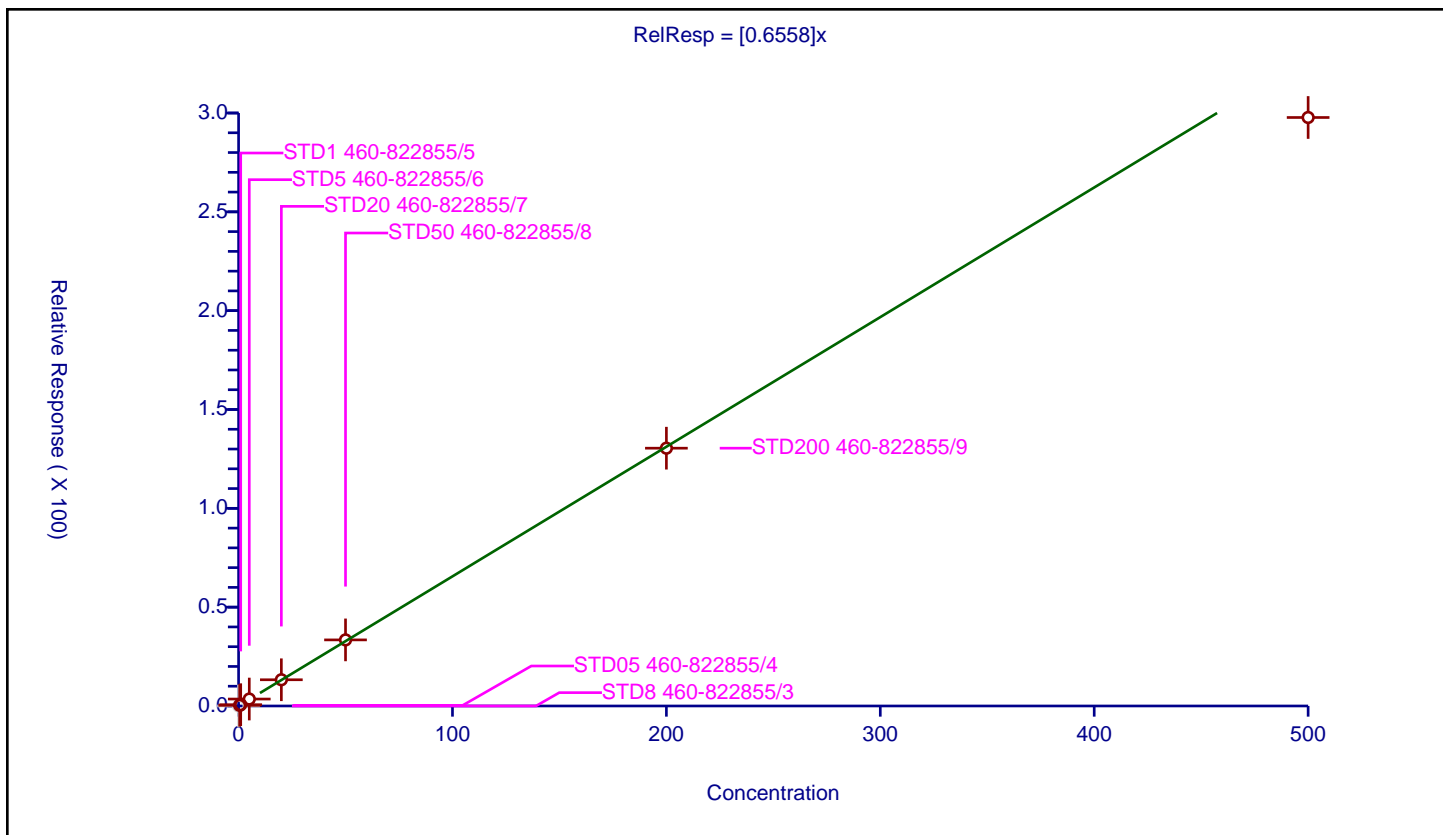
## Curve Coefficients

Intercept: 0  
 Slope: 0.6558

## Error Coefficients

Standard Error: 1560000  
 Relative Standard Error: 4.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.325734	50.0	595885.0	0.651468	Y
3	STD1 460-822855/5	1.0	0.657387	50.0	553327.0	0.657387	Y
4	STD5 460-822855/6	5.0	3.510215	50.0	559980.0	0.702043	Y
5	STD20 460-822855/7	20.0	13.270043	50.0	559173.0	0.663502	Y
6	STD50 460-822855/8	50.0	33.433054	50.0	566583.0	0.668661	Y
7	STD200 460-822855/9	200.0	130.422867	50.0	541116.0	0.652114	Y
8	STD500 460-822855/10	500.0	297.737128	50.0	592919.0	0.595474	Y





# Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

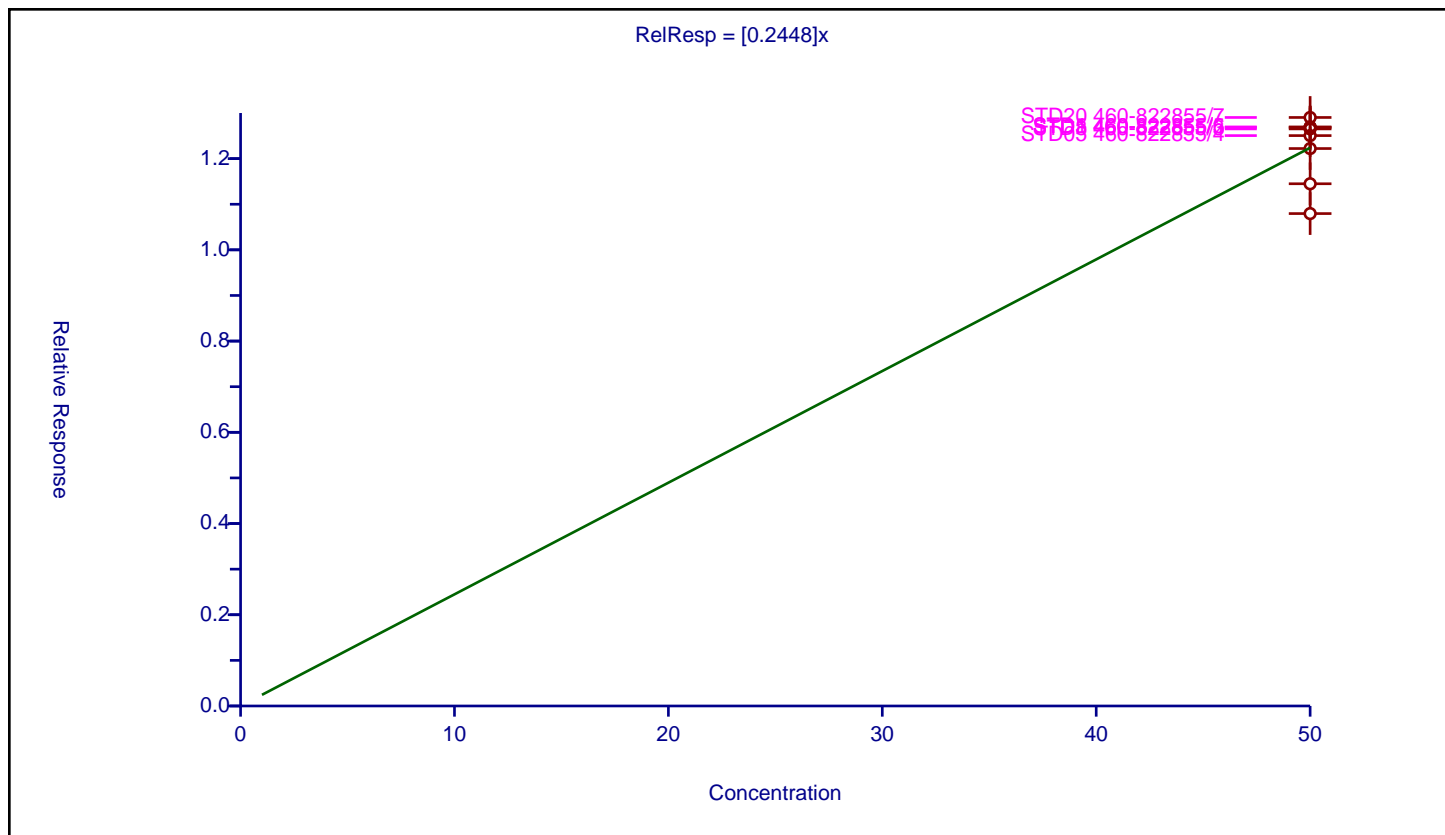
## Curve Coefficients

Intercept: 0  
 Slope: 0.2448

## Error Coefficients

Standard Error: 148000  
 Relative Standard Error: 6.0  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	50.0	12.651527	50.0	562193.0	0.253031	Y
2	STD05 460-822855/4	50.0	12.505097	50.0	595885.0	0.250102	Y
3	STD1 460-822855/5	50.0	12.687434	50.0	553327.0	0.253749	Y
4	STD5 460-822855/6	50.0	12.694025	50.0	559980.0	0.25388	Y
5	STD20 460-822855/7	50.0	12.902626	50.0	559173.0	0.258053	Y
6	STD50 460-822855/8	50.0	12.221069	50.0	566583.0	0.244421	Y
7	STD200 460-822855/9	50.0	11.448931	50.0	541116.0	0.228979	Y
8	STD500 460-822855/10	50.0	10.795319	50.0	592919.0	0.215906	Y



# Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

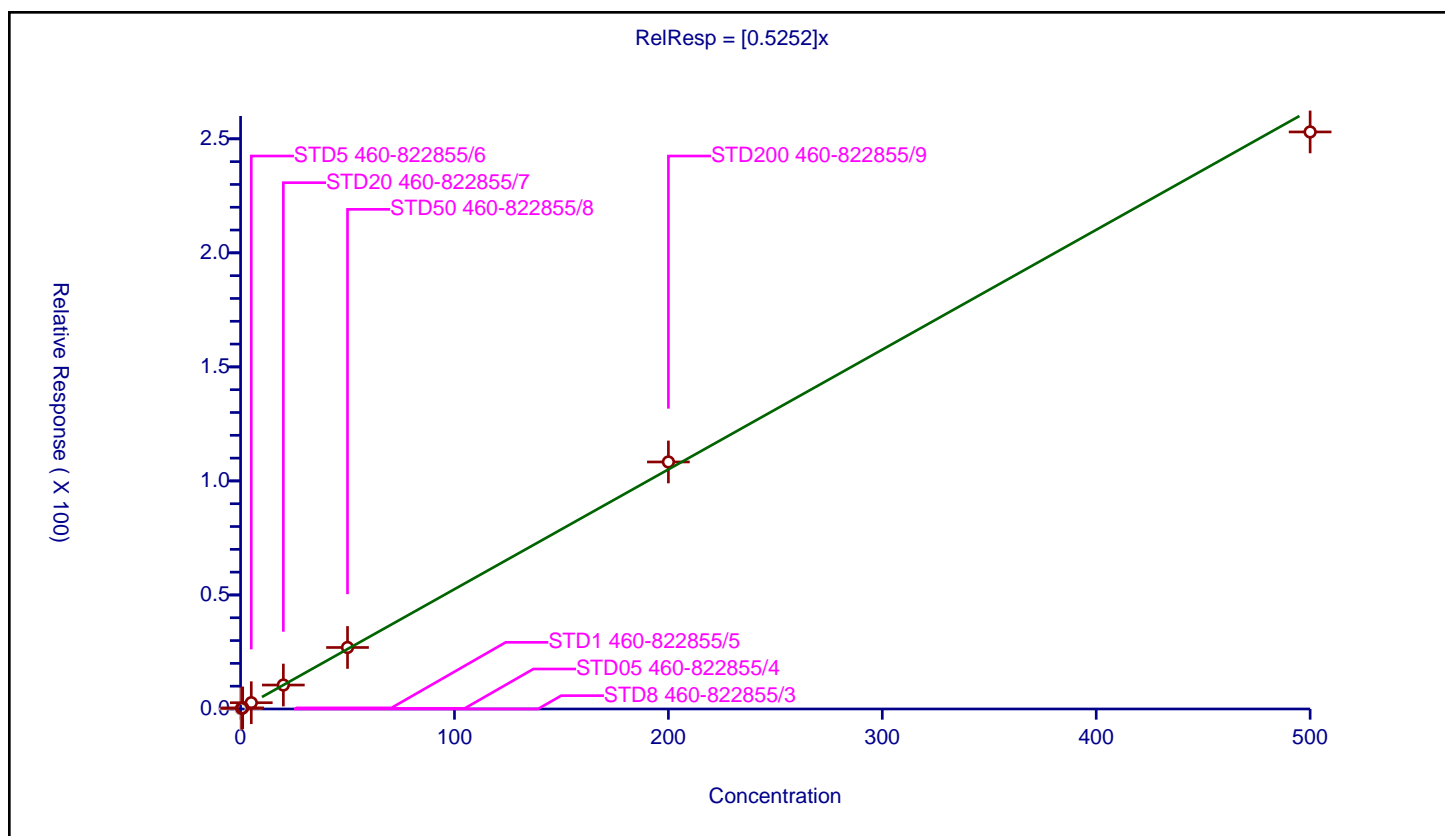
## Curve Coefficients

Intercept: 0  
 Slope: 0.5252

## Error Coefficients

Standard Error: 1320000  
 Relative Standard Error: 4.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.262299	50.0	595885.0	0.524598	Y
3	STD1 460-822855/5	1.0	0.487957	50.0	553327.0	0.487957	Y
4	STD5 460-822855/6	5.0	2.758938	50.0	559980.0	0.551788	Y
5	STD20 460-822855/7	20.0	10.50623	50.0	559173.0	0.525311	Y
6	STD50 460-822855/8	50.0	26.97107	50.0	566583.0	0.539421	Y
7	STD200 460-822855/9	200.0	108.315407	50.0	541116.0	0.541577	Y
8	STD500 460-822855/10	500.0	253.022082	50.0	592919.0	0.506044	Y



# Calibration

/ 1,1-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

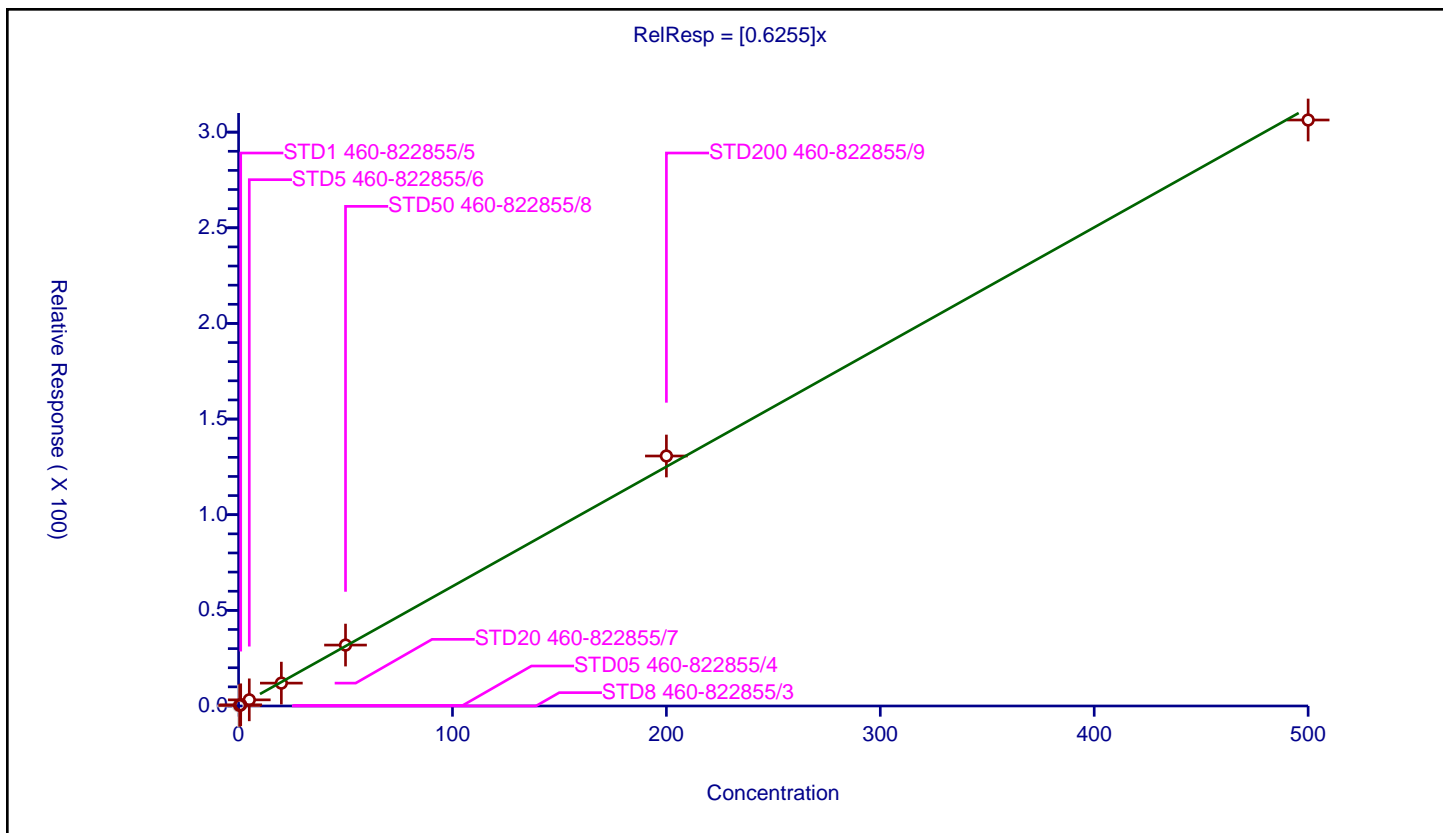
## Curve Coefficients

Intercept: 0  
 Slope: 0.6255

## Error Coefficients

Standard Error: 1600000  
 Relative Standard Error: 3.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.305009	50.0	595885.0	0.610017	Y
3	STD1 460-822855/5	1.0	0.625579	50.0	553327.0	0.625579	Y
4	STD5 460-822855/6	5.0	3.211633	50.0	559980.0	0.642327	Y
5	STD20 460-822855/7	20.0	11.950237	50.0	559173.0	0.597512	Y
6	STD50 460-822855/8	50.0	31.851291	50.0	566583.0	0.637026	Y
7	STD200 460-822855/9	200.0	130.696098	50.0	541116.0	0.65348	Y
8	STD500 460-822855/10	500.0	306.341085	50.0	592919.0	0.612682	Y



# Calibration

/ Isobutyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

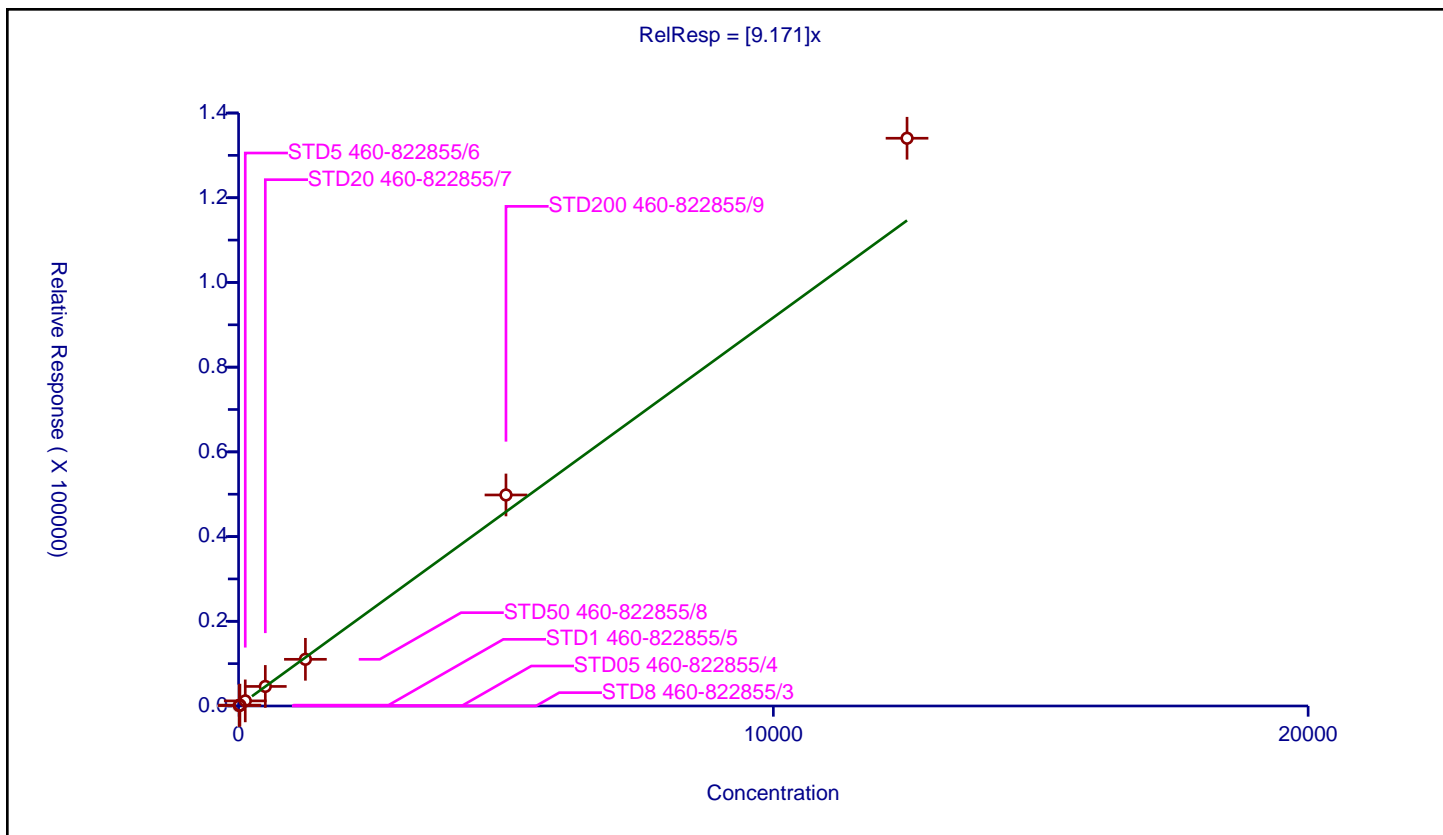
## Curve Coefficients

Intercept: 0  
 Slope: 9.171

## Error Coefficients

Standard Error: 1840000  
 Relative Standard Error: 11.5  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	1000.0	35501.0	NaN	N
2	STD05 460-822855/4	12.5	96.535187	1000.0	37116.0	7.722815	Y
3	STD1 460-822855/5	25.0	202.366505	1000.0	32960.0	8.09466	Y
4	STD5 460-822855/6	125.0	1204.447656	1000.0	30443.0	9.635581	Y
5	STD20 460-822855/7	500.0	4619.816704	1000.0	28915.0	9.239633	Y
6	STD50 460-822855/8	1250.0	11019.881569	1000.0	34957.0	8.815905	Y
7	STD200 460-822855/9	5000.0	49823.686554	1000.0	30321.0	9.964737	Y
8	STD500 460-822855/10	12500.0	134046.483652	1000.0	32420.0	10.723719	Y



# Calibration

/ Isooctane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

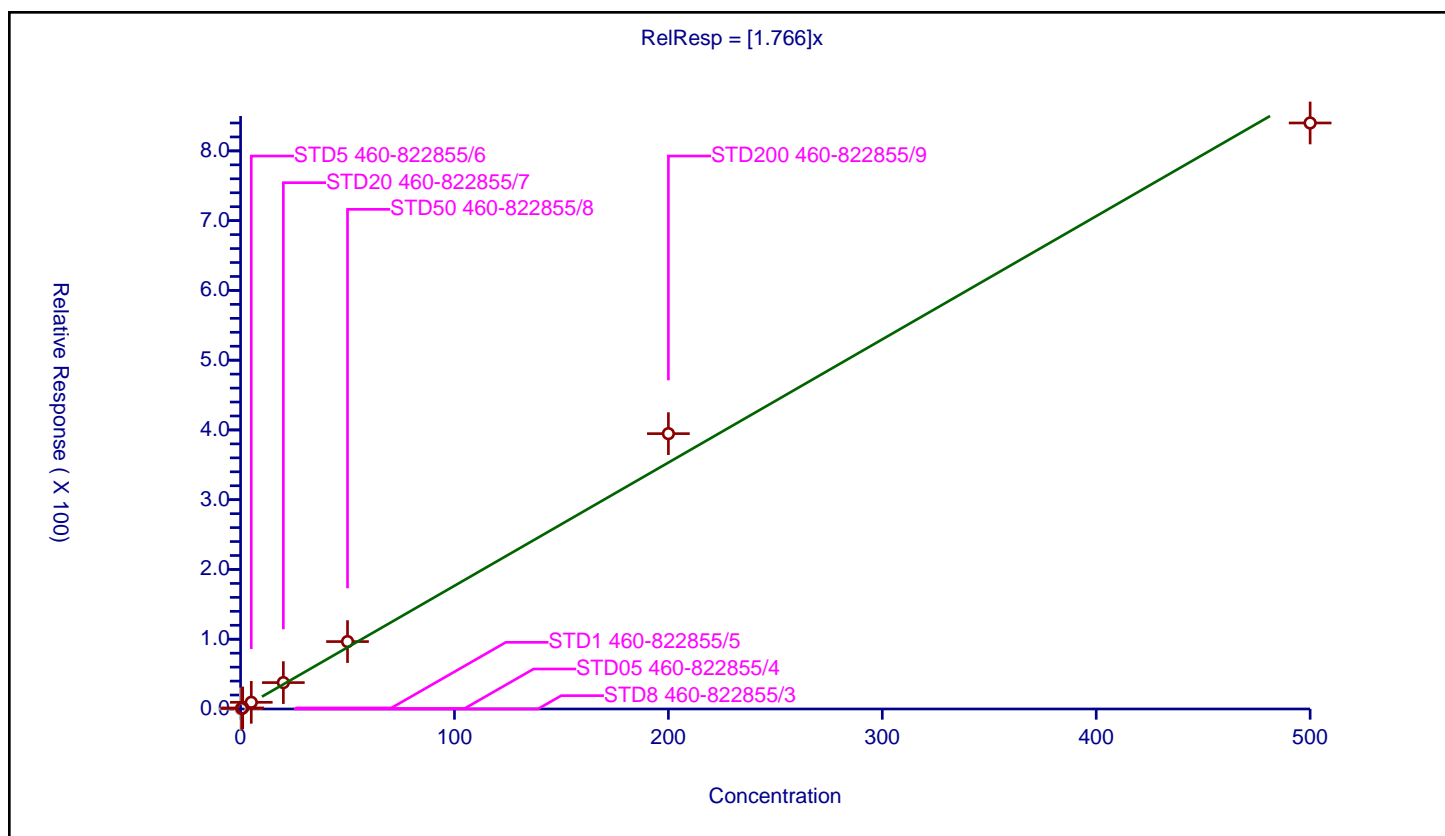
## Curve Coefficients

Intercept: 0  
 Slope: 1.766

## Error Coefficients

Standard Error: 4450000  
 Relative Standard Error: 12.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.731014	50.0	595885.0	1.462027	Y
3	STD1 460-822855/5	1.0	1.511041	50.0	553327.0	1.511041	Y
4	STD5 460-822855/6	5.0	9.567574	50.0	559980.0	1.913515	Y
5	STD20 460-822855/7	20.0	37.808335	50.0	559173.0	1.890417	Y
6	STD50 460-822855/8	50.0	96.633238	50.0	566583.0	1.932665	Y
7	STD200 460-822855/9	200.0	394.684504	50.0	541116.0	1.973423	Y
8	STD500 460-822855/10	500.0	840.021824	50.0	592919.0	1.680044	Y



## Calibration

/ Benzene

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

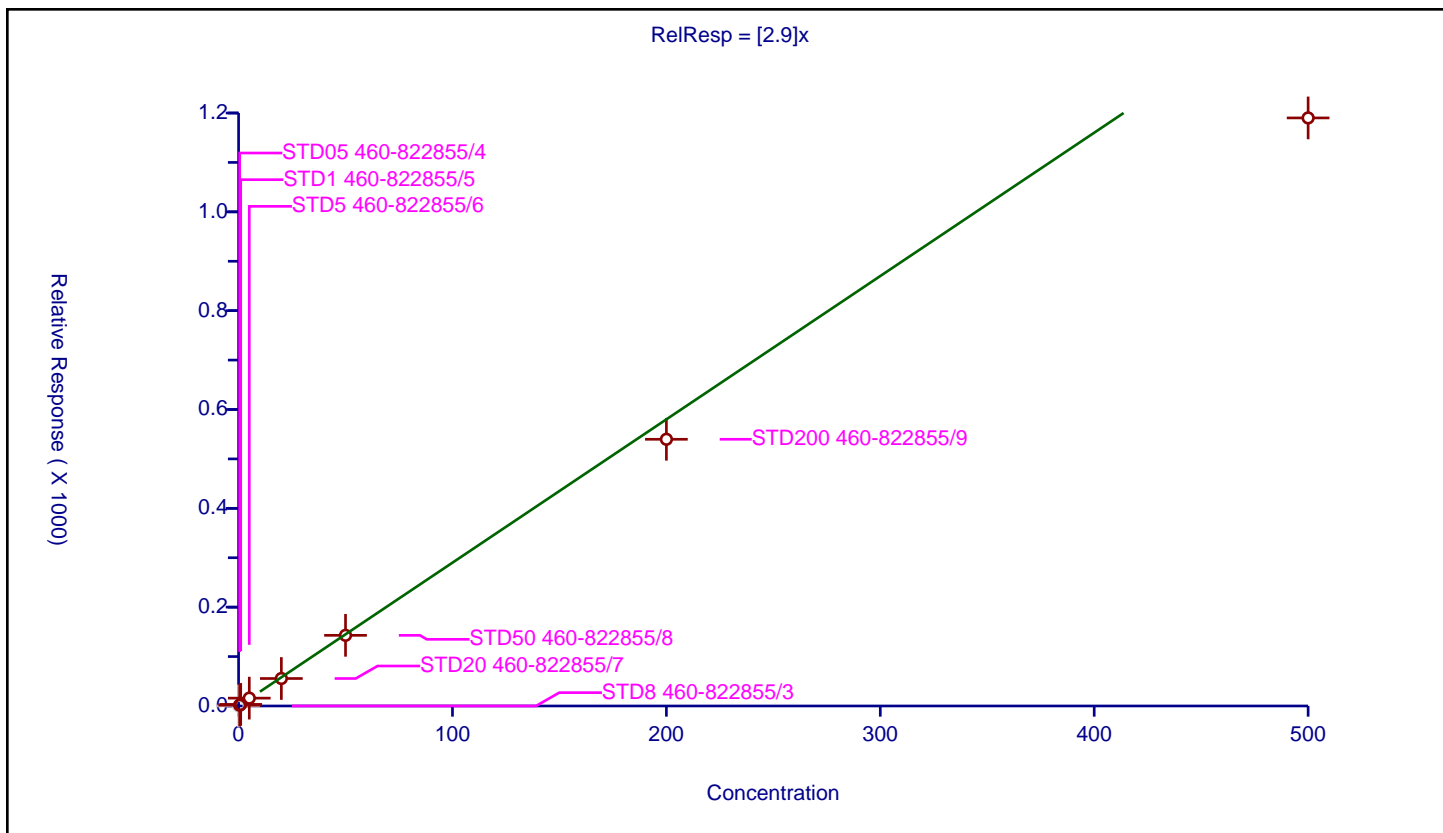
## Curve Coefficients

**Intercept:** 0  
**Slope:** 2.9

## Error Coefficients

**Standard Error:** 4380000  
**Relative Standard Error:** 10.8  
**Correlation Coefficient:** 1.000  
**Coefficient of Determination (Adjusted):** 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	1.59414	50.0	347115.0	3.188281	Y
3	STD1 460-822855/5	1.0	3.217879	50.0	325727.0	3.217879	Y
4	STD5 460-822855/6	5.0	15.882082	50.0	330111.0	3.176416	Y
5	STD20 460-822855/7	20.0	55.629861	50.0	351927.0	2.781493	Y
6	STD50 460-822855/8	50.0	142.982683	50.0	363914.0	2.859654	Y
7	STD200 460-822855/9	200.0	539.714979	50.0	369552.0	2.698575	Y
8	STD500 460-822855/10	500.0	1190.064594	50.0	415519.0	2.380129	Y



# Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

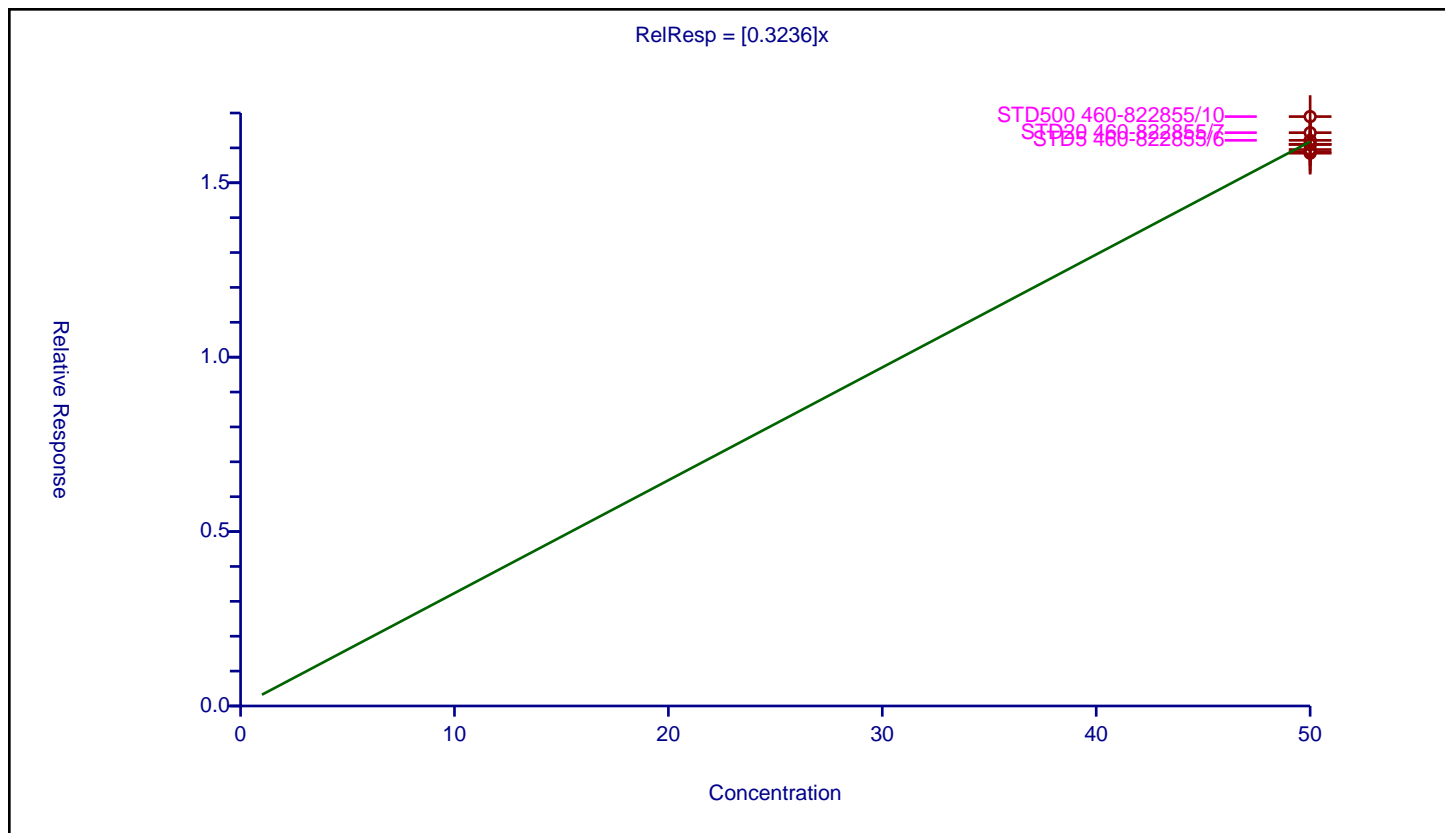
## Curve Coefficients

Intercept: 0  
 Slope: 0.3236

## Error Coefficients

Standard Error: 196000  
 Relative Standard Error: 2.1  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	50.0	15.880489	50.0	562193.0	0.31761	Y
2	STD05 460-822855/4	50.0	15.847773	50.0	595885.0	0.316955	Y
3	STD1 460-822855/5	50.0	16.102865	50.0	553327.0	0.322057	Y
4	STD5 460-822855/6	50.0	16.216918	50.0	559980.0	0.324338	Y
5	STD20 460-822855/7	50.0	16.436774	50.0	559173.0	0.328735	Y
6	STD50 460-822855/8	50.0	15.952473	50.0	566583.0	0.319049	Y
7	STD200 460-822855/9	50.0	16.098581	50.0	541116.0	0.321972	Y
8	STD500 460-822855/10	50.0	16.897502	50.0	592919.0	0.33795	Y



# Calibration

/ Tert-amyl methyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

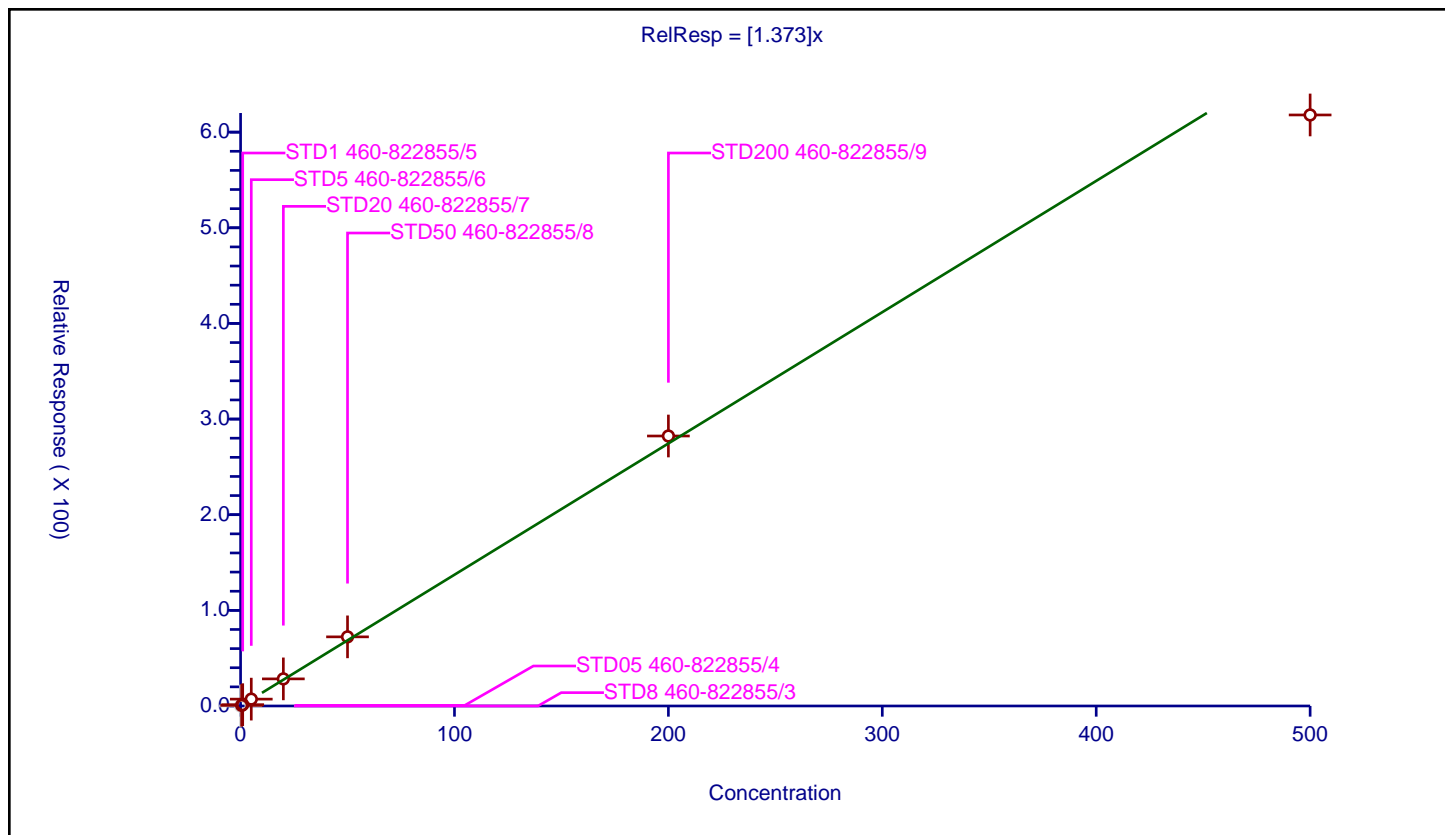
## Curve Coefficients

Intercept: 0  
 Slope: 1.373

## Error Coefficients

Standard Error: 3260000  
 Relative Standard Error: 6.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.640392	50.0	595885.0	1.280784	Y
3	STD1 460-822855/5	1.0	1.380287	50.0	553327.0	1.380287	Y
4	STD5 460-822855/6	5.0	7.179989	50.0	559980.0	1.435998	Y
5	STD20 460-822855/7	20.0	28.347488	50.0	559173.0	1.417374	Y
6	STD50 460-822855/8	50.0	72.283143	50.0	566583.0	1.445663	Y
7	STD200 460-822855/9	200.0	282.29631	50.0	541116.0	1.411482	Y
8	STD500 460-822855/10	500.0	617.973872	50.0	592919.0	1.235948	Y





# Calibration

/ Isopropyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

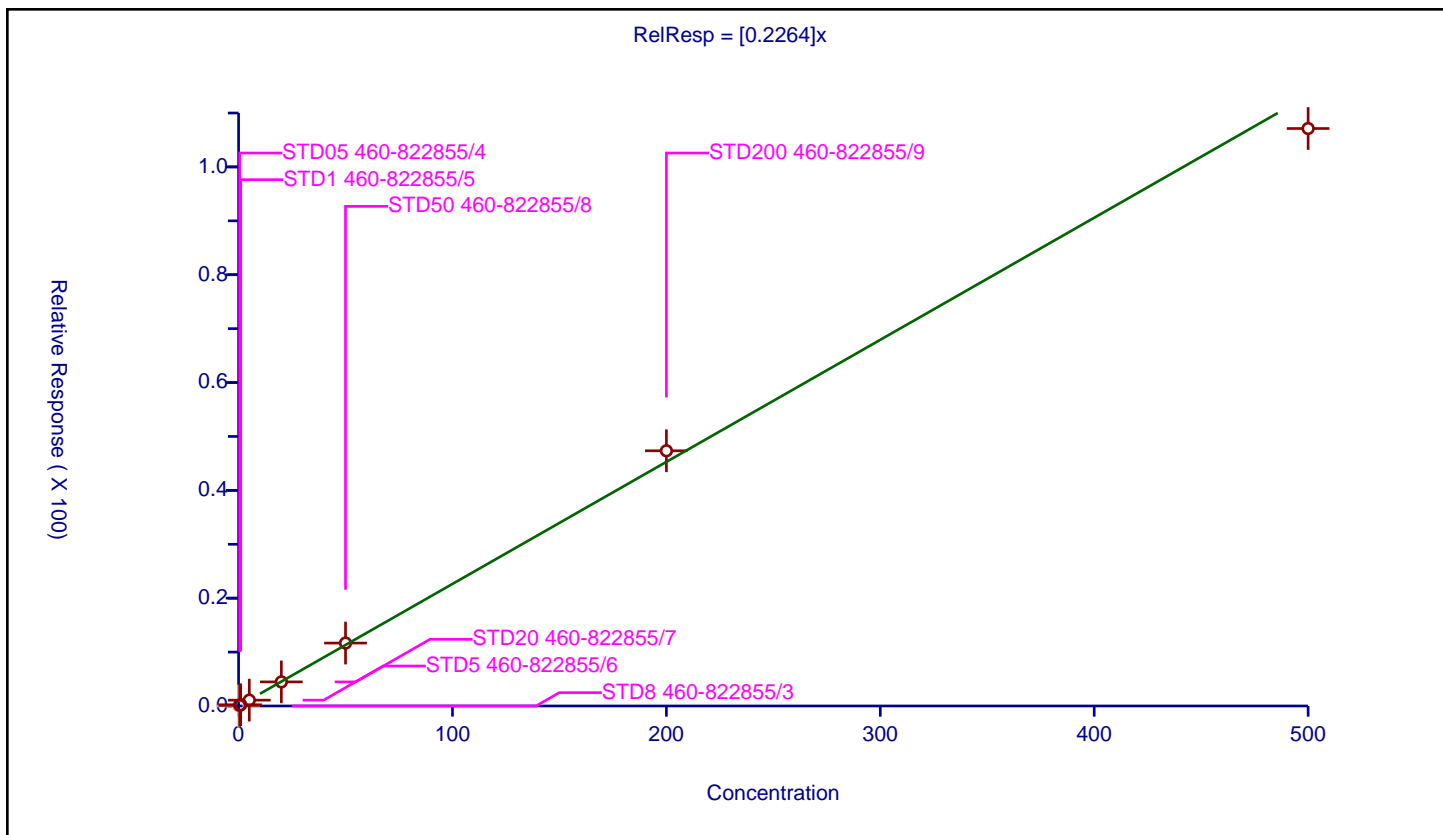
## Curve Coefficients

Intercept: 0  
 Slope: 0.2264

## Error Coefficients

Standard Error: 562000  
 Relative Standard Error: 3.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.11613	50.0	595885.0	0.23226	Y
3	STD1 460-822855/5	1.0	0.228798	50.0	553327.0	0.228798	Y
4	STD5 460-822855/6	5.0	1.080306	50.0	559980.0	0.216061	Y
5	STD20 460-822855/7	20.0	4.467848	50.0	559173.0	0.223392	Y
6	STD50 460-822855/8	50.0	11.673577	50.0	566583.0	0.233472	Y
7	STD200 460-822855/9	200.0	47.341882	50.0	541116.0	0.236709	Y
8	STD500 460-822855/10	500.0	107.127955	50.0	592919.0	0.214256	Y



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

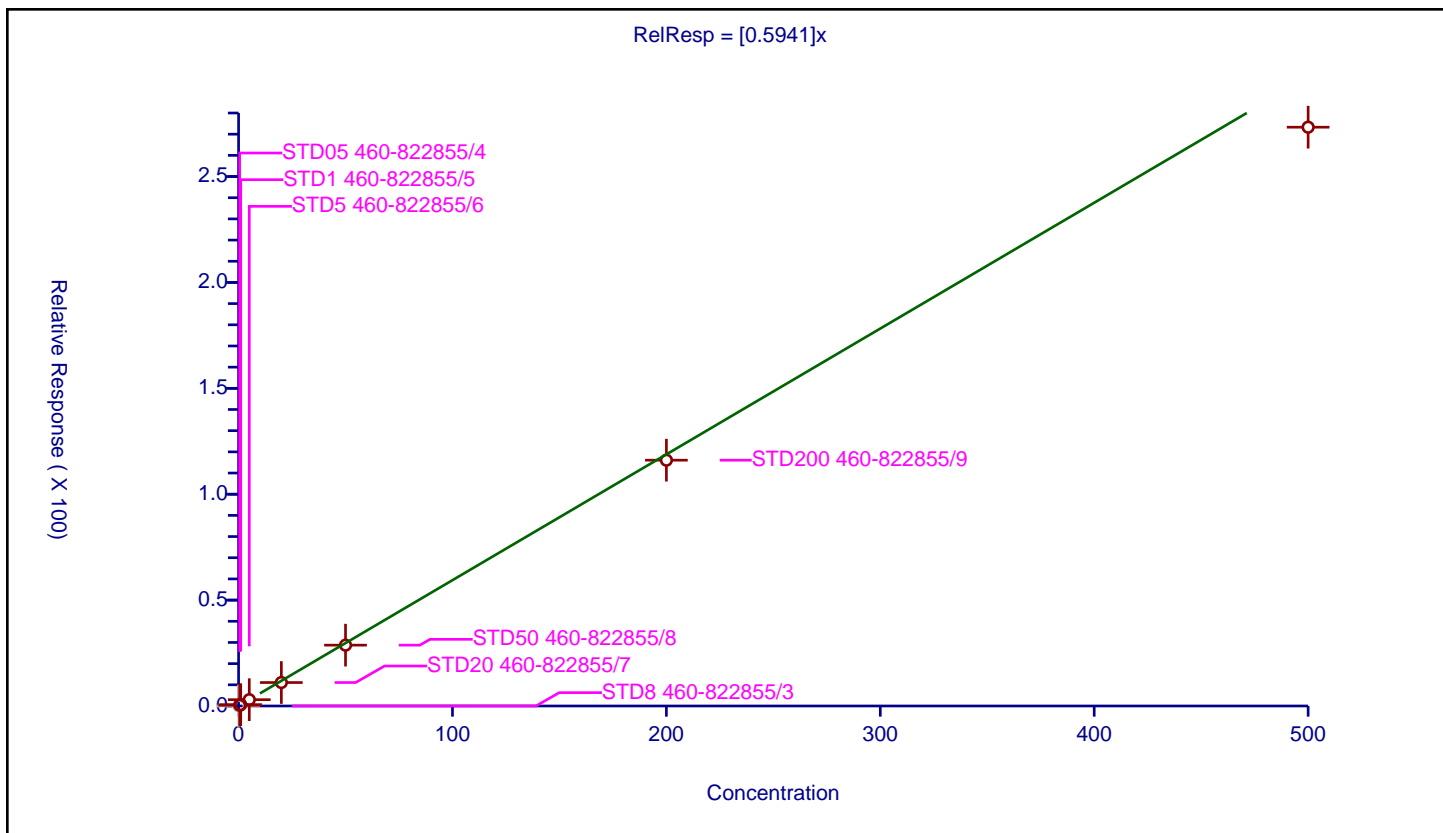
## Curve Coefficients

Intercept: 0  
 Slope: 0.5941

## Error Coefficients

Standard Error: 1430000  
 Relative Standard Error: 7.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.337397	50.0	595885.0	0.674795	Y
3	STD1 460-822855/5	1.0	0.631543	50.0	553327.0	0.631543	Y
4	STD5 460-822855/6	5.0	2.98341	50.0	559980.0	0.596682	Y
5	STD20 460-822855/7	20.0	11.079487	50.0	559173.0	0.553974	Y
6	STD50 460-822855/8	50.0	28.730036	50.0	566583.0	0.574601	Y
7	STD200 460-822855/9	200.0	116.069567	50.0	541116.0	0.580348	Y
8	STD500 460-822855/10	500.0	273.304195	50.0	592919.0	0.546608	Y



# Calibration

/ n-Heptane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

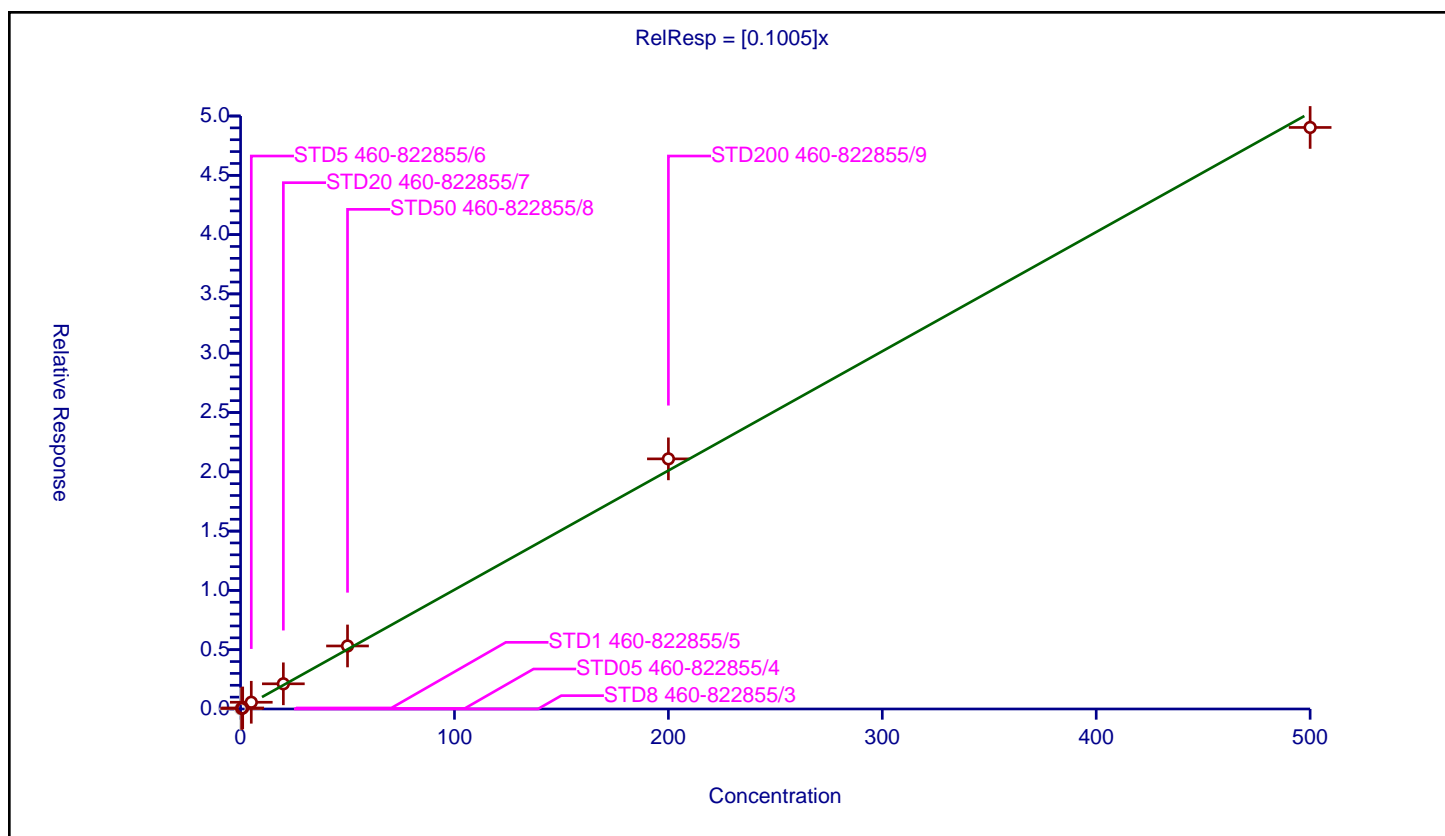
## Curve Coefficients

Intercept: 0  
 Slope: 0.1005

## Error Coefficients

Standard Error: 256000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.043549	50.0	595885.0	0.087097	Y
3	STD1 460-822855/5	1.0	0.08729	50.0	553327.0	0.08729	Y
4	STD5 460-822855/6	5.0	0.567074	50.0	559980.0	0.113415	Y
5	STD20 460-822855/7	20.0	2.123135	50.0	559173.0	0.106157	Y
6	STD50 460-822855/8	50.0	5.315197	50.0	566583.0	0.106304	Y
7	STD200 460-822855/9	200.0	21.090302	50.0	541116.0	0.105452	Y
8	STD500 460-822855/10	500.0	49.035113	50.0	592919.0	0.09807	Y



## Calibration

/ n-Butanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

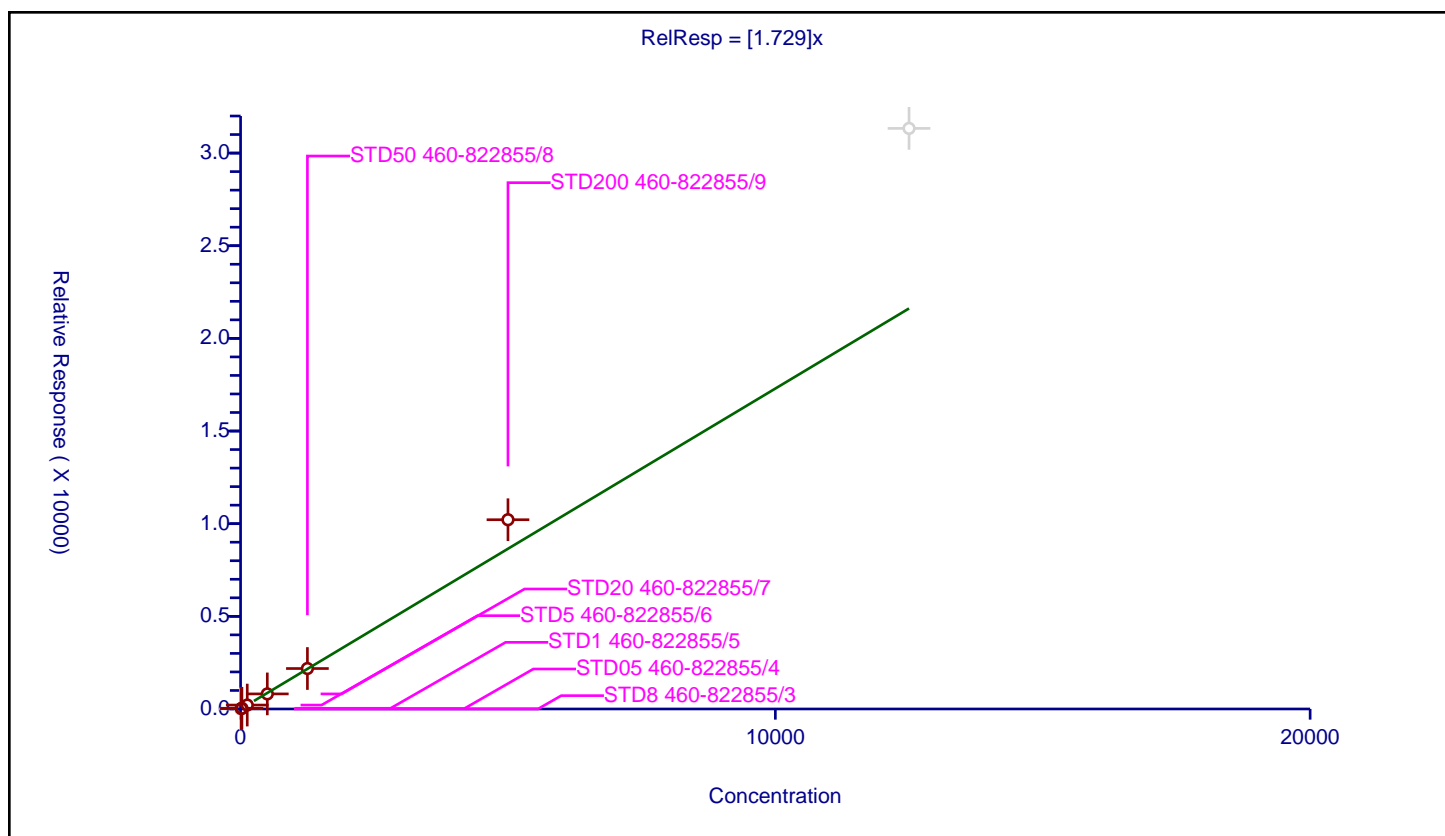
## Curve Coefficients

Intercept: 0  
Slope: 1.729

## Error Coefficients

Standard Error: 139000  
Relative Standard Error: 9.8  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	1000.0	35501.0	NaN	N
2	STD05 460-822855/4	12.5	21.473219	1000.0	37116.0	1.717858	Y
3	STD1 460-822855/5	25.0	38.592233	1000.0	32960.0	1.543689	Y
4	STD5 460-822855/6	125.0	211.937063	1000.0	30443.0	1.695497	Y
5	STD20 460-822855/7	500.0	814.386996	1000.0	28915.0	1.628774	Y
6	STD50 460-822855/8	1250.0	2183.196499	1000.0	34957.0	1.746557	Y
7	STD200 460-822855/9	5000.0	10214.339896	1000.0	30321.0	2.042868	Y
8	STD500 460-822855/10	12500.0	31332.109809	1000.0	32420.0	2.506569	N



# Calibration

/ Trichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

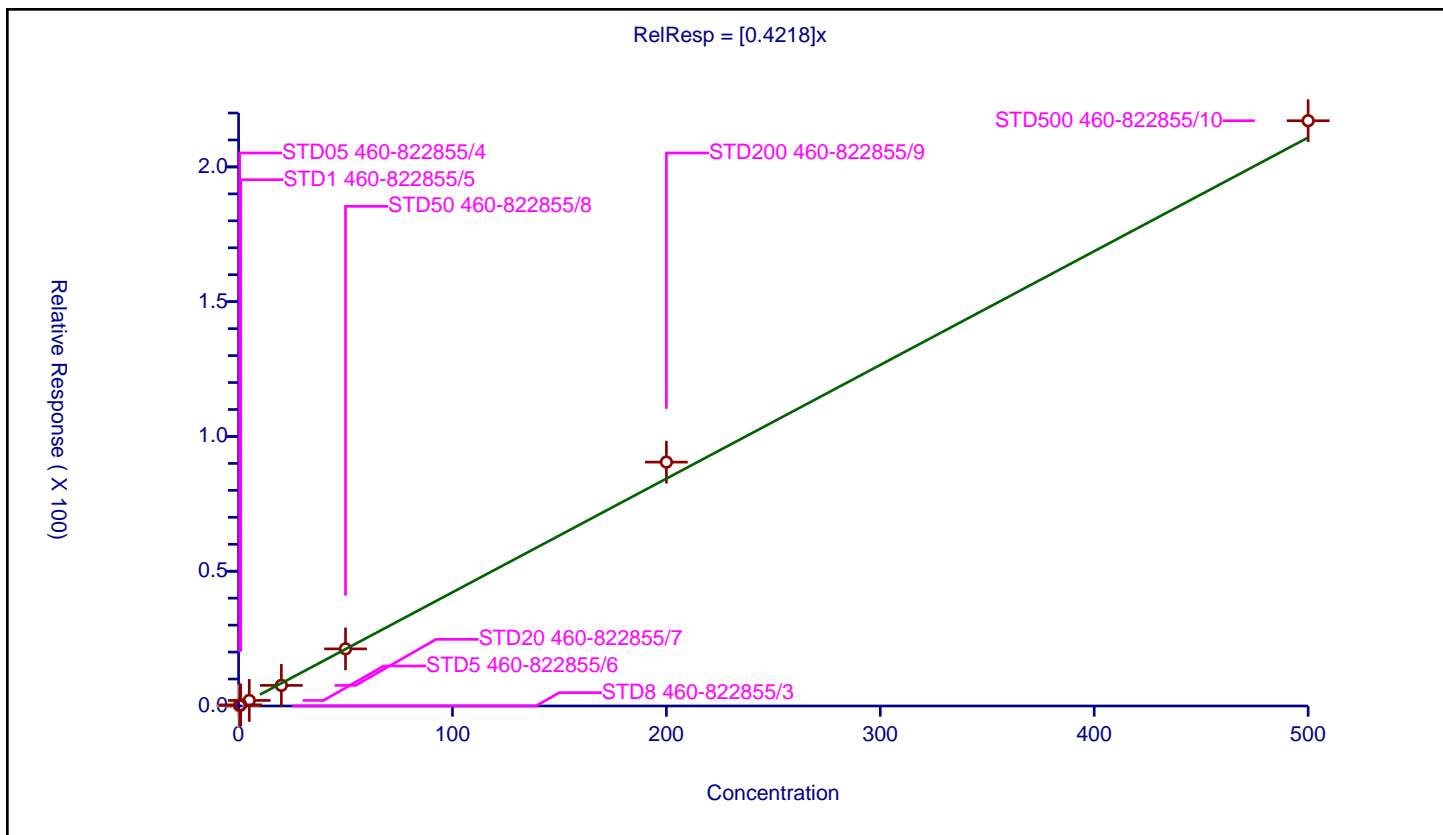
## Curve Coefficients

Intercept: 0  
 Slope: 0.4218

## Error Coefficients

Standard Error: 1130000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.21145	50.0	595885.0	0.4229	Y
3	STD1 460-822855/5	1.0	0.4238	50.0	553327.0	0.4238	Y
4	STD5 460-822855/6	5.0	2.065788	50.0	559980.0	0.413158	Y
5	STD20 460-822855/7	20.0	7.644861	50.0	559173.0	0.382243	Y
6	STD50 460-822855/8	50.0	21.189746	50.0	566583.0	0.423795	Y
7	STD200 460-822855/9	200.0	90.478289	50.0	541116.0	0.452391	Y
8	STD500 460-822855/10	500.0	217.136826	50.0	592919.0	0.434274	Y



# Calibration

/ Ethyl acrylate

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

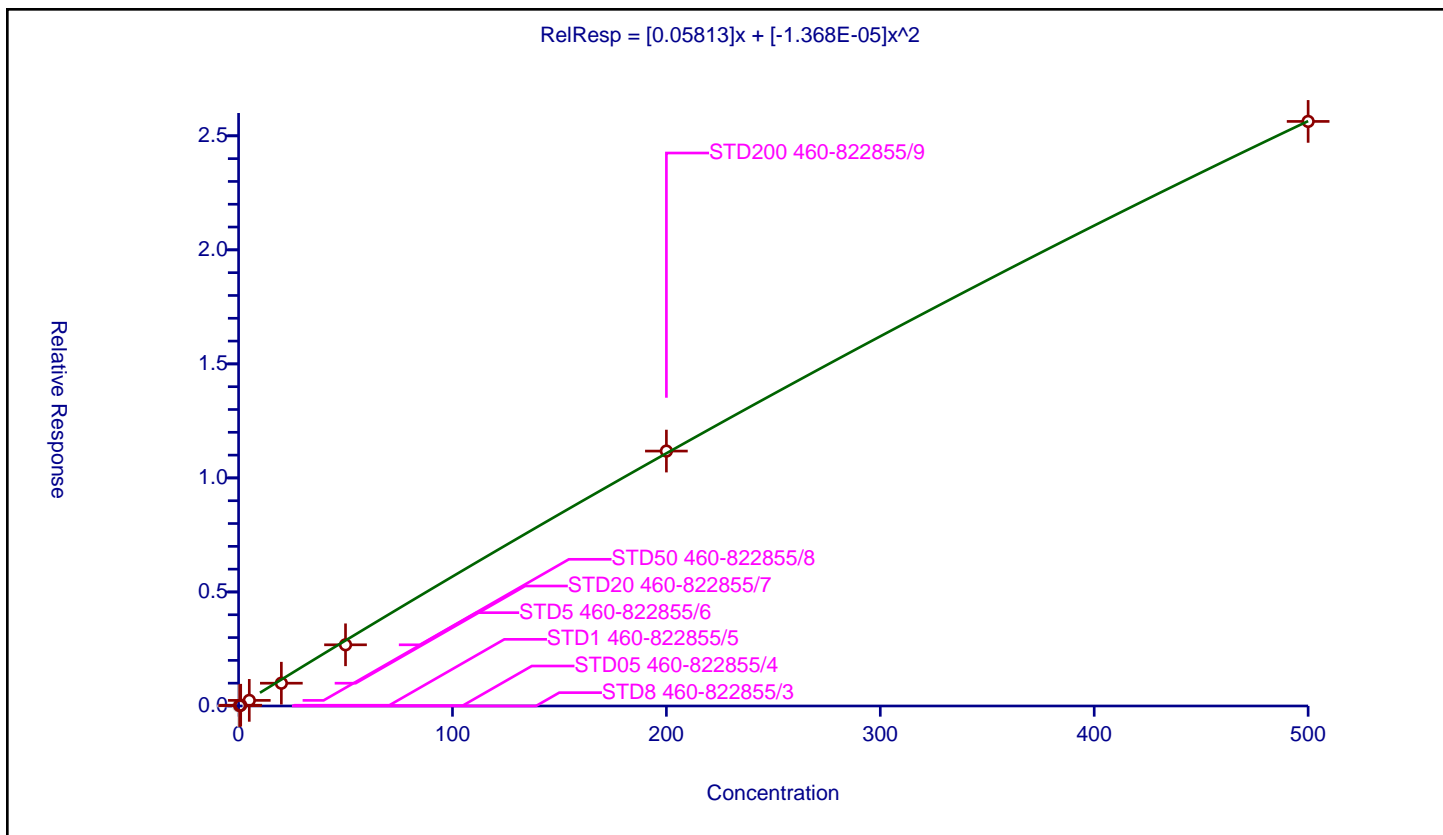
## Curve Coefficients

Intercept: 0  
 Slope: 0.05813  
 Second Order: -1.368E-05

## Error Coefficients

Standard Error: 147000  
 Relative Standard Error: 29.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.015775	50.0	595885.0	0.03155	Y
3	STD1 460-822855/5	1.0	0.032982	50.0	553327.0	0.032982	Y
4	STD5 460-822855/6	5.0	0.24617	50.0	559980.0	0.049234	Y
5	STD20 460-822855/7	20.0	0.998618	50.0	559173.0	0.049931	Y
6	STD50 460-822855/8	50.0	2.682837	50.0	566583.0	0.053657	Y
7	STD200 460-822855/9	200.0	11.177917	50.0	541116.0	0.05589	Y
8	STD500 460-822855/10	500.0	25.632253	50.0	592919.0	0.051265	Y



# Calibration

/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

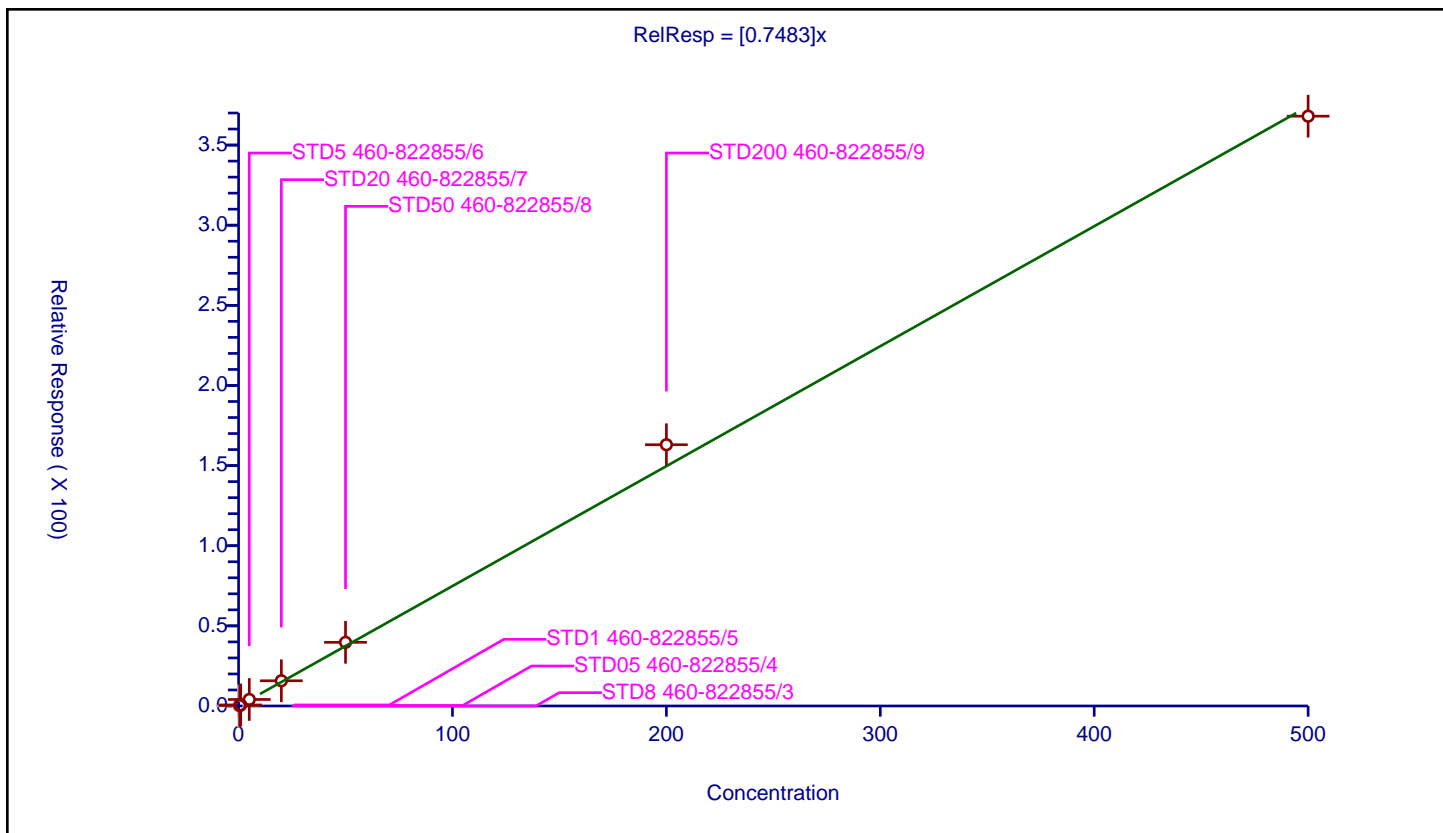
## Curve Coefficients

Intercept: 0  
 Slope: 0.7483

## Error Coefficients

Standard Error: 1930000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.315665	50.0	595885.0	0.63133	Y
3	STD1 460-822855/5	1.0	0.662176	50.0	553327.0	0.662176	Y
4	STD5 460-822855/6	5.0	4.063717	50.0	559980.0	0.812743	Y
5	STD20 460-822855/7	20.0	15.728674	50.0	559173.0	0.786434	Y
6	STD50 460-822855/8	50.0	39.724277	50.0	566583.0	0.794486	Y
7	STD200 460-822855/9	200.0	163.031771	50.0	541116.0	0.815159	Y
8	STD500 460-822855/10	500.0	368.013422	50.0	592919.0	0.736027	Y



# Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

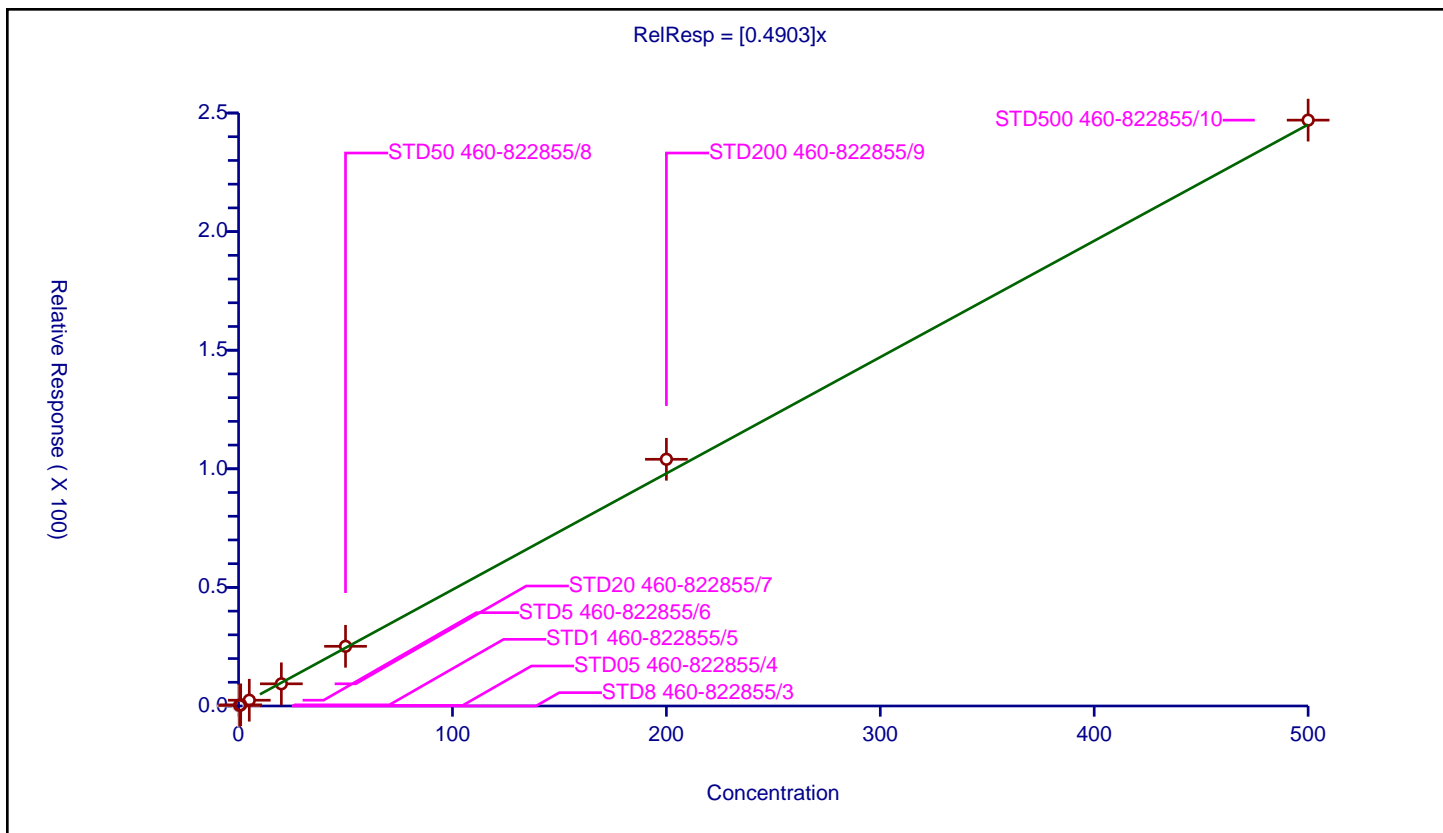
## Curve Coefficients

Intercept: 0  
 Slope: 0.4903

## Error Coefficients

Standard Error: 1290000  
 Relative Standard Error: 3.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.236119	50.0	595885.0	0.472239	Y
3	STD1 460-822855/5	1.0	0.488138	50.0	553327.0	0.488138	Y
4	STD5 460-822855/6	5.0	2.431962	50.0	559980.0	0.486392	Y
5	STD20 460-822855/7	20.0	9.352115	50.0	559173.0	0.467606	Y
6	STD50 460-822855/8	50.0	25.170893	50.0	566583.0	0.503418	Y
7	STD200 460-822855/9	200.0	104.017808	50.0	541116.0	0.520089	Y
8	STD500 460-822855/10	500.0	246.994109	50.0	592919.0	0.493988	Y





# Calibration

/ Methyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

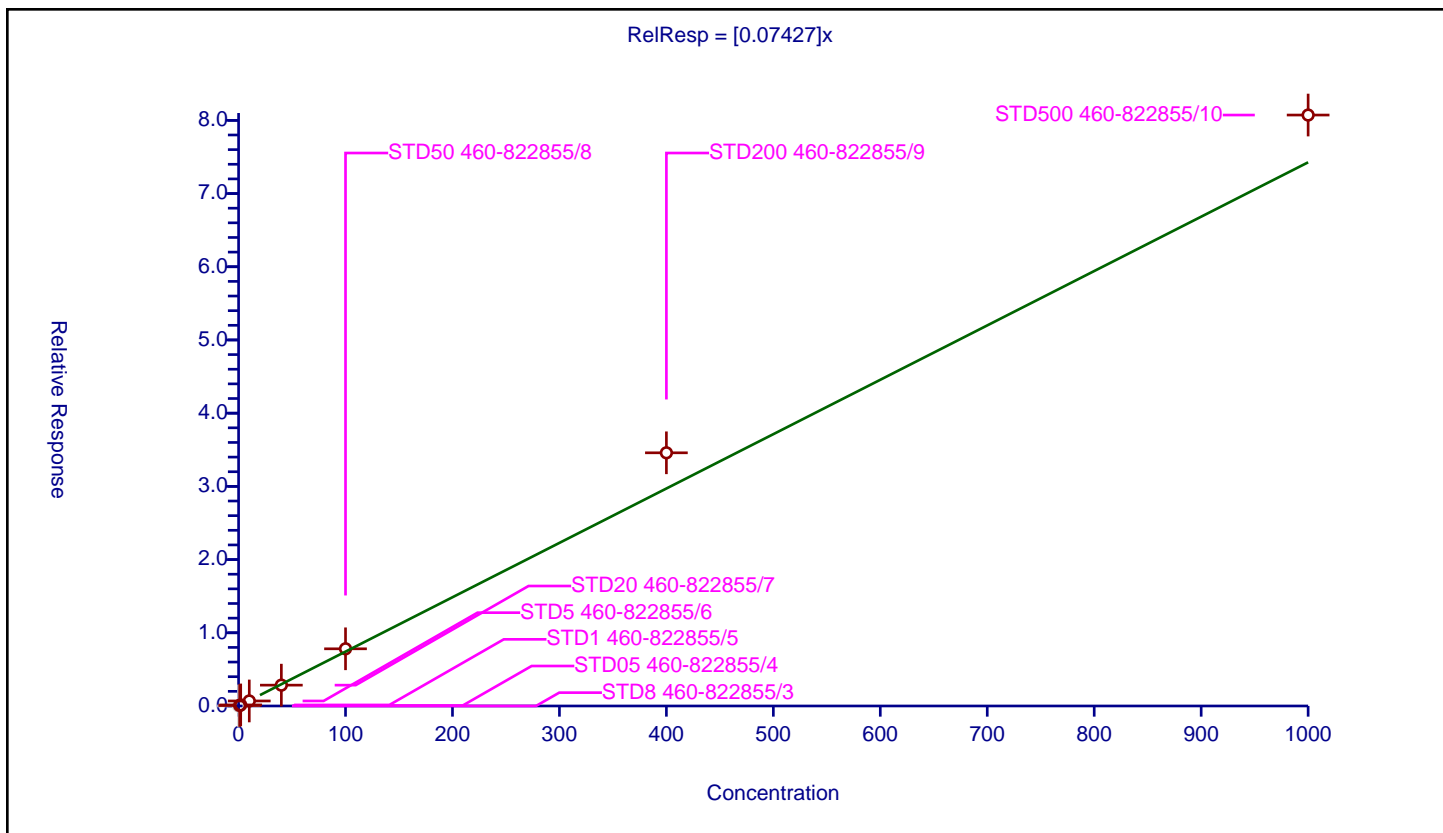
## Curve Coefficients

Intercept: 0  
 Slope: 0.07427

## Error Coefficients

Standard Error: 421000  
 Relative Standard Error: 10.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	1.0	0.063687	50.0	595885.0	0.063687	Y
3	STD1 460-822855/5	2.0	0.14214	50.0	553327.0	0.07107	Y
4	STD5 460-822855/6	10.0	0.686007	50.0	559980.0	0.068601	Y
5	STD20 460-822855/7	40.0	2.847419	50.0	559173.0	0.071185	Y
6	STD50 460-822855/8	100.0	7.812536	50.0	566583.0	0.078125	Y
7	STD200 460-822855/9	400.0	34.586669	50.0	541116.0	0.086467	Y
8	STD500 460-822855/10	1000.0	80.721397	50.0	592919.0	0.080721	Y



# Calibration

/ 1,4-Dioxane

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

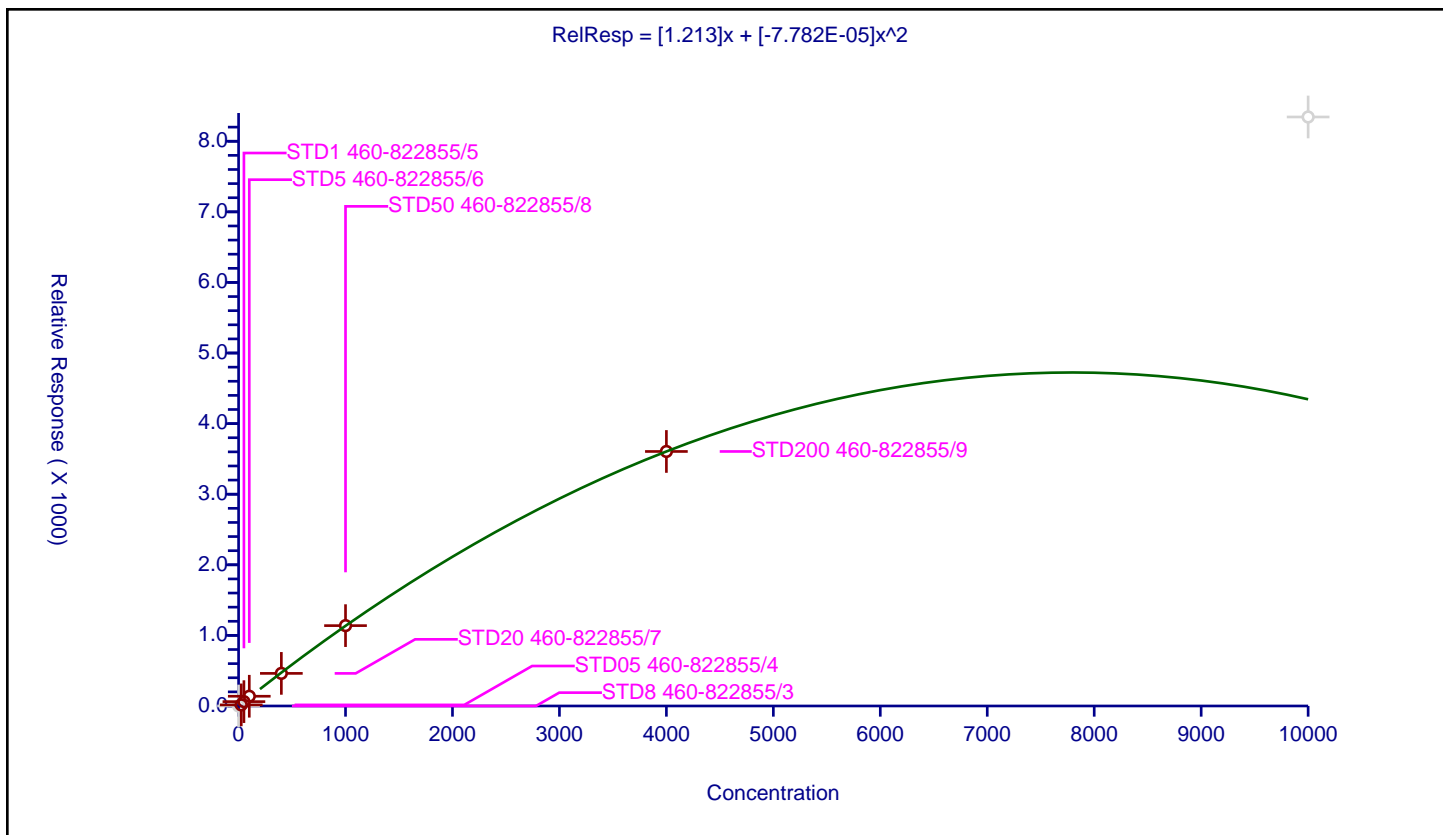
## Curve Coefficients

Intercept: 0  
 Slope: 1.213  
 Second Order: -7.782E-05

## Error Coefficients

Standard Error: 33800  
 Relative Standard Error: 25.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	1000.0	19569.0	NaN	N
2	STD05 460-822855/4	25.000031	15.742297	1000.0	17850.0	0.629691	Y
3	STD1 460-822855/5	50.000062	61.702128	1000.0	15980.0	1.234041	Y
4	STD5 460-822855/6	100.0	138.230697	1000.0	15995.0	1.382307	Y
5	STD20 460-822855/7	400.0	461.803212	1000.0	14818.0	1.154508	Y
6	STD50 460-822855/8	1000.0	1138.189398	1000.0	17751.0	1.138189	Y
7	STD200 460-822855/9	4000.0	3605.580854	1000.0	18886.0	0.901395	Y
8	STD500 460-822855/10	10000.0	8343.628916	1000.0	27099.0	0.834363	N



## Calibration

/ Dibromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

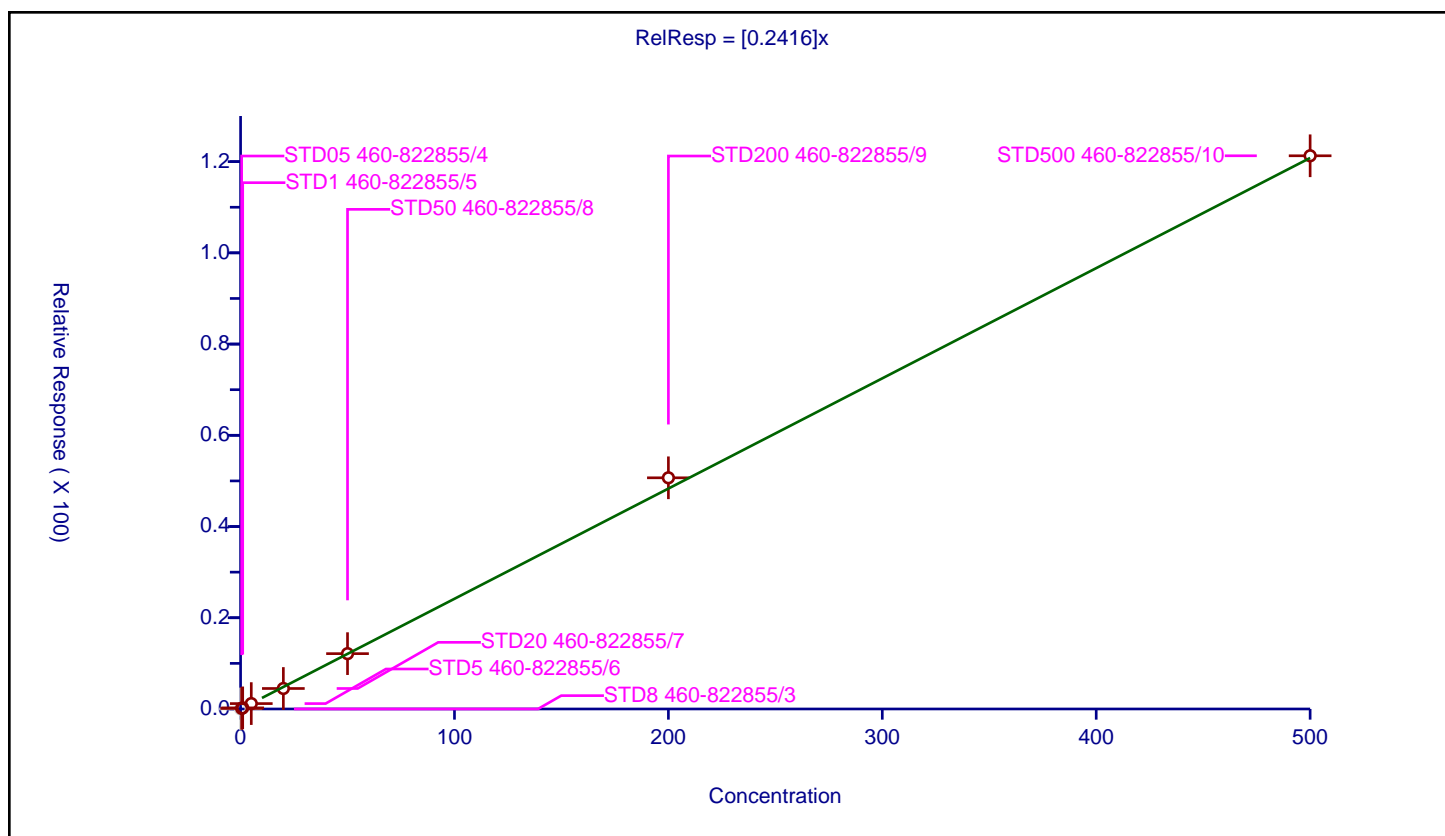
## Curve Coefficients

Intercept: 0  
Slope: 0.2416

## Error Coefficients

Standard Error: 631000  
Relative Standard Error: 3.8  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.124688	50.0	595885.0	0.249377	Y
3	STD1 460-822855/5	1.0	0.24181	50.0	553327.0	0.24181	Y
4	STD5 460-822855/6	5.0	1.184774	50.0	559980.0	0.236955	Y
5	STD20 460-822855/7	20.0	4.491365	50.0	559173.0	0.224568	Y
6	STD50 460-822855/8	50.0	12.13238	50.0	566583.0	0.242648	Y
7	STD200 460-822855/9	200.0	50.685712	50.0	541116.0	0.253429	Y
8	STD500 460-822855/10	500.0	121.28596	50.0	592919.0	0.242572	Y



# Calibration

/ n-Propyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

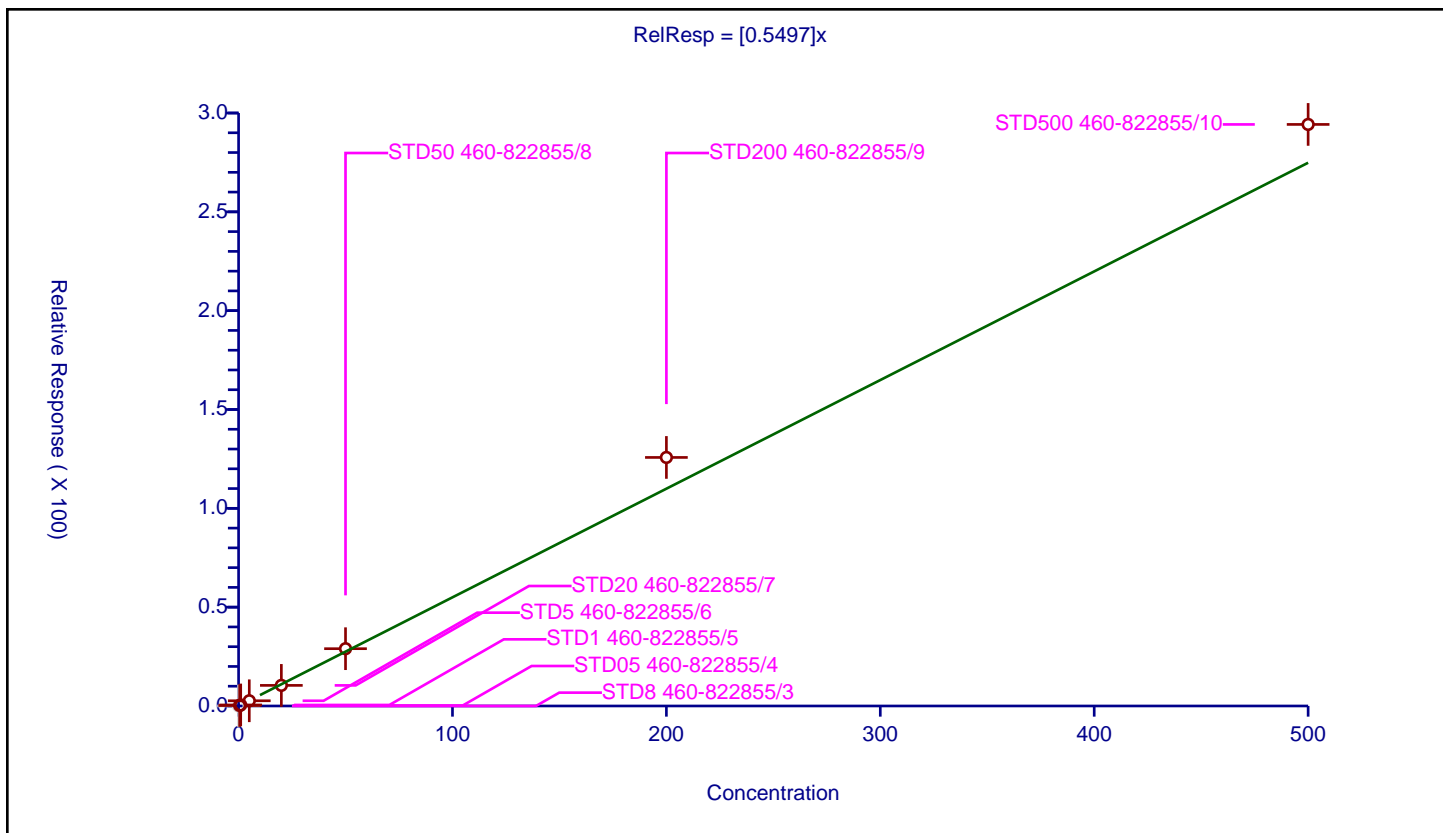
## Curve Coefficients

Intercept: 0  
 Slope: 0.5497

## Error Coefficients

Standard Error: 1540000  
 Relative Standard Error: 9.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.239308	50.0	595885.0	0.478616	Y
3	STD1 460-822855/5	1.0	0.52347	50.0	553327.0	0.52347	Y
4	STD5 460-822855/6	5.0	2.637058	50.0	559980.0	0.527412	Y
5	STD20 460-822855/7	20.0	10.423965	50.0	559173.0	0.521198	Y
6	STD50 460-822855/8	50.0	28.989751	50.0	566583.0	0.579795	Y
7	STD200 460-822855/9	200.0	125.7418	50.0	541116.0	0.628709	Y
8	STD500 460-822855/10	500.0	294.224	50.0	592919.0	0.588448	Y



# Calibration

/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

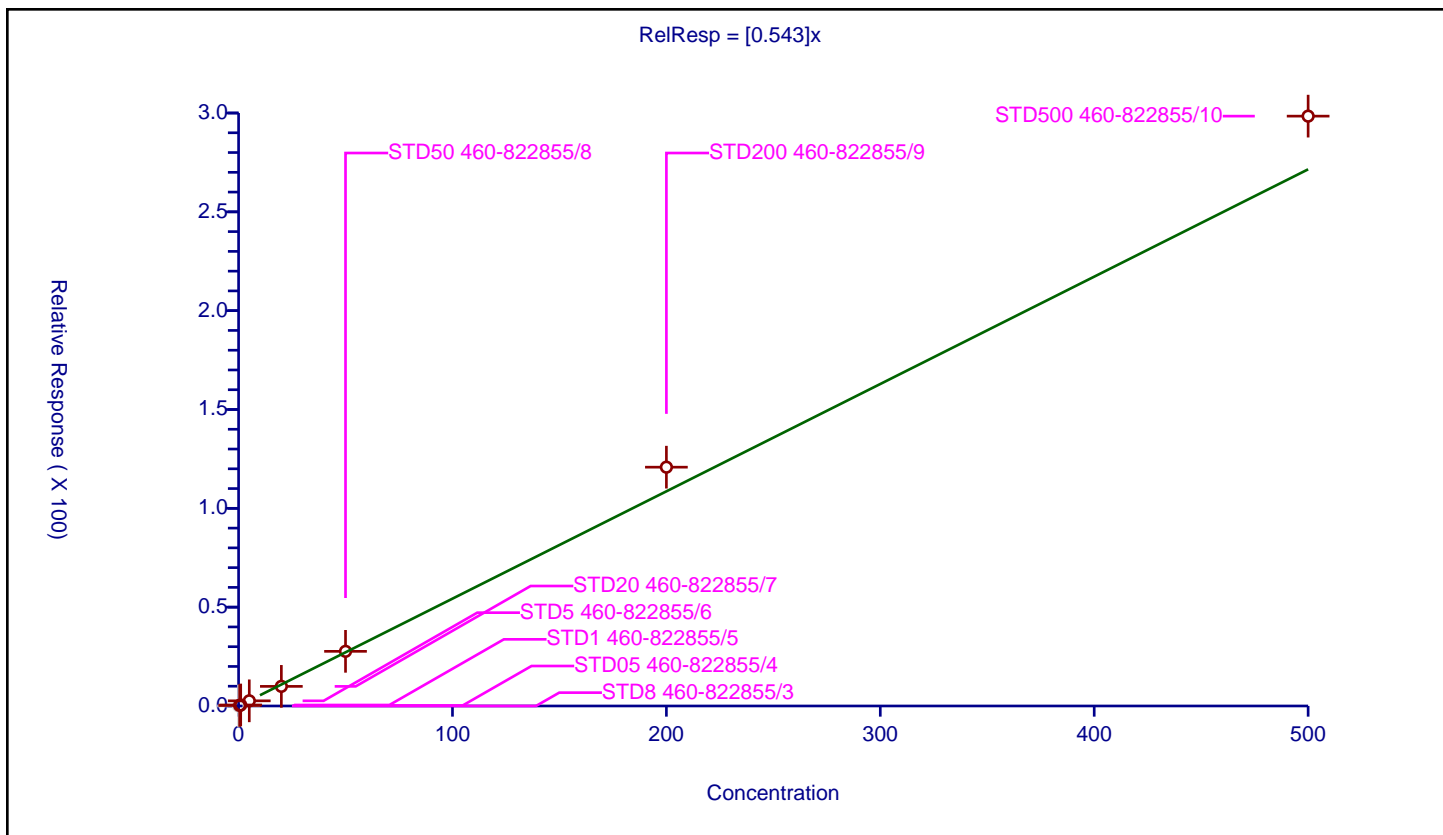
## Curve Coefficients

Intercept: 0  
 Slope: 0.543

## Error Coefficients

Standard Error: 1550000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5	0.259698	50.0	595885.0	0.519396	Y
3	STD1 460-822855/5	1.0	0.50856	50.0	553327.0	0.50856	Y
4	STD5 460-822855/6	5.0	2.613843	50.0	559980.0	0.522769	Y
5	STD20 460-822855/7	20.0	9.928144	50.0	559173.0	0.496407	Y
6	STD50 460-822855/8	50.0	27.65023	50.0	566583.0	0.553005	Y
7	STD200 460-822855/9	200.0	120.822707	50.0	541116.0	0.604114	Y
8	STD500 460-822855/10	500.0	298.4169	50.0	592919.0	0.596834	Y



## Calibration

/ 2-Nitropropane

**Curve Type:** Quadratic  
**Weighting:** None  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

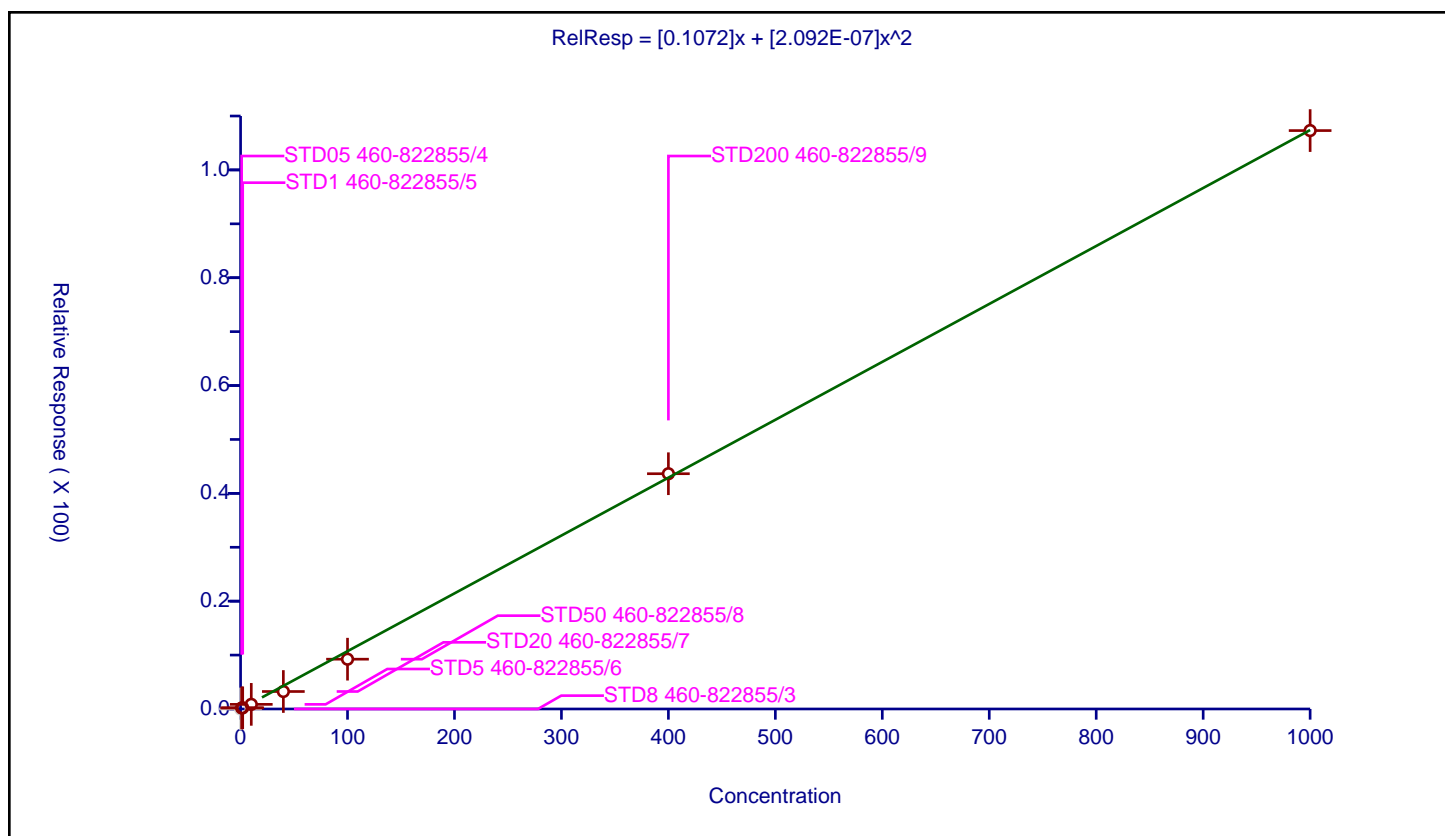
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.1072  
**Second Order:** 2.092E-07

## Error Coefficients

**Standard Error:** 609000  
**Relative Standard Error:** 36.2  
**Correlation Coefficient:** 0.999  
**Coefficient of Determination (Adjusted):** 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	1.0	0.185522	50.0	595885.0	0.185522	Y
3	STD1 460-822855/5	2.0	0.222292	50.0	553327.0	0.111146	Y
4	STD5 460-822855/6	10.0	0.857531	50.0	559980.0	0.085753	Y
5	STD20 460-822855/7	40.0	3.24506	50.0	559173.0	0.081127	Y
6	STD50 460-822855/8	100.0	9.236334	50.0	566583.0	0.092363	Y
7	STD200 460-822855/9	400.0	43.641936	50.0	541116.0	0.109105	Y
8	STD500 460-822855/10	1000.0	107.299395	50.0	592919.0	0.107299	Y



# Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

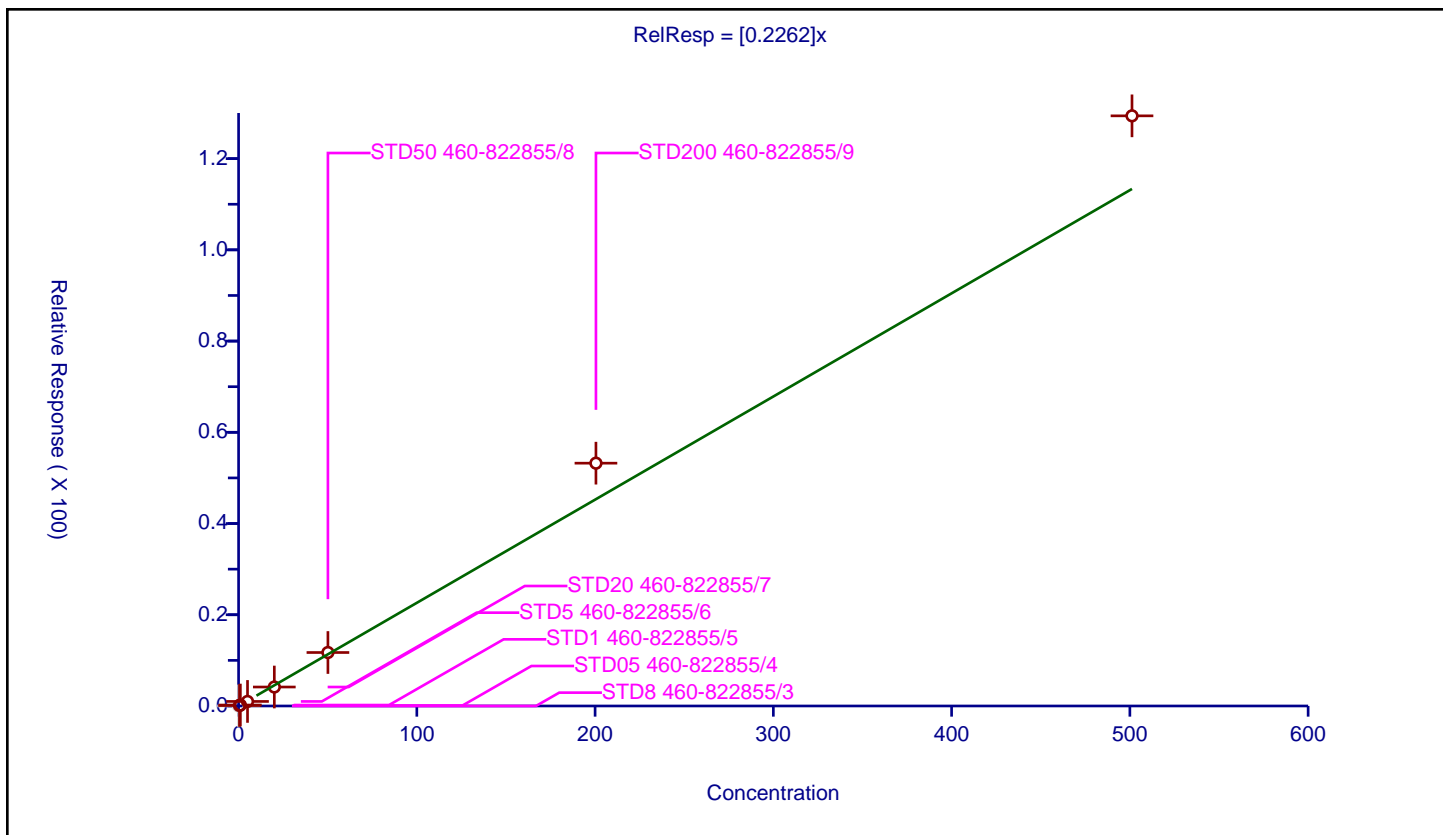
## Curve Coefficients

Intercept: 0  
 Slope: 0.2262

## Error Coefficients

Standard Error: 671000  
 Relative Standard Error: 11.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	562193.0	NaN	N
2	STD05 460-822855/4	0.5012	0.106564	50.0	595885.0	0.212618	Y
3	STD1 460-822855/5	1.0024	0.206659	50.0	553327.0	0.206164	Y
4	STD5 460-822855/6	5.012	0.999054	50.0	559980.0	0.199332	Y
5	STD20 460-822855/7	20.048	4.158105	50.0	559173.0	0.207407	Y
6	STD50 460-822855/8	50.12	11.727408	50.0	566583.0	0.233987	Y
7	STD200 460-822855/9	200.48	53.231932	50.0	541116.0	0.265522	Y
8	STD500 460-822855/10	501.2	129.380489	50.0	592919.0	0.258141	Y



# Calibration

/ Epichlorohydrin

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

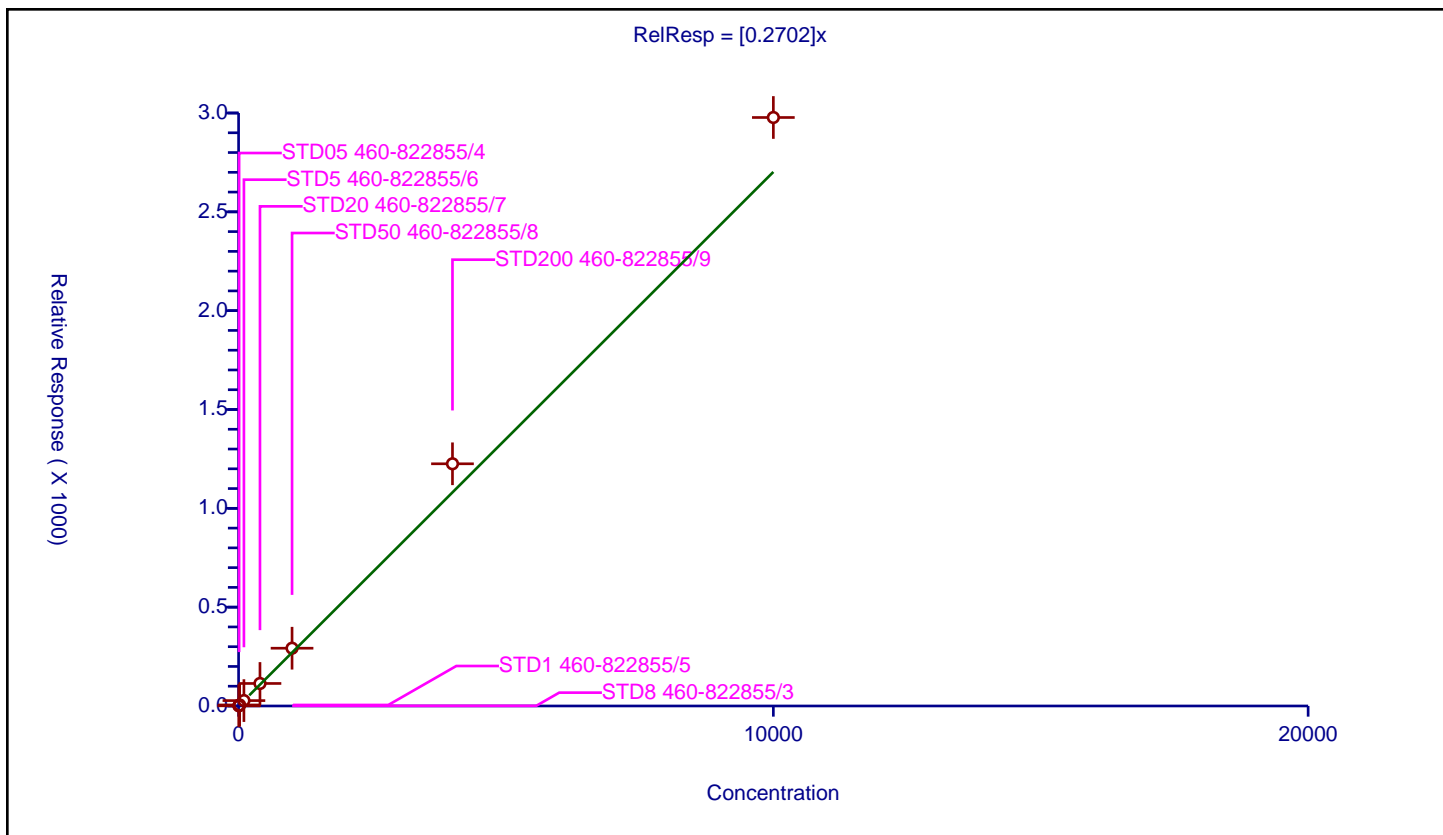
## Curve Coefficients

Intercept: 0  
 Slope: 0.2702

## Error Coefficients

Standard Error: 1910000  
 Relative Standard Error: 16.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	5.000009	0.844031	250.0	321967.0	0.168806	Y
2	STD05 460-822855/4	10.000017	2.805698	250.0	344834.0	0.280569	Y
3	STD1 460-822855/5	20.000035	5.148288	250.0	328313.0	0.257414	Y
4	STD5 460-822855/6	100.000173	27.354183	250.0	327226.0	0.273541	Y
5	STD20 460-822855/7	400.000692	113.92673	250.0	323572.0	0.284816	Y
6	STD50 460-822855/8	1000.00173	292.224899	250.0	345809.0	0.292224	Y
7	STD200 460-822855/9	4000.00692	1225.299182	250.0	352377.0	0.306324	Y
8	STD500 460-822855/10	10000.0173	2977.352822	250.0	398107.0	0.297735	Y





# Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

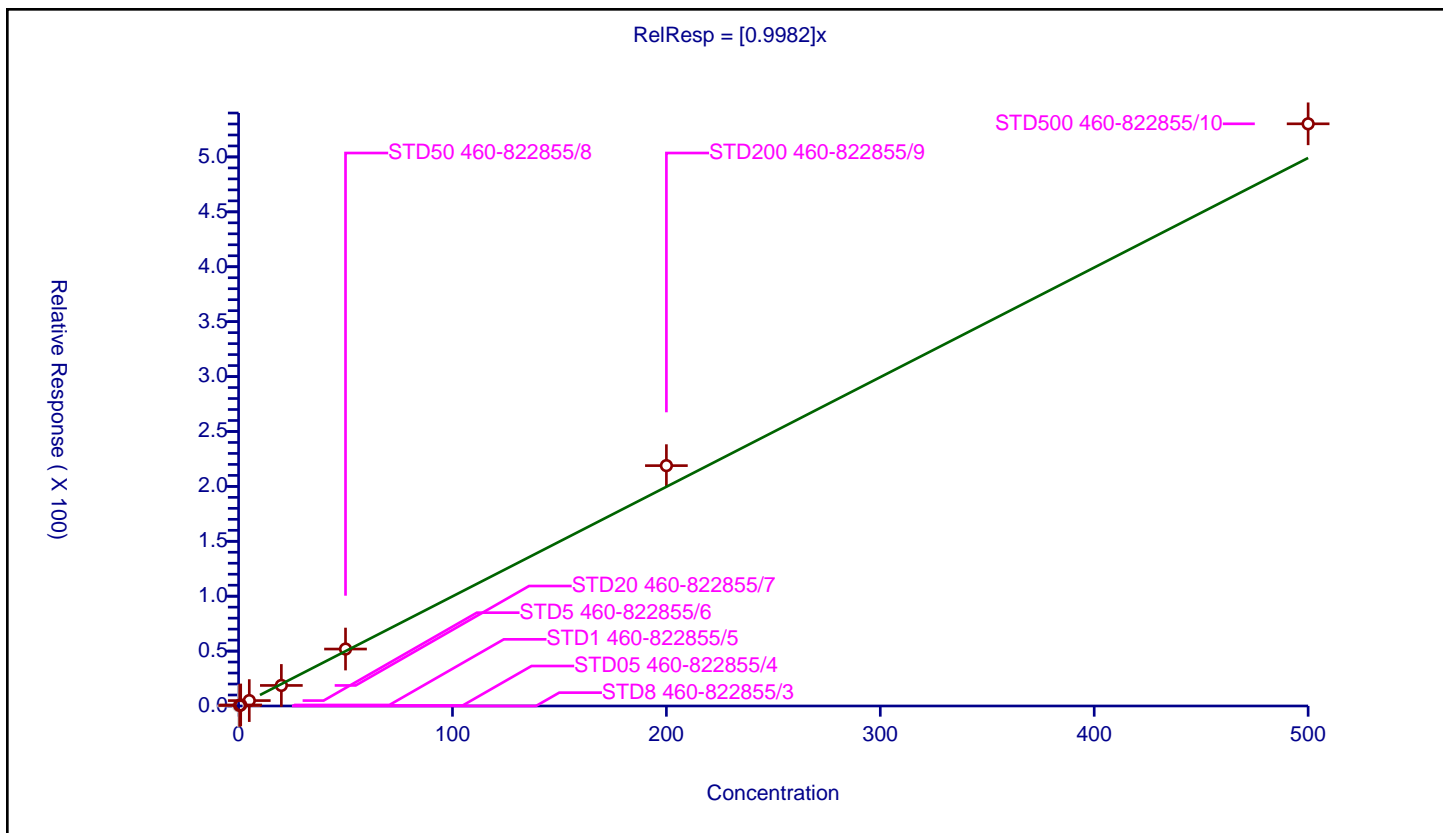
## Curve Coefficients

Intercept: 0  
 Slope: 0.9982

## Error Coefficients

Standard Error: 1920000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.469297	50.0	347115.0	0.938594	Y
3	STD1 460-822855/5	1.0	0.937441	50.0	325727.0	0.937441	Y
4	STD5 460-822855/6	5.0	4.918649	50.0	330111.0	0.98373	Y
5	STD20 460-822855/7	20.0	18.716382	50.0	351927.0	0.935819	Y
6	STD50 460-822855/8	50.0	51.847689	50.0	363914.0	1.036954	Y
7	STD200 460-822855/9	200.0	218.881781	50.0	369552.0	1.094409	Y
8	STD500 460-822855/10	500.0	530.154217	50.0	415519.0	1.060308	Y



# Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

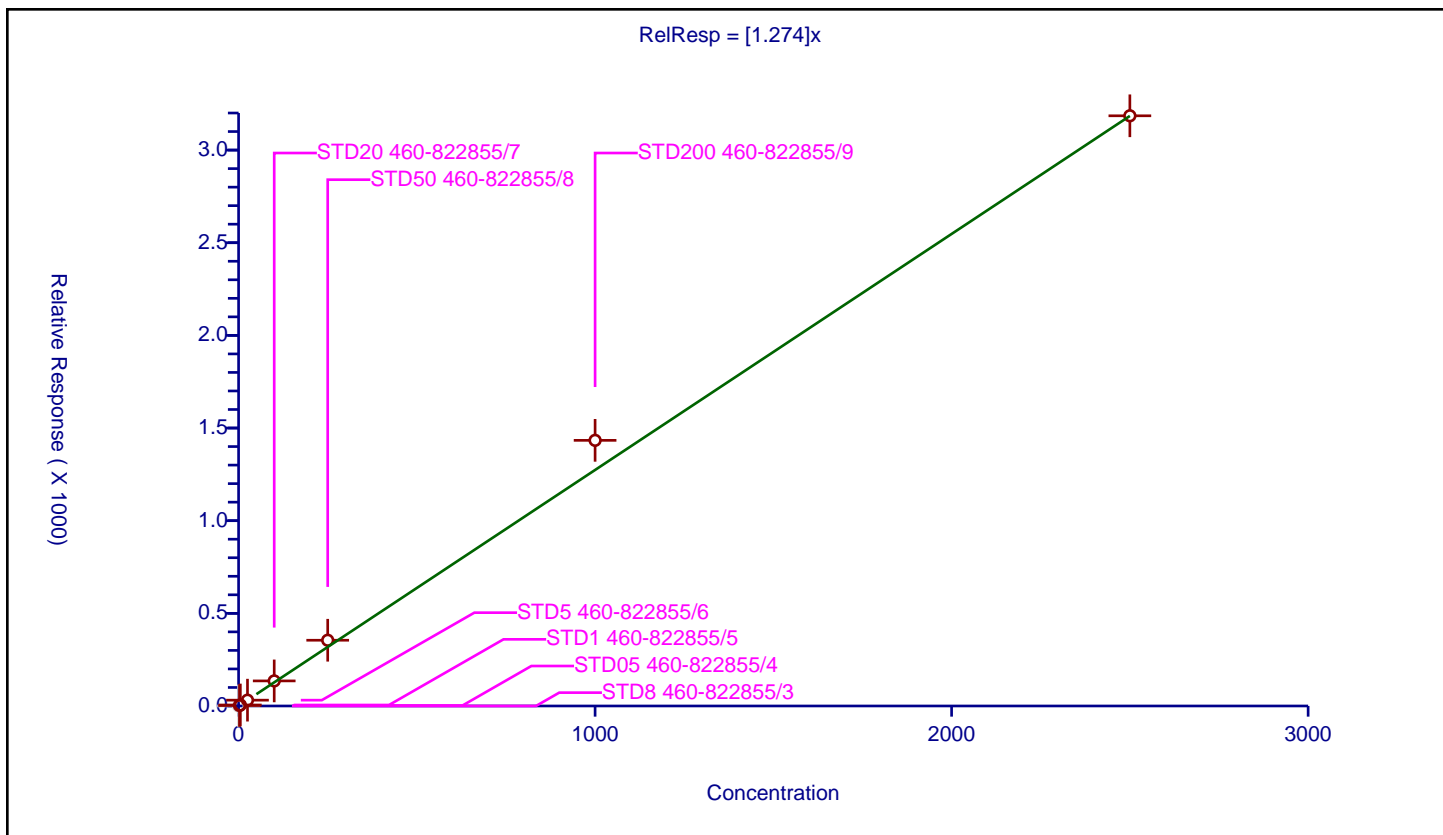
## Curve Coefficients

Intercept: 0  
Slope: 1.274

## Error Coefficients

Standard Error: 2240000  
Relative Standard Error: 11.1  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	2.5	2.728849	250.0	344834.0	1.09154	Y
3	STD1 460-822855/5	5.0	5.441454	250.0	328313.0	1.088291	Y
4	STD5 460-822855/6	25.0	31.401081	250.0	327226.0	1.256043	Y
5	STD20 460-822855/7	100.0	135.316869	250.0	323572.0	1.353169	Y
6	STD50 460-822855/8	250.0	354.755805	250.0	345809.0	1.419023	Y
7	STD200 460-822855/9	1000.0	1433.588174	250.0	352377.0	1.433588	Y
8	STD500 460-822855/10	2500.0	3185.085919	250.0	398107.0	1.274034	Y



# Calibration

/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

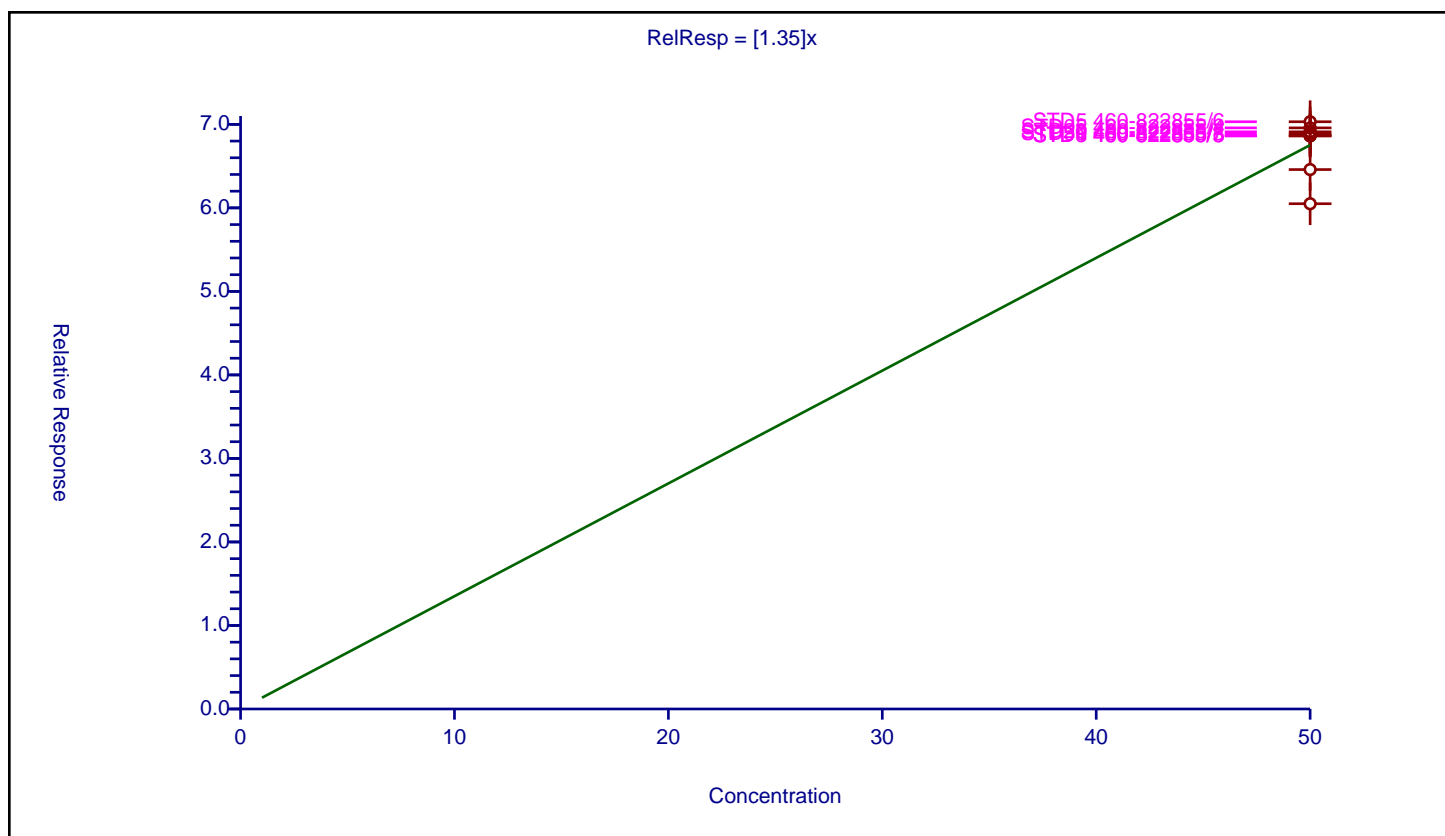
## Curve Coefficients

Intercept: 0  
 Slope: 1.35

## Error Coefficients

Standard Error: 510000  
 Relative Standard Error: 4.9  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	50.0	68.620489	50.0	330233.0	1.37241	Y
2	STD05 460-822855/4	50.0	69.578094	50.0	347115.0	1.391562	Y
3	STD1 460-822855/5	50.0	68.627102	50.0	325727.0	1.372542	Y
4	STD5 460-822855/6	50.0	70.312562	50.0	330111.0	1.406251	Y
5	STD20 460-822855/7	50.0	69.105951	50.0	351927.0	1.382119	Y
6	STD50 460-822855/8	50.0	68.819968	50.0	363914.0	1.376399	Y
7	STD200 460-822855/9	50.0	64.587122	50.0	369552.0	1.291742	Y
8	STD500 460-822855/10	50.0	60.497474	50.0	415519.0	1.209949	Y



# Calibration

/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

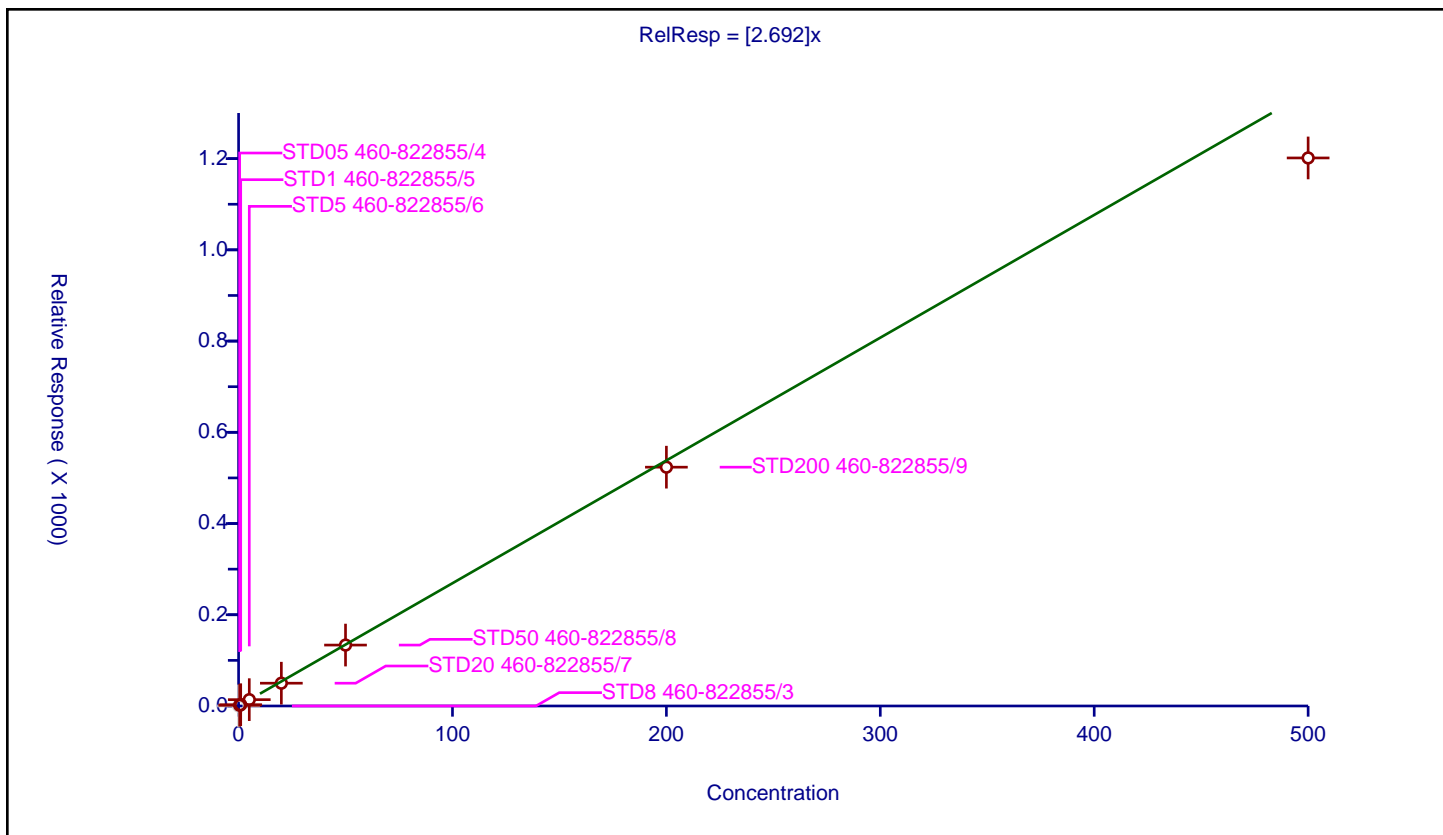
## Curve Coefficients

Intercept: 0  
 Slope: 2.692

## Error Coefficients

Standard Error: 4390000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	1.561298	50.0	347115.0	3.122596	Y
3	STD1 460-822855/5	1.0	2.751537	50.0	325727.0	2.751537	Y
4	STD5 460-822855/6	5.0	13.881088	50.0	330111.0	2.776218	Y
5	STD20 460-822855/7	20.0	49.974995	50.0	351927.0	2.49875	Y
6	STD50 460-822855/8	50.0	133.532373	50.0	363914.0	2.670647	Y
7	STD200 460-822855/9	200.0	523.575437	50.0	369552.0	2.617877	Y
8	STD500 460-822855/10	500.0	1201.49572	50.0	415519.0	2.402991	Y



# Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

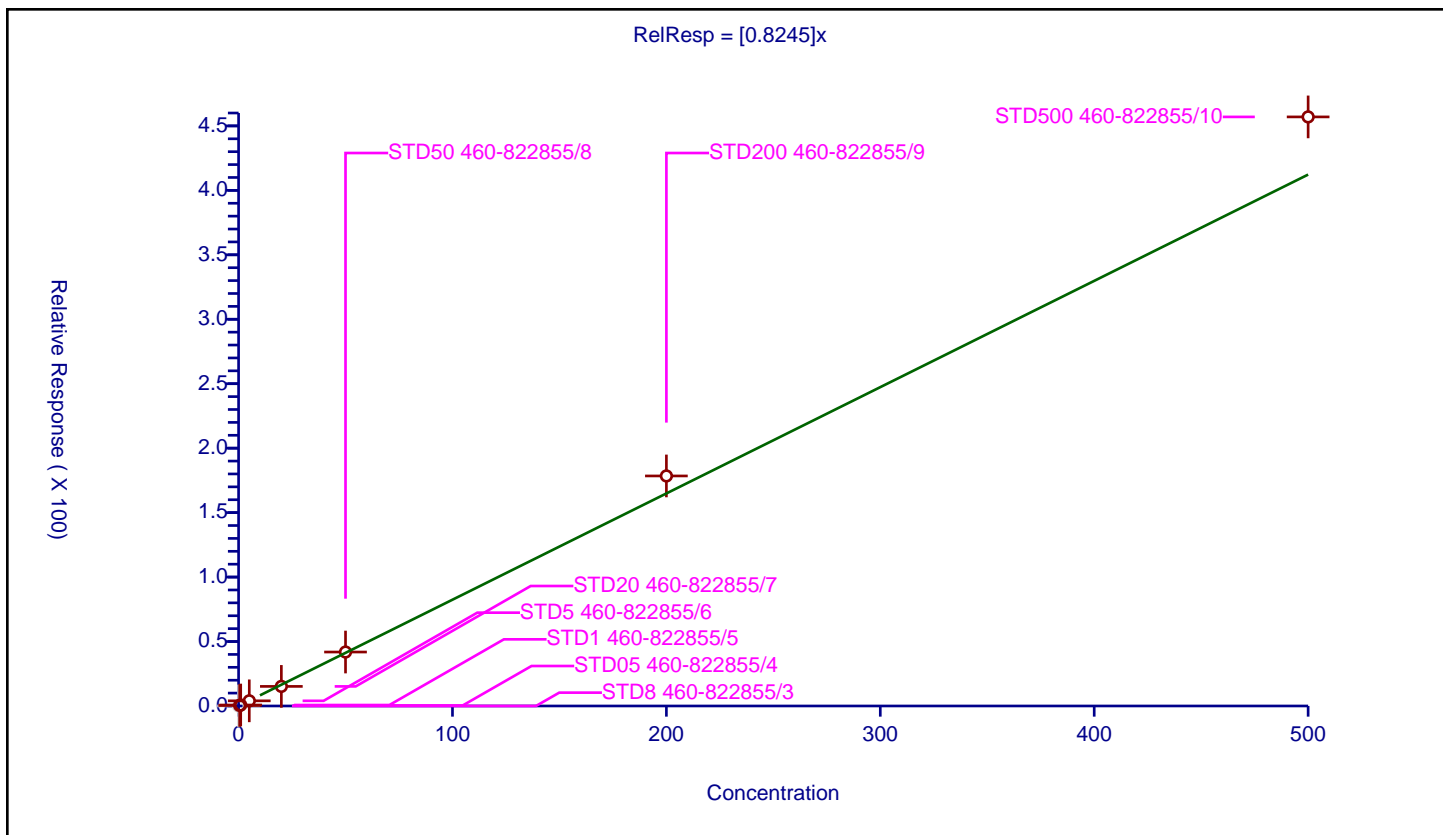
## Curve Coefficients

Intercept: 0  
 Slope: 0.8245

## Error Coefficients

Standard Error: 1650000  
 Relative Standard Error: 7.3  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.403469	50.0	347115.0	0.806937	Y
3	STD1 460-822855/5	1.0	0.761527	50.0	325727.0	0.761527	Y
4	STD5 460-822855/6	5.0	3.995474	50.0	330111.0	0.799095	Y
5	STD20 460-822855/7	20.0	15.20159	50.0	351927.0	0.76008	Y
6	STD50 460-822855/8	50.0	41.867584	50.0	363914.0	0.837352	Y
7	STD200 460-822855/9	200.0	178.450394	50.0	369552.0	0.892252	Y
8	STD500 460-822855/10	500.0	456.978141	50.0	415519.0	0.913956	Y



# Calibration

/ Ethyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

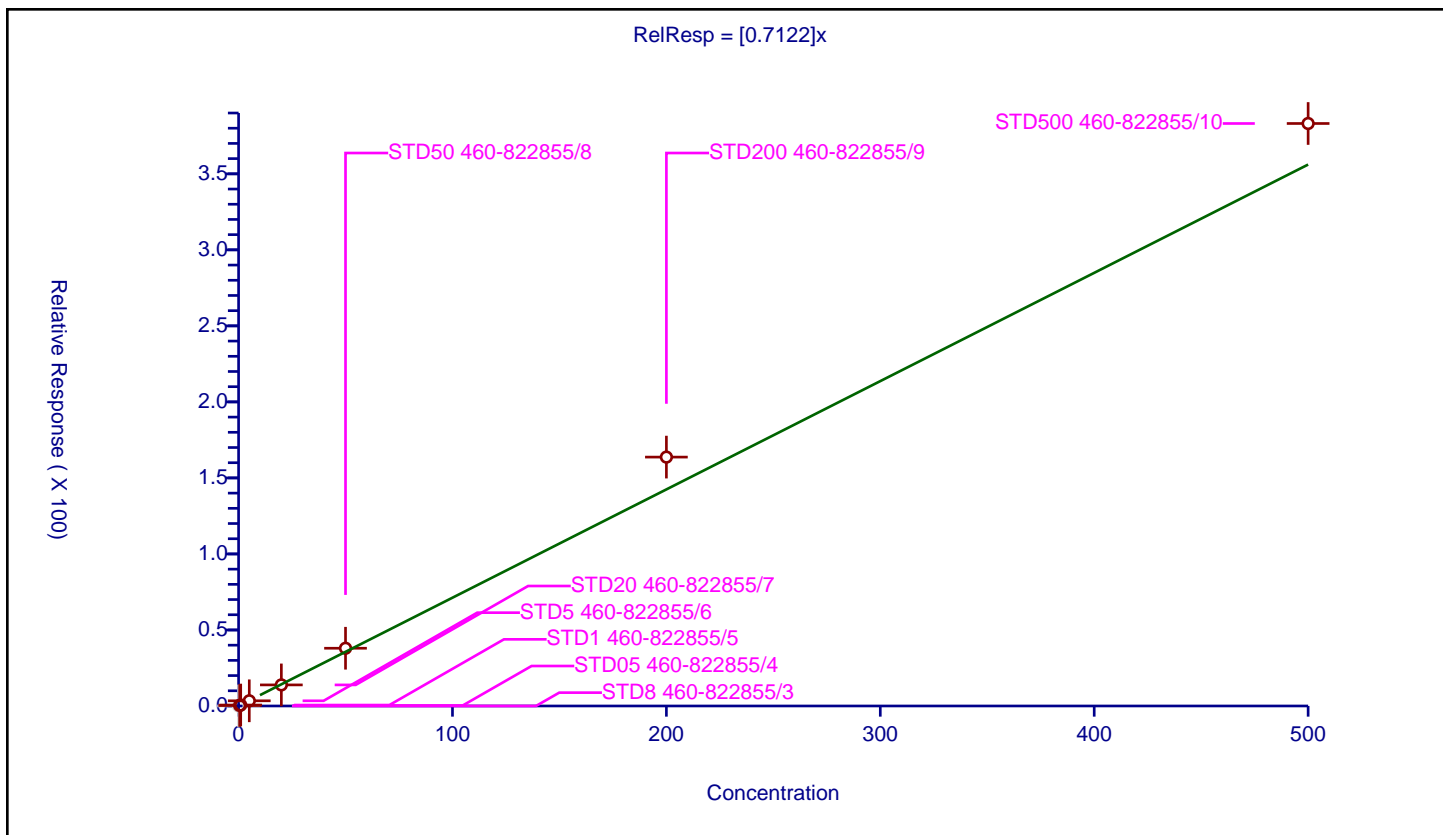
## Curve Coefficients

Intercept: 0  
 Slope: 0.7122

## Error Coefficients

Standard Error: 1400000  
 Relative Standard Error: 10.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.318482	50.0	347115.0	0.636965	Y
3	STD1 460-822855/5	1.0	0.629208	50.0	325727.0	0.629208	Y
4	STD5 460-822855/6	5.0	3.407945	50.0	330111.0	0.681589	Y
5	STD20 460-822855/7	20.0	13.870916	50.0	351927.0	0.693546	Y
6	STD50 460-822855/8	50.0	37.971196	50.0	363914.0	0.759424	Y
7	STD200 460-822855/9	200.0	163.695502	50.0	369552.0	0.818478	Y
8	STD500 460-822855/10	500.0	383.104022	50.0	415519.0	0.766208	Y



# Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

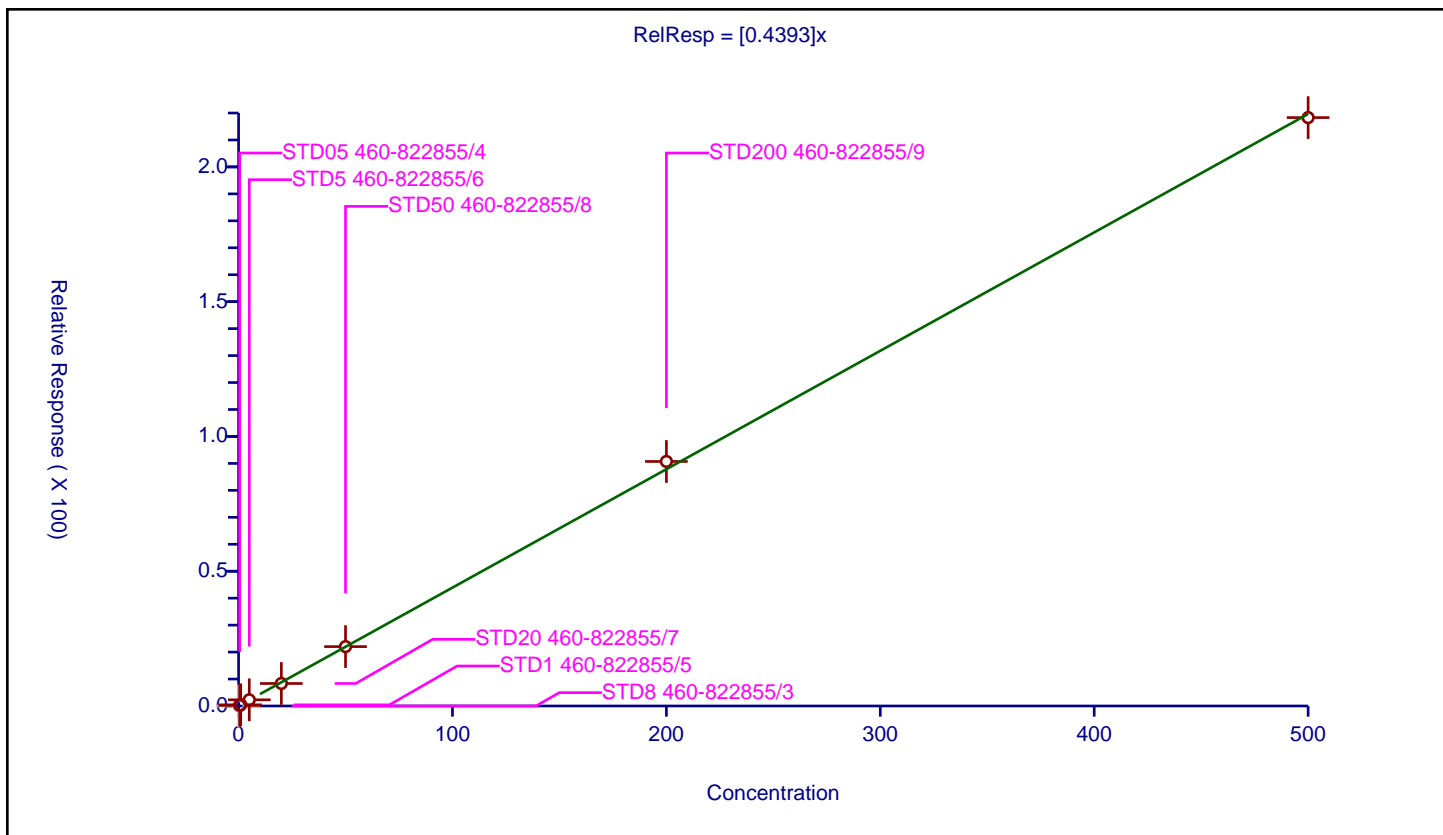
## Curve Coefficients

Intercept: 0  
 Slope: 0.4393

## Error Coefficients

Standard Error: 793000  
 Relative Standard Error: 3.2  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.22082	50.0	347115.0	0.44164	Y
3	STD1 460-822855/5	1.0	0.427352	50.0	325727.0	0.427352	Y
4	STD5 460-822855/6	5.0	2.288624	50.0	330111.0	0.457725	Y
5	STD20 460-822855/7	20.0	8.349459	50.0	351927.0	0.417473	Y
6	STD50 460-822855/8	50.0	22.02622	50.0	363914.0	0.440524	Y
7	STD200 460-822855/9	200.0	90.724039	50.0	369552.0	0.45362	Y
8	STD500 460-822855/10	500.0	218.298682	50.0	415519.0	0.436597	Y



# Calibration

/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

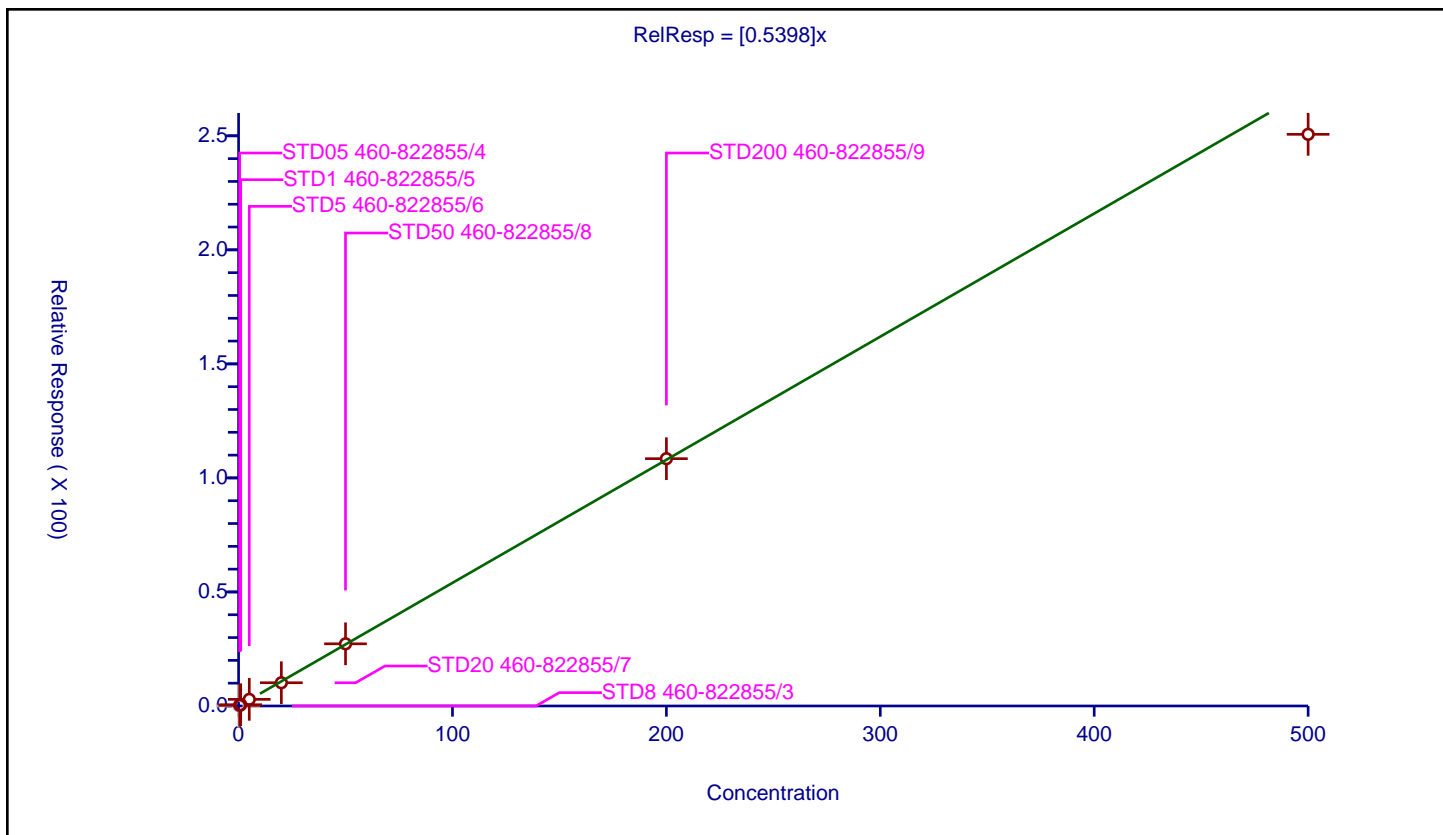
## Curve Coefficients

Intercept: 0  
 Slope: 0.5398

## Error Coefficients

Standard Error: 915000  
 Relative Standard Error: 5.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.273396	50.0	347115.0	0.546793	Y
3	STD1 460-822855/5	1.0	0.553224	50.0	325727.0	0.553224	Y
4	STD5 460-822855/6	5.0	2.902206	50.0	330111.0	0.580441	Y
5	STD20 460-822855/7	20.0	10.189613	50.0	351927.0	0.509481	Y
6	STD50 460-822855/8	50.0	27.261661	50.0	363914.0	0.545233	Y
7	STD200 460-822855/9	200.0	108.44049	50.0	369552.0	0.542202	Y
8	STD500 460-822855/10	500.0	250.653039	50.0	415519.0	0.501306	Y





# Calibration

/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

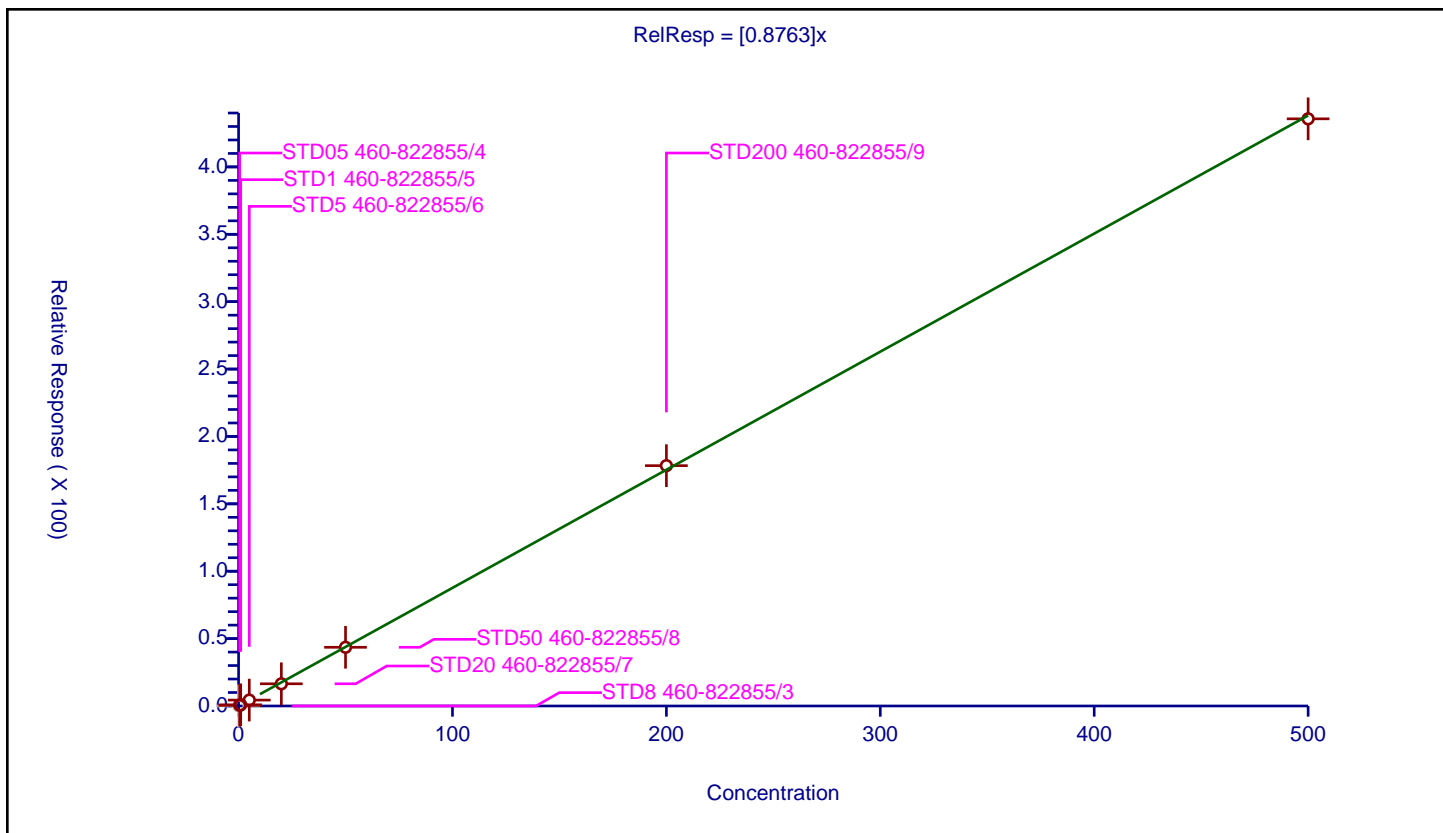
## Curve Coefficients

Intercept: 0  
 Slope: 0.8763

## Error Coefficients

Standard Error: 1580000  
 Relative Standard Error: 3.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.46051	50.0	347115.0	0.92102	Y
3	STD1 460-822855/5	1.0	0.878036	50.0	325727.0	0.878036	Y
4	STD5 460-822855/6	5.0	4.385798	50.0	330111.0	0.87716	Y
5	STD20 460-822855/7	20.0	16.474013	50.0	351927.0	0.823701	Y
6	STD50 460-822855/8	50.0	43.561116	50.0	363914.0	0.871222	Y
7	STD200 460-822855/9	200.0	178.334578	50.0	369552.0	0.891673	Y
8	STD500 460-822855/10	500.0	435.693554	50.0	415519.0	0.871387	Y



# Calibration

/ 2-Hexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

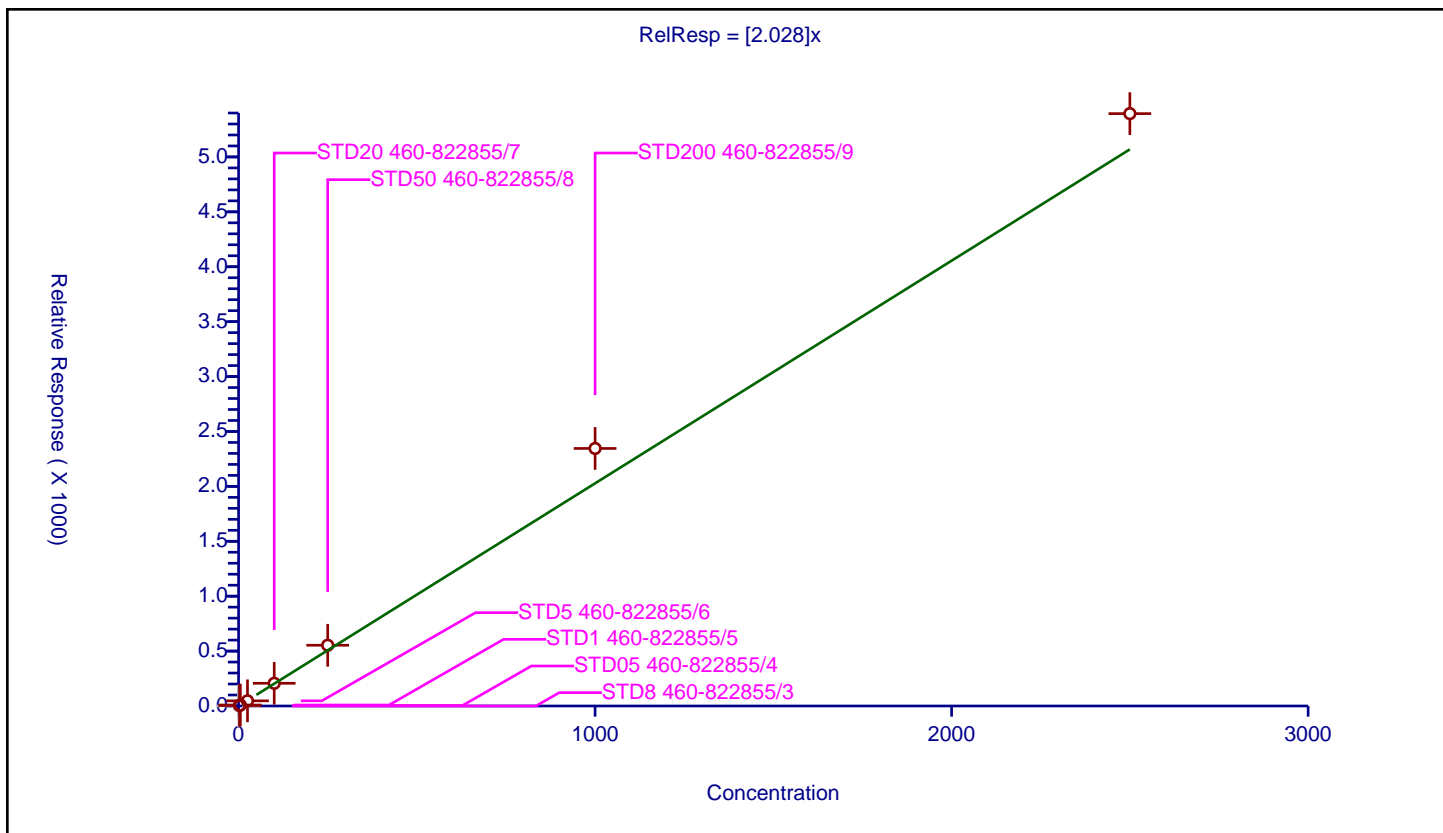
## Curve Coefficients

Intercept: 0  
 Slope: 2.028

## Error Coefficients

Standard Error: 3770000  
 Relative Standard Error: 11.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	250.0	321967.0	NaN	N
2	STD05 460-822855/4	2.5	4.429668	250.0	344834.0	1.771867	Y
3	STD1 460-822855/5	5.0	8.813998	250.0	328313.0	1.7628	Y
4	STD5 460-822855/6	25.0	46.904891	250.0	327226.0	1.876196	Y
5	STD20 460-822855/7	100.0	206.716743	250.0	323572.0	2.067167	Y
6	STD50 460-822855/8	250.0	552.961317	250.0	345809.0	2.211845	Y
7	STD200 460-822855/9	1000.0	2345.238197	250.0	352377.0	2.345238	Y
8	STD500 460-822855/10	2500.0	5394.487537	250.0	398107.0	2.157795	Y



# Calibration

/ n-Butyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

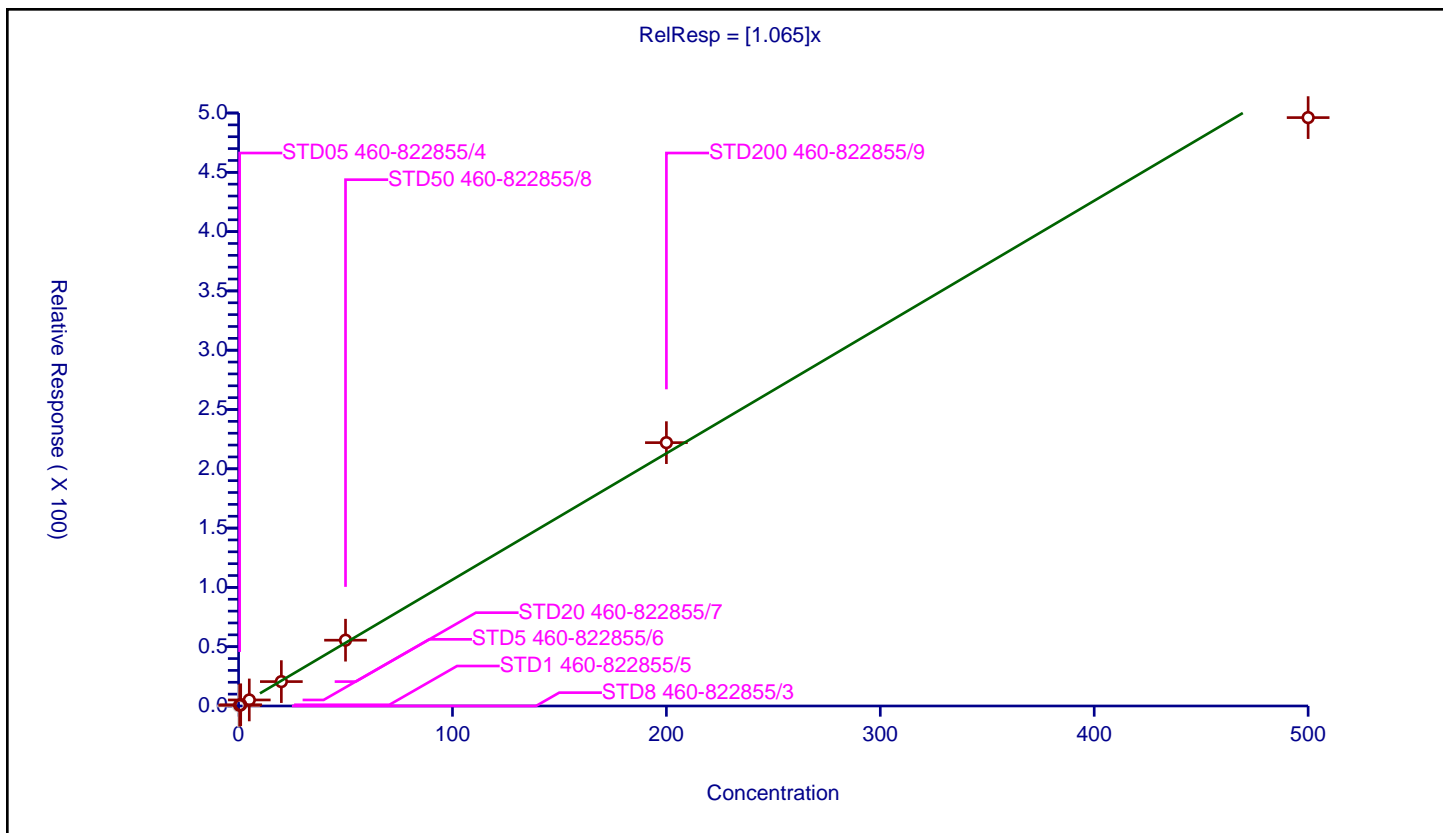
## Curve Coefficients

Intercept: 0  
 Slope: 1.065

## Error Coefficients

Standard Error: 1820000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.591447	50.0	347115.0	1.182893	Y
3	STD1 460-822855/5	1.0	1.013425	50.0	325727.0	1.013425	Y
4	STD5 460-822855/6	5.0	5.095407	50.0	330111.0	1.019081	Y
5	STD20 460-822855/7	20.0	20.557104	50.0	351927.0	1.027855	Y
6	STD50 460-822855/8	50.0	55.478355	50.0	363914.0	1.109567	Y
7	STD200 460-822855/9	200.0	222.057789	50.0	369552.0	1.110289	Y
8	STD500 460-822855/10	500.0	496.132066	50.0	415519.0	0.992264	Y



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

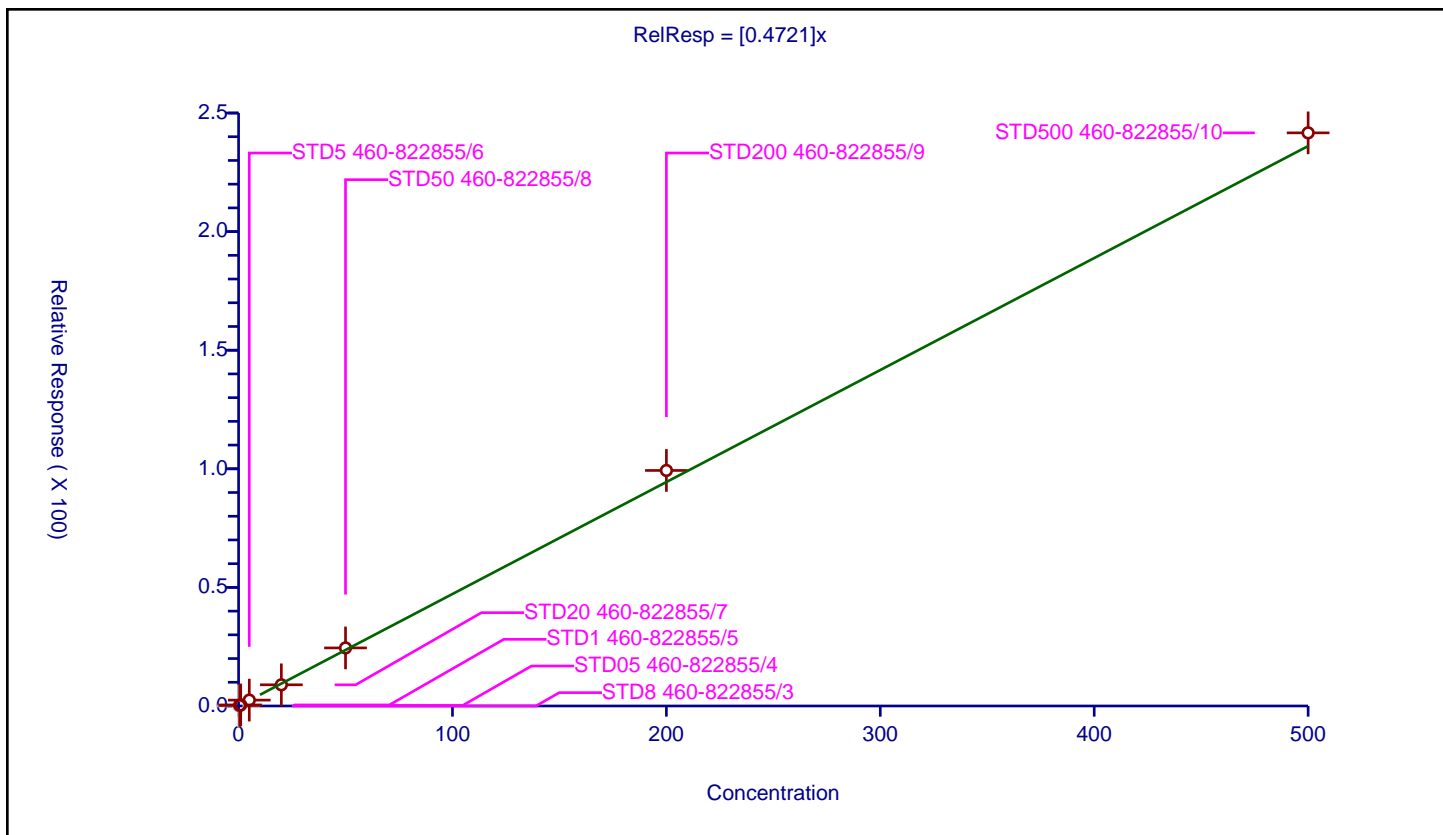
## Curve Coefficients

Intercept: 0  
 Slope: 0.4721

## Error Coefficients

Standard Error: 876000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.22543	50.0	347115.0	0.450859	Y
3	STD1 460-822855/5	1.0	0.44347	50.0	325727.0	0.44347	Y
4	STD5 460-822855/6	5.0	2.474774	50.0	330111.0	0.494955	Y
5	STD20 460-822855/7	20.0	8.927135	50.0	351927.0	0.446357	Y
6	STD50 460-822855/8	50.0	24.47625	50.0	363914.0	0.489525	Y
7	STD200 460-822855/9	200.0	99.297393	50.0	369552.0	0.496487	Y
8	STD500 460-822855/10	500.0	241.630226	50.0	415519.0	0.48326	Y



# Calibration

/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

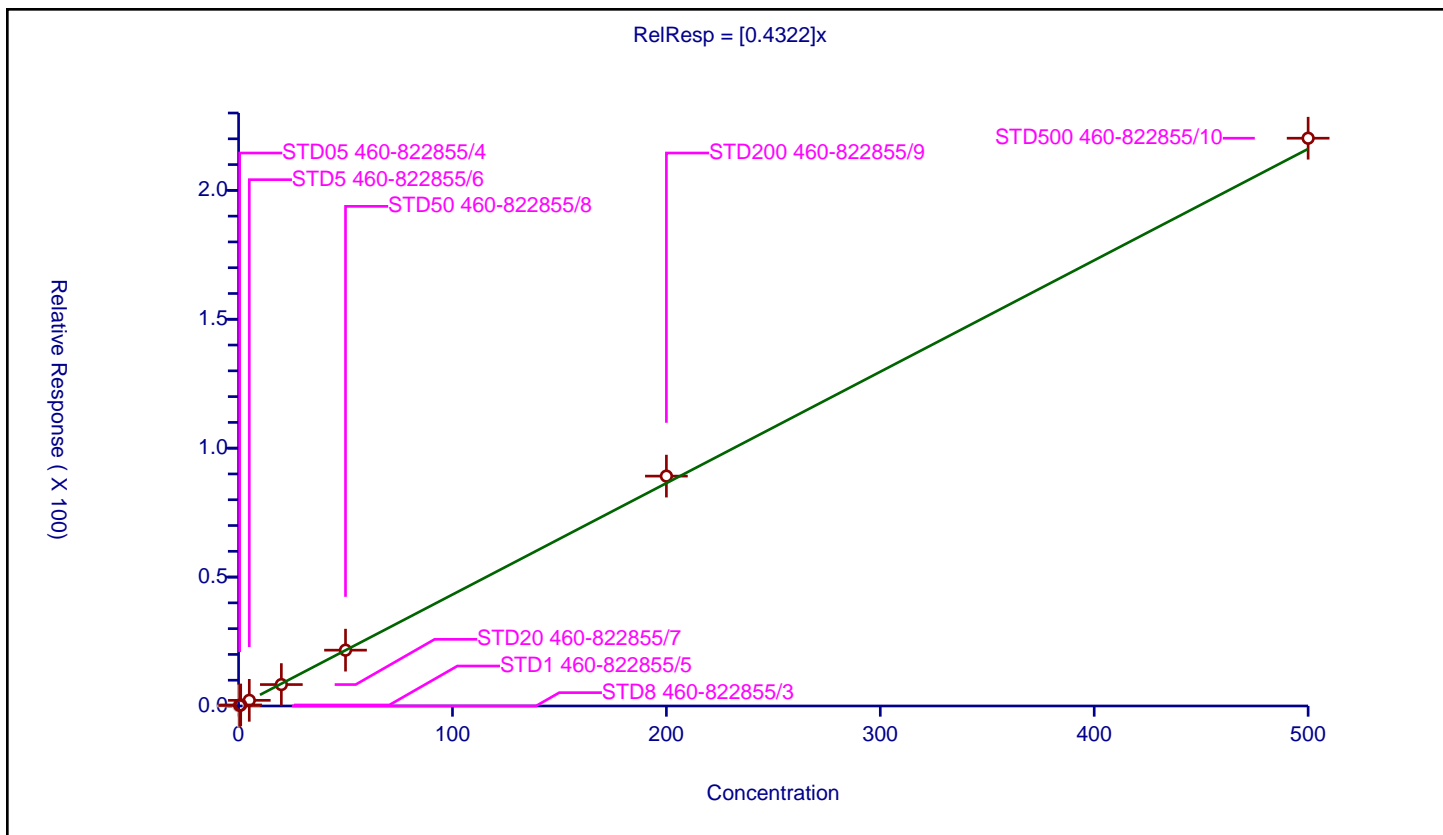
## Curve Coefficients

Intercept: 0  
 Slope: 0.4322

## Error Coefficients

Standard Error: 797000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.226294	50.0	347115.0	0.452588	Y
3	STD1 460-822855/5	1.0	0.39834	50.0	325727.0	0.39834	Y
4	STD5 460-822855/6	5.0	2.19714	50.0	330111.0	0.439428	Y
5	STD20 460-822855/7	20.0	8.307405	50.0	351927.0	0.41537	Y
6	STD50 460-822855/8	50.0	21.657315	50.0	363914.0	0.433146	Y
7	STD200 460-822855/9	200.0	89.162012	50.0	369552.0	0.44581	Y
8	STD500 460-822855/10	500.0	220.228798	50.0	415519.0	0.440458	Y



# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

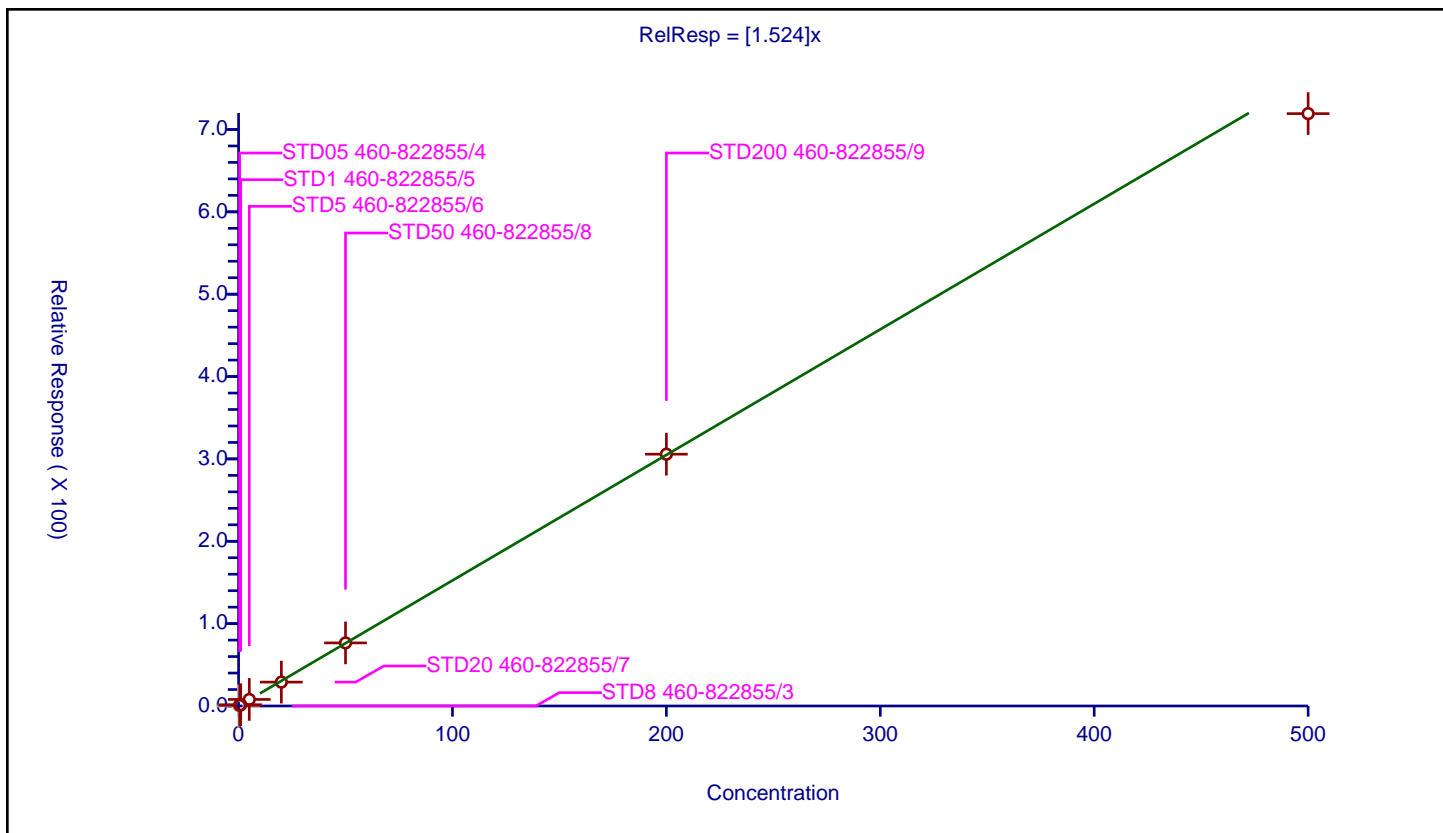
## Curve Coefficients

Intercept: 0  
 Slope: 1.524

## Error Coefficients

Standard Error: 2620000  
 Relative Standard Error: 4.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.796566	50.0	347115.0	1.593132	Y
3	STD1 460-822855/5	1.0	1.53733	50.0	325727.0	1.53733	Y
4	STD5 460-822855/6	5.0	7.958232	50.0	330111.0	1.591646	Y
5	STD20 460-822855/7	20.0	28.987404	50.0	351927.0	1.44937	Y
6	STD50 460-822855/8	50.0	76.603676	50.0	363914.0	1.532074	Y
7	STD200 460-822855/9	200.0	305.754535	50.0	369552.0	1.528773	Y
8	STD500 460-822855/10	500.0	719.256039	50.0	415519.0	1.438512	Y



# Calibration

/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

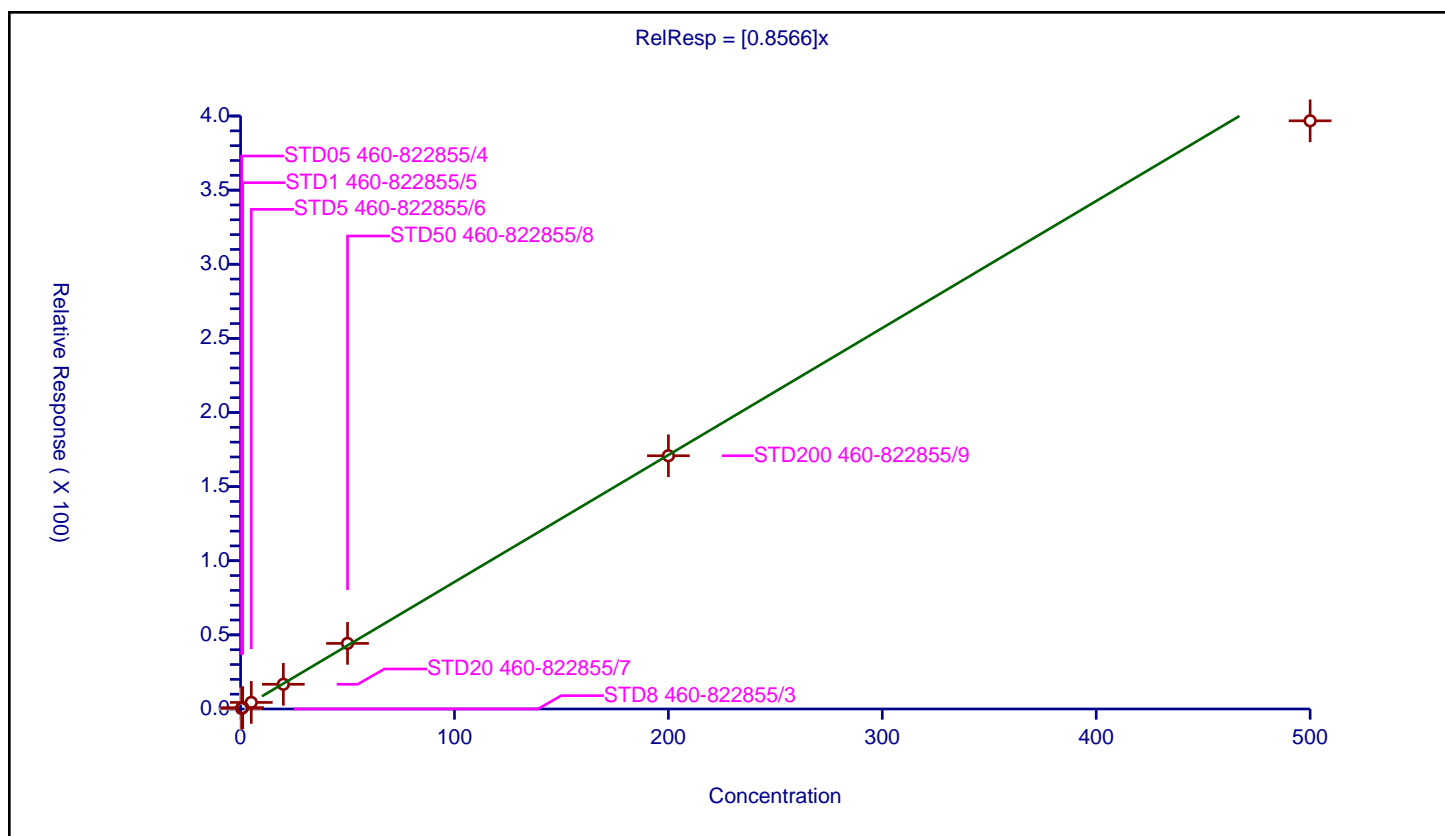
## Curve Coefficients

Intercept: 0  
 Slope: 0.8566

## Error Coefficients

Standard Error: 1450000  
 Relative Standard Error: 4.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.429973	50.0	347115.0	0.859946	Y
3	STD1 460-822855/5	1.0	0.88433	50.0	325727.0	0.88433	Y
4	STD5 460-822855/6	5.0	4.430934	50.0	330111.0	0.886187	Y
5	STD20 460-822855/7	20.0	16.666098	50.0	351927.0	0.833305	Y
6	STD50 460-822855/8	50.0	44.243695	50.0	363914.0	0.884874	Y
7	STD200 460-822855/9	200.0	170.824674	50.0	369552.0	0.854123	Y
8	STD500 460-822855/10	500.0	396.756225	50.0	415519.0	0.793512	Y



# Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

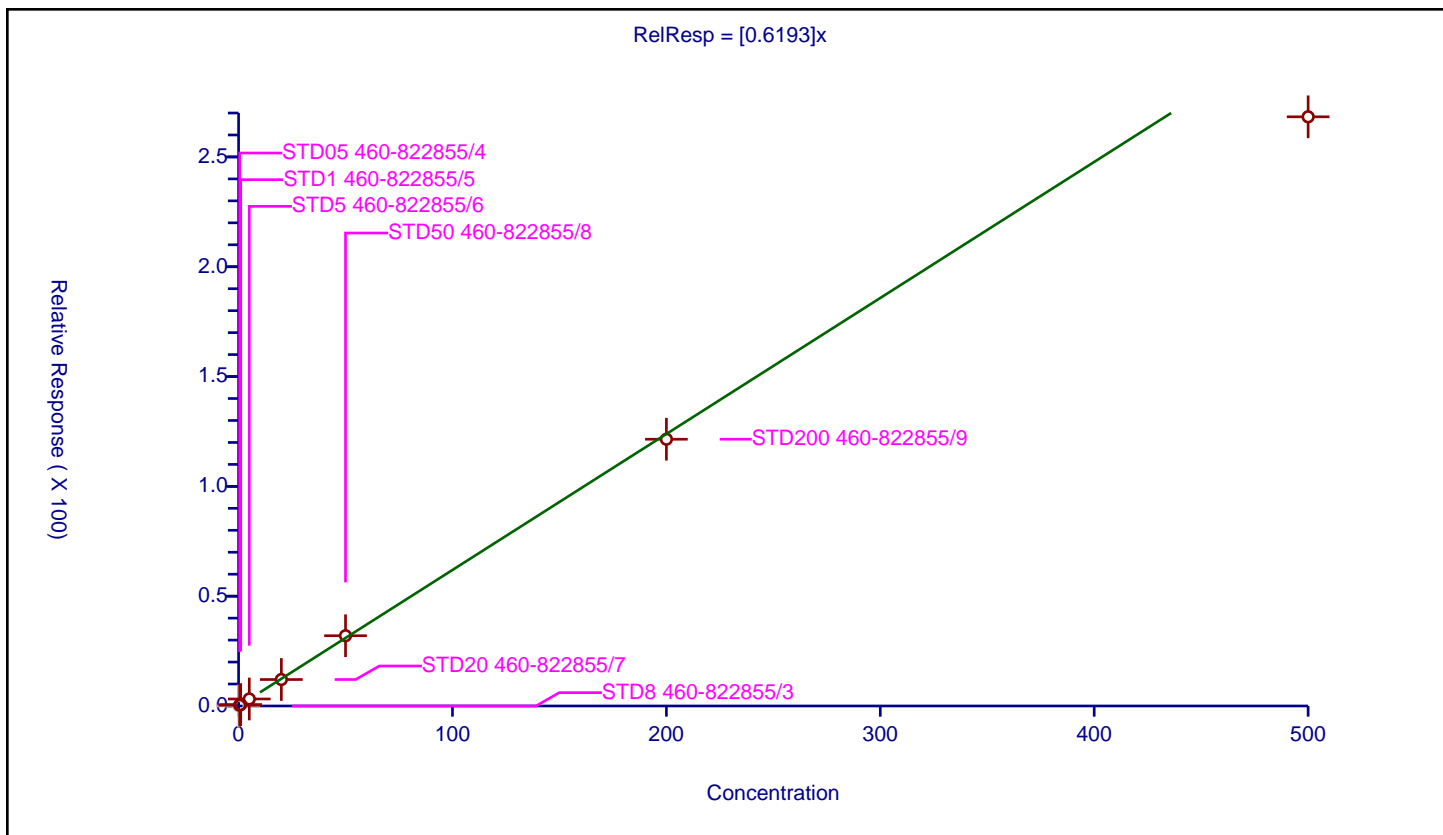
## Curve Coefficients

Intercept: 0  
Slope: 0.6193

## Error Coefficients

Standard Error: 986000  
Relative Standard Error: 6.8  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.32943	50.0	347115.0	0.658859	Y
3	STD1 460-822855/5	1.0	0.652847	50.0	325727.0	0.652847	Y
4	STD5 460-822855/6	5.0	3.184989	50.0	330111.0	0.636998	Y
5	STD20 460-822855/7	20.0	12.055625	50.0	351927.0	0.602781	Y
6	STD50 460-822855/8	50.0	31.983793	50.0	363914.0	0.639676	Y
7	STD200 460-822855/9	200.0	121.461526	50.0	369552.0	0.607308	Y
8	STD500 460-822855/10	500.0	268.277744	50.0	415519.0	0.536555	Y





# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

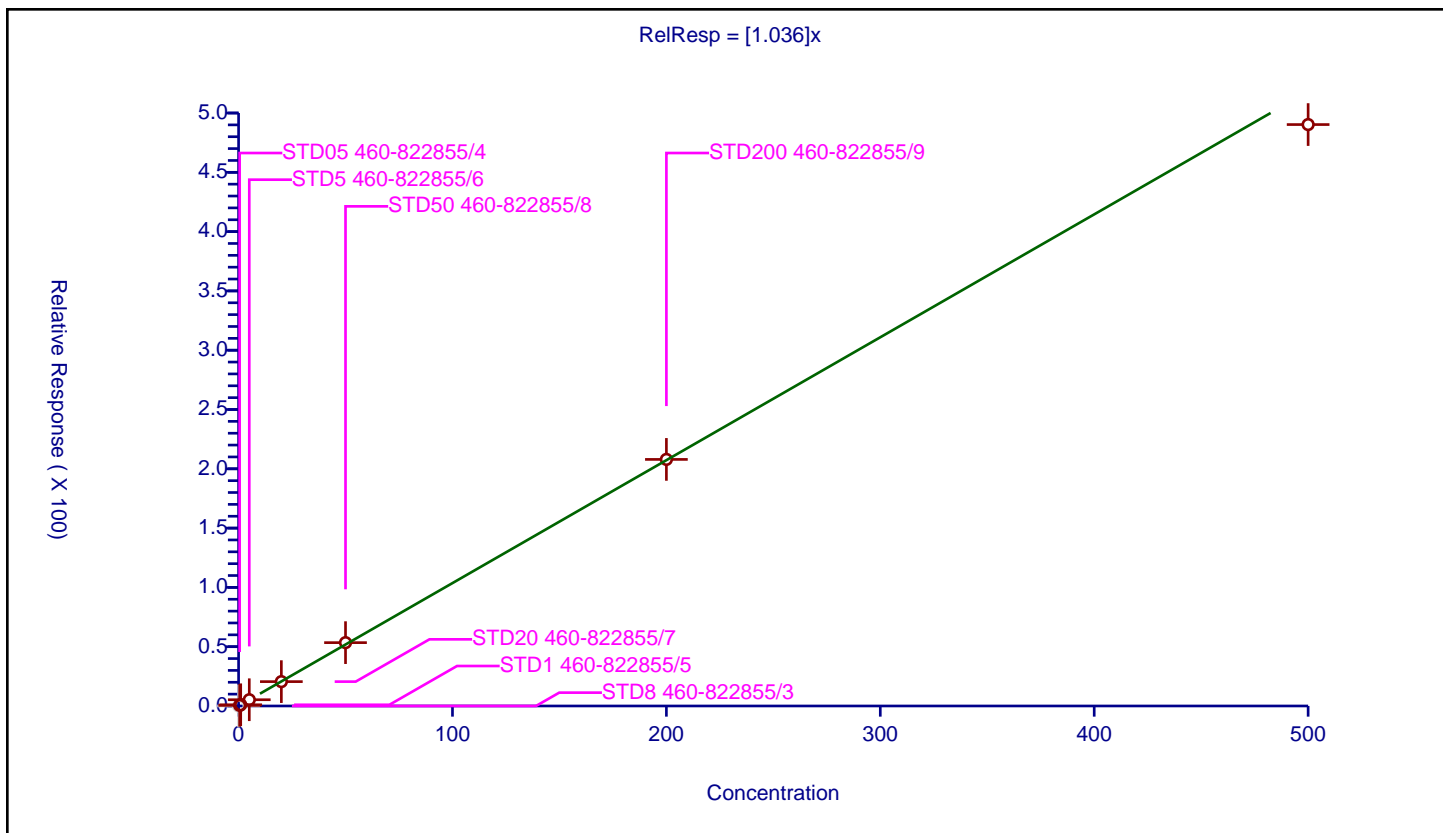
## Curve Coefficients

Intercept: 0  
 Slope: 1.036

## Error Coefficients

Standard Error: 1790000  
 Relative Standard Error: 2.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.526771	50.0	347115.0	1.053541	Y
3	STD1 460-822855/5	1.0	1.031539	50.0	325727.0	1.031539	Y
4	STD5 460-822855/6	5.0	5.26944	50.0	330111.0	1.053888	Y
5	STD20 460-822855/7	20.0	20.54105	50.0	351927.0	1.027052	Y
6	STD50 460-822855/8	50.0	53.415505	50.0	363914.0	1.06831	Y
7	STD200 460-822855/9	200.0	207.921619	50.0	369552.0	1.039608	Y
8	STD500 460-822855/10	500.0	490.274813	50.0	415519.0	0.98055	Y



# Calibration

/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

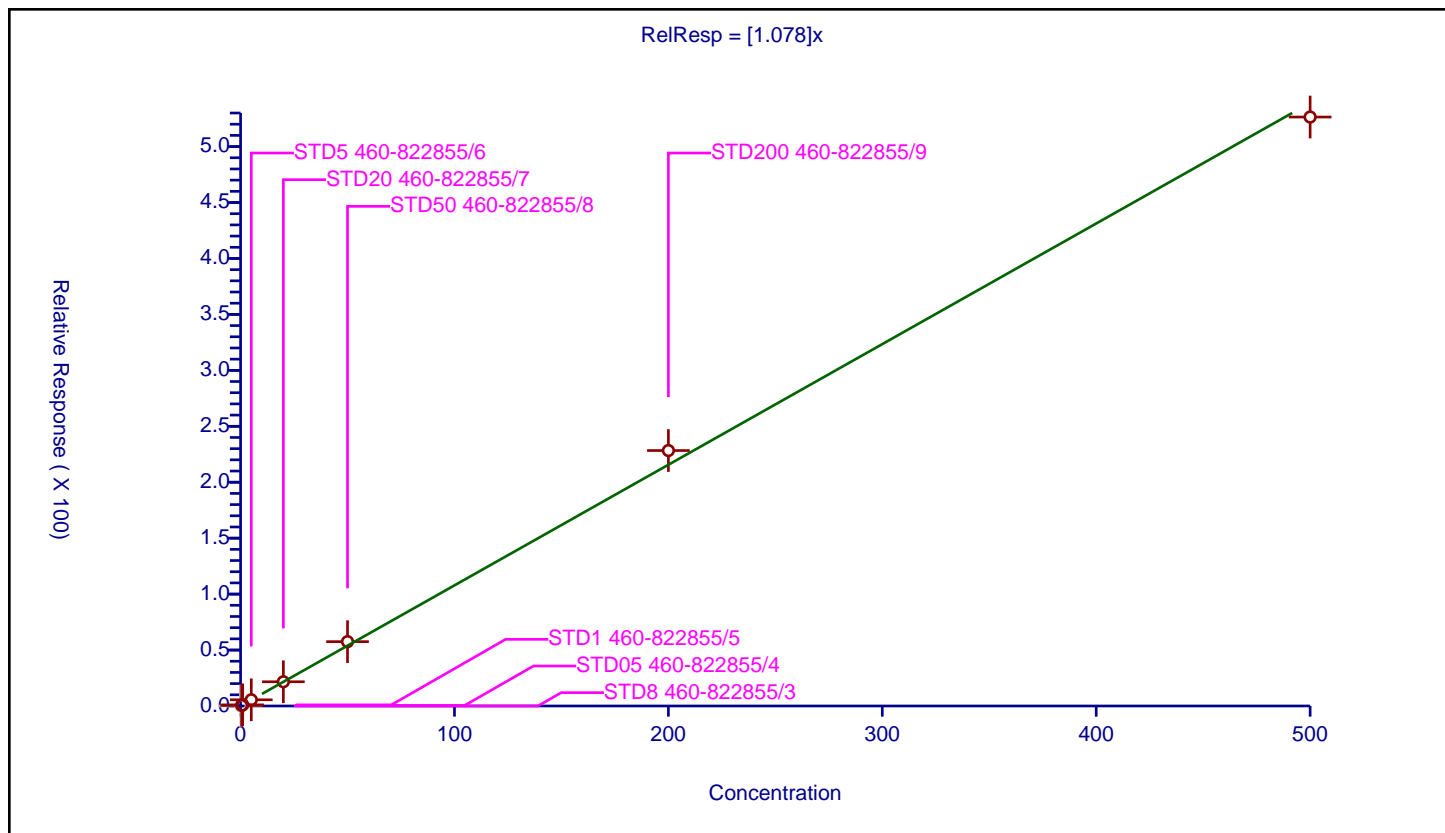
## Curve Coefficients

Intercept: 0  
 Slope: 1.078

## Error Coefficients

Standard Error: 1920000  
 Relative Standard Error: 5.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.498538	50.0	347115.0	0.997076	Y
3	STD1 460-822855/5	1.0	1.014807	50.0	325727.0	1.014807	Y
4	STD5 460-822855/6	5.0	5.537986	50.0	330111.0	1.107597	Y
5	STD20 460-822855/7	20.0	21.655201	50.0	351927.0	1.08276	Y
6	STD50 460-822855/8	50.0	57.508917	50.0	363914.0	1.150178	Y
7	STD200 460-822855/9	200.0	228.319154	50.0	369552.0	1.141596	Y
8	STD500 460-822855/10	500.0	526.391934	50.0	415519.0	1.052784	Y



# Calibration

/ n-Butyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

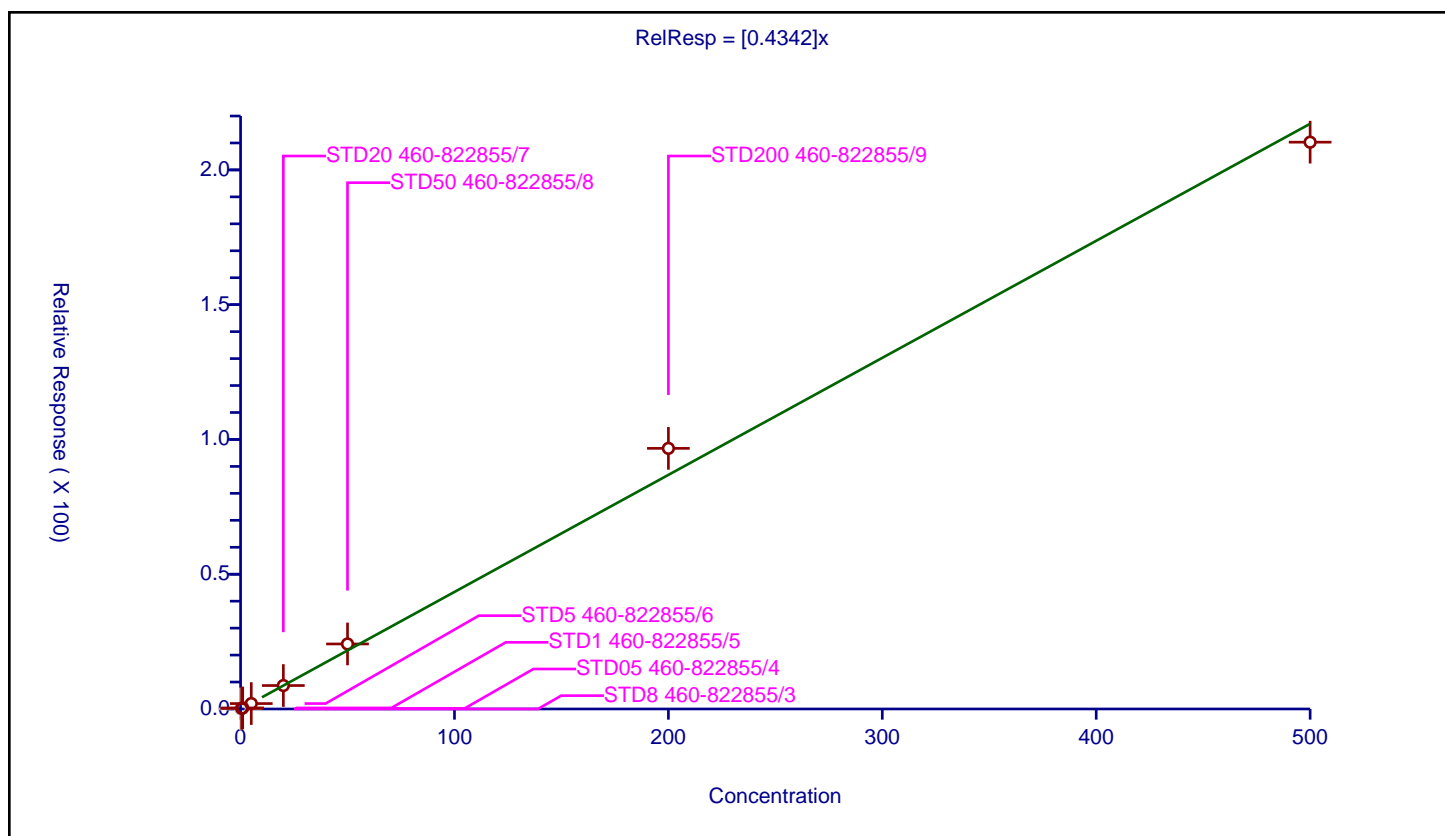
## Curve Coefficients

Intercept: 0  
 Slope: 0.4342

## Error Coefficients

Standard Error: 774000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.214194	50.0	347115.0	0.428388	Y
3	STD1 460-822855/5	1.0	0.386366	50.0	325727.0	0.386366	Y
4	STD5 460-822855/6	5.0	2.017806	50.0	330111.0	0.403561	Y
5	STD20 460-822855/7	20.0	8.697116	50.0	351927.0	0.434856	Y
6	STD50 460-822855/8	50.0	24.126305	50.0	363914.0	0.482526	Y
7	STD200 460-822855/9	200.0	96.692076	50.0	369552.0	0.48346	Y
8	STD500 460-822855/10	500.0	210.293994	50.0	415519.0	0.420588	Y



# Calibration

/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

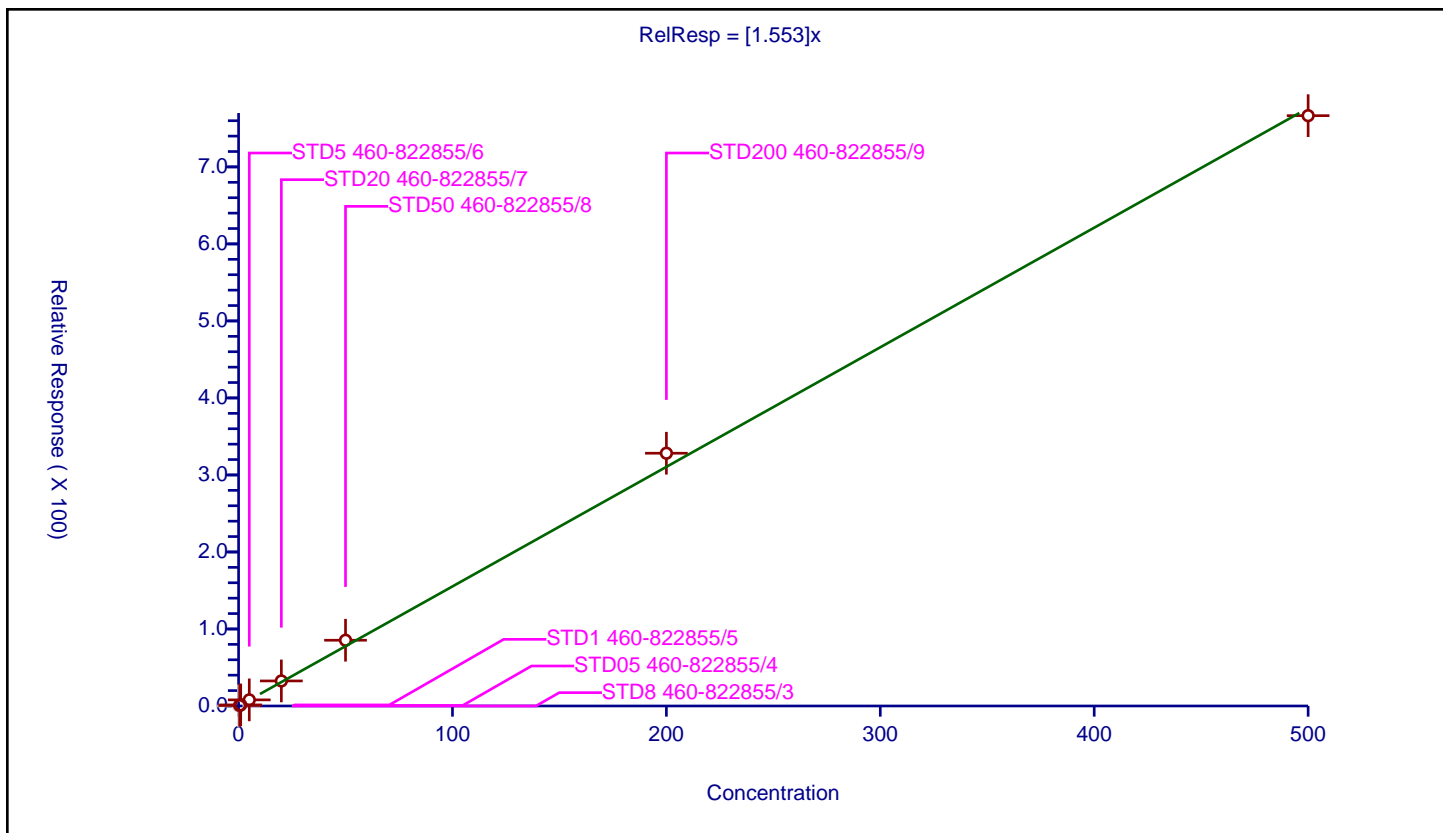
## Curve Coefficients

Intercept: 0  
 Slope: 1.553

## Error Coefficients

Standard Error: 2800000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.678594	50.0	347115.0	1.357187	Y
3	STD1 460-822855/5	1.0	1.415296	50.0	325727.0	1.415296	Y
4	STD5 460-822855/6	5.0	7.940814	50.0	330111.0	1.588163	Y
5	STD20 460-822855/7	20.0	32.528621	50.0	351927.0	1.626431	Y
6	STD50 460-822855/8	50.0	85.367285	50.0	363914.0	1.707346	Y
7	STD200 460-822855/9	200.0	328.22228	50.0	369552.0	1.641111	Y
8	STD500 460-822855/10	500.0	766.571204	50.0	415519.0	1.533142	Y



# Calibration

/ Bromoform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

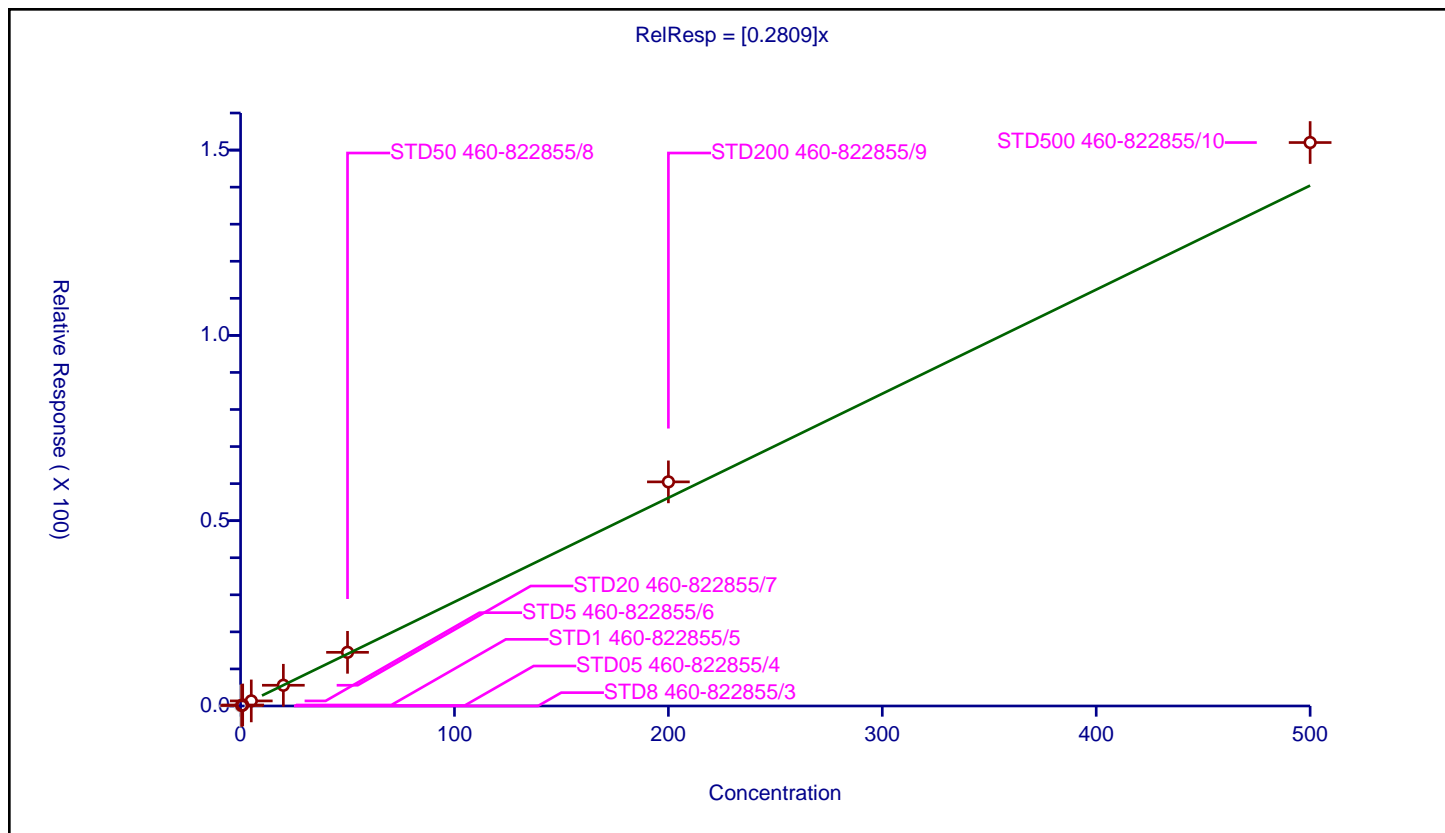
## Curve Coefficients

Intercept: 0  
 Slope: 0.2809

## Error Coefficients

Standard Error: 549000  
 Relative Standard Error: 7.2  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	0.122726	50.0	347115.0	0.245452	Y
3	STD1 460-822855/5	1.0	0.270779	50.0	325727.0	0.270779	Y
4	STD5 460-822855/6	5.0	1.370903	50.0	330111.0	0.274181	Y
5	STD20 460-822855/7	20.0	5.591074	50.0	351927.0	0.279554	Y
6	STD50 460-822855/8	50.0	14.481306	50.0	363914.0	0.289626	Y
7	STD200 460-822855/9	200.0	60.47241	50.0	369552.0	0.302362	Y
8	STD500 460-822855/10	500.0	152.036971	50.0	415519.0	0.304074	Y



# Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

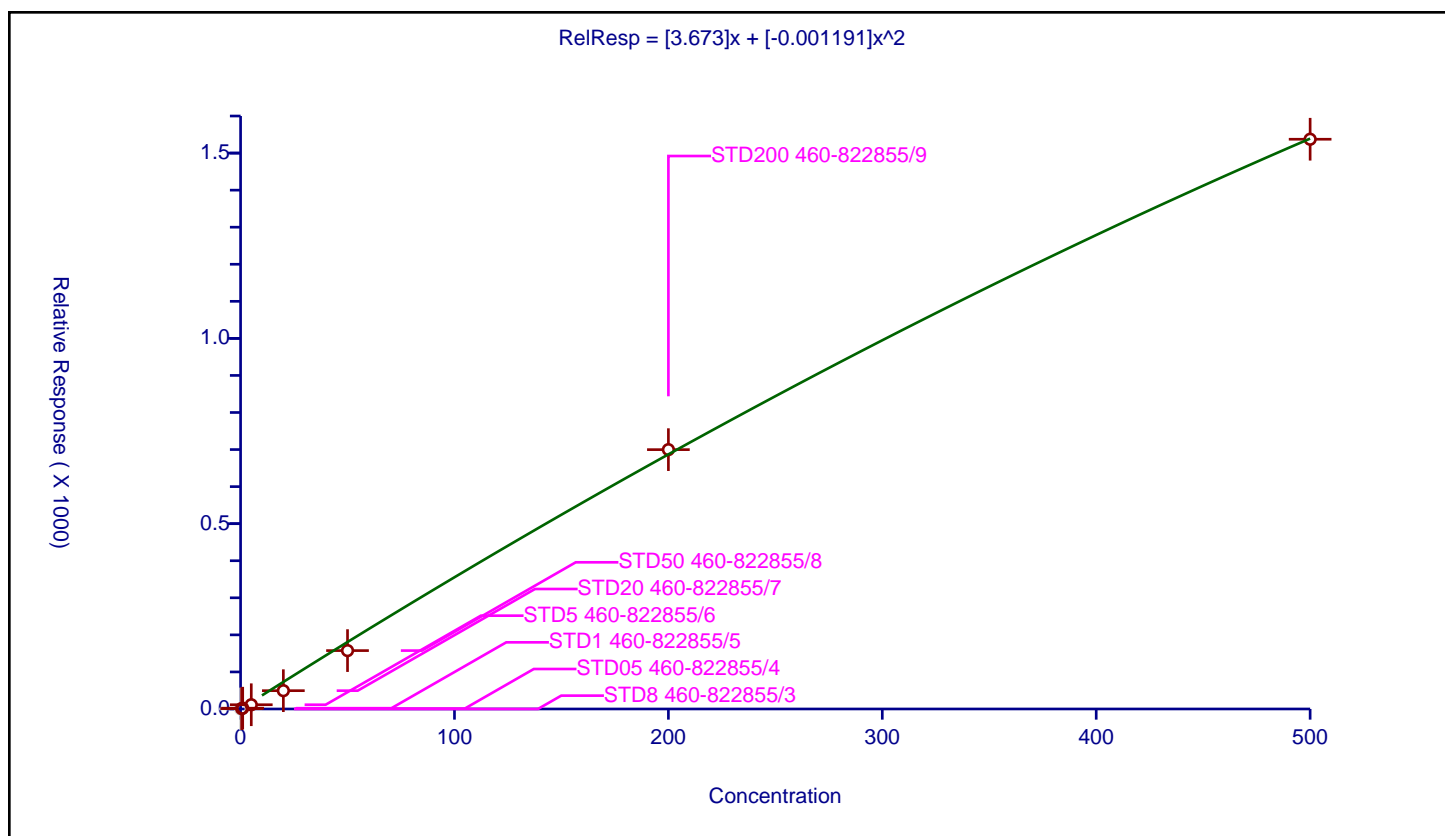
## Curve Coefficients

Intercept: 0  
 Slope: 3.673  
 Second Order: -0.001191

## Error Coefficients

Standard Error: 2680000  
 Relative Standard Error: 36.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.973847	50.0	194435.0	1.947695	Y
3	STD1 460-822855/5	1.0	2.117279	50.0	179145.0	2.117279	Y
4	STD5 460-822855/6	5.0	11.464621	50.0	182723.0	2.292924	Y
5	STD20 460-822855/7	20.0	49.38302	50.0	191173.0	2.469151	Y
6	STD50 460-822855/8	50.0	157.550455	50.0	176049.0	3.151009	Y
7	STD200 460-822855/9	200.0	699.820231	50.0	159649.0	3.499101	Y
8	STD500 460-822855/10	500.0	1537.306236	50.0	180116.0	3.074612	Y



# Calibration

/ Isopropylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

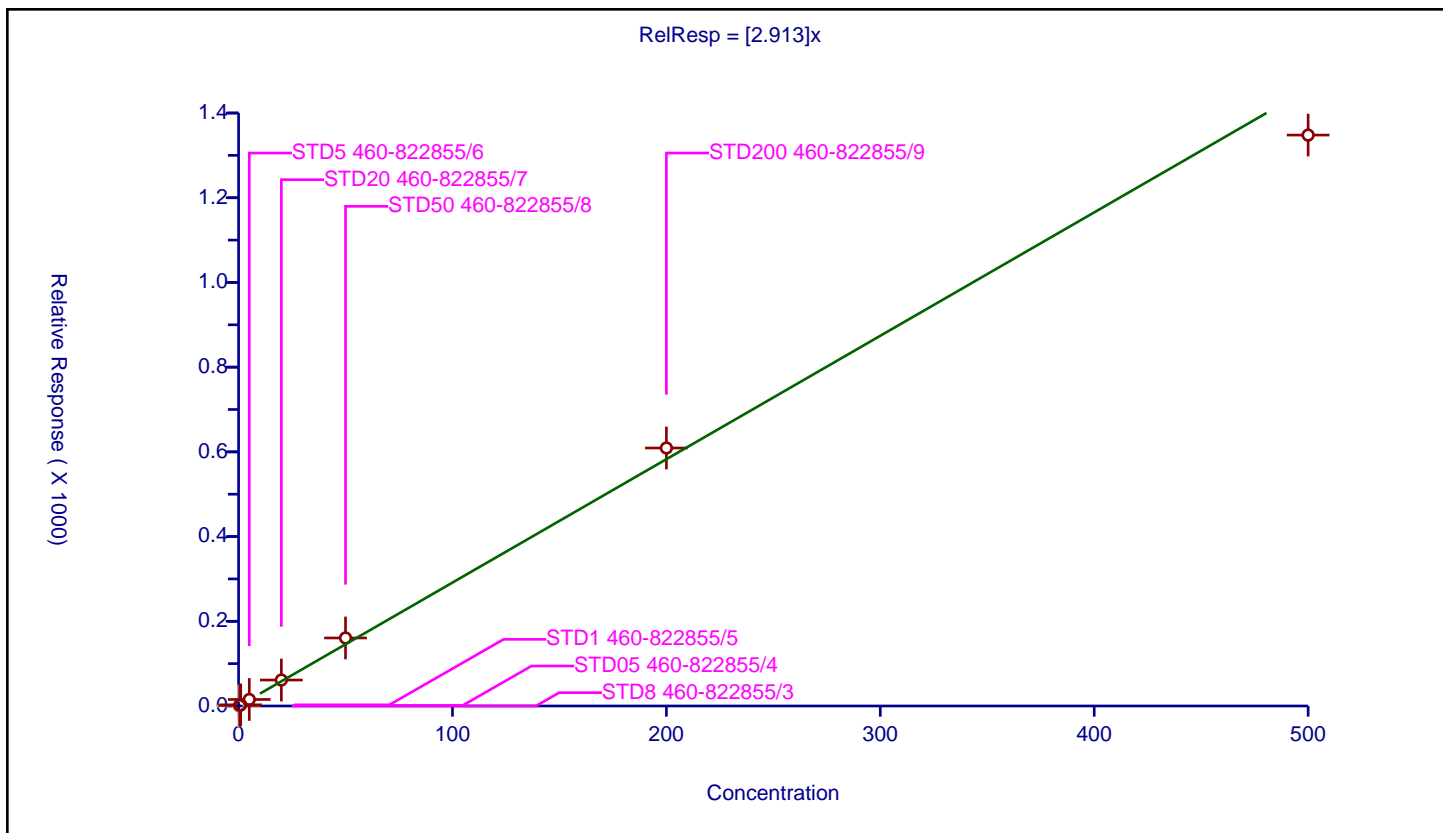
## Curve Coefficients

Intercept: 0  
 Slope: 2.913

## Error Coefficients

Standard Error: 4950000  
 Relative Standard Error: 8.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	330233.0	NaN	N
2	STD05 460-822855/4	0.5	1.291791	50.0	347115.0	2.583582	Y
3	STD1 460-822855/5	1.0	2.713008	50.0	325727.0	2.713008	Y
4	STD5 460-822855/6	5.0	15.396942	50.0	330111.0	3.079388	Y
5	STD20 460-822855/7	20.0	61.308595	50.0	351927.0	3.06543	Y
6	STD50 460-822855/8	50.0	160.565683	50.0	363914.0	3.211314	Y
7	STD200 460-822855/9	200.0	609.106567	50.0	369552.0	3.045533	Y
8	STD500 460-822855/10	500.0	1347.918627	50.0	415519.0	2.695837	Y



# Calibration

/ 4-Bromofluorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

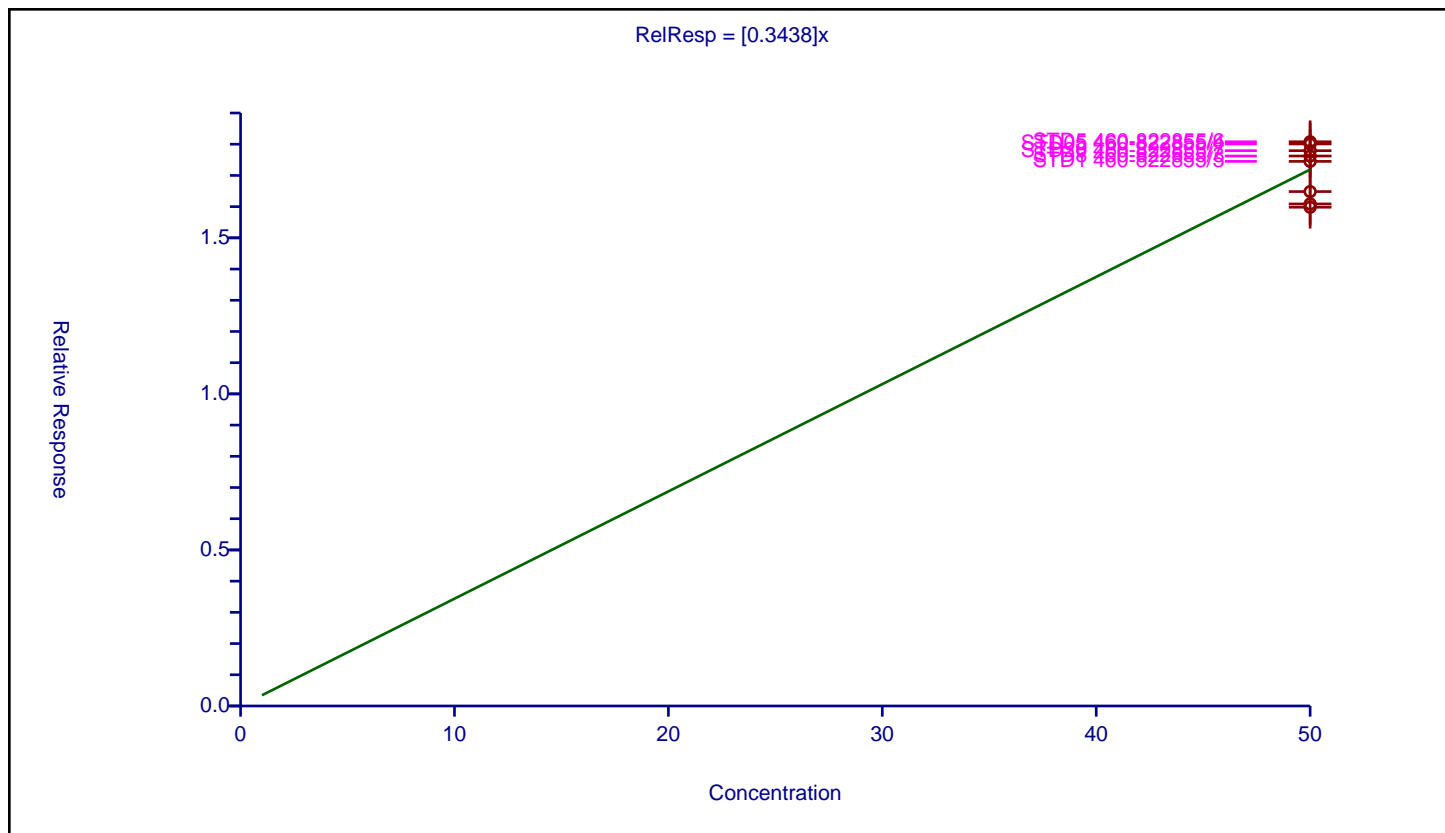
## Curve Coefficients

Intercept: 0  
 Slope: 0.3438

## Error Coefficients

Standard Error: 130000  
 Relative Standard Error: 5.0  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	50.0	17.622103	50.0	330233.0	0.352442	Y
2	STD05 460-822855/4	50.0	18.008009	50.0	347115.0	0.36016	Y
3	STD1 460-822855/5	50.0	17.450196	50.0	325727.0	0.349004	Y
4	STD5 460-822855/6	50.0	18.079222	50.0	330111.0	0.361584	Y
5	STD20 460-822855/7	50.0	17.793889	50.0	351927.0	0.355878	Y
6	STD50 460-822855/8	50.0	16.482466	50.0	363914.0	0.329649	Y
7	STD200 460-822855/9	50.0	15.981242	50.0	369552.0	0.319625	Y
8	STD500 460-822855/10	50.0	16.08699	50.0	415519.0	0.32174	Y





# Calibration

/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

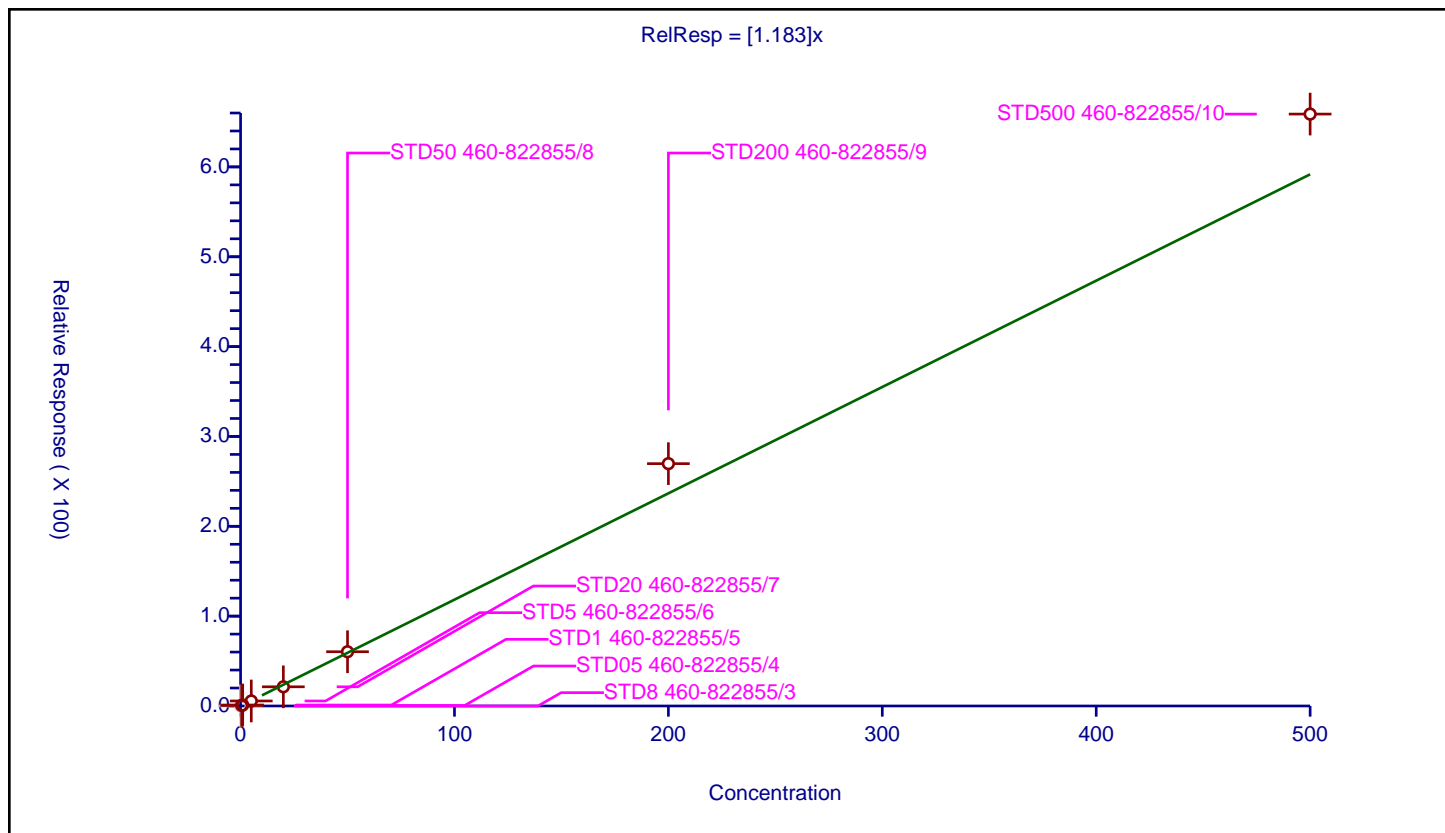
## Curve Coefficients

Intercept: 0  
 Slope: 1.183

## Error Coefficients

Standard Error: 1030000  
 Relative Standard Error: 9.5  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.575514	50.0	194435.0	1.151027	Y
3	STD1 460-822855/5	1.0	1.074828	50.0	179145.0	1.074828	Y
4	STD5 460-822855/6	5.0	5.580852	50.0	182723.0	1.11617	Y
5	STD20 460-822855/7	20.0	21.358142	50.0	191173.0	1.067907	Y
6	STD50 460-822855/8	50.0	60.398809	50.0	176049.0	1.207976	Y
7	STD200 460-822855/9	200.0	269.738927	50.0	159649.0	1.348695	Y
8	STD500 460-822855/10	500.0	658.813764	50.0	180116.0	1.317628	Y



# Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

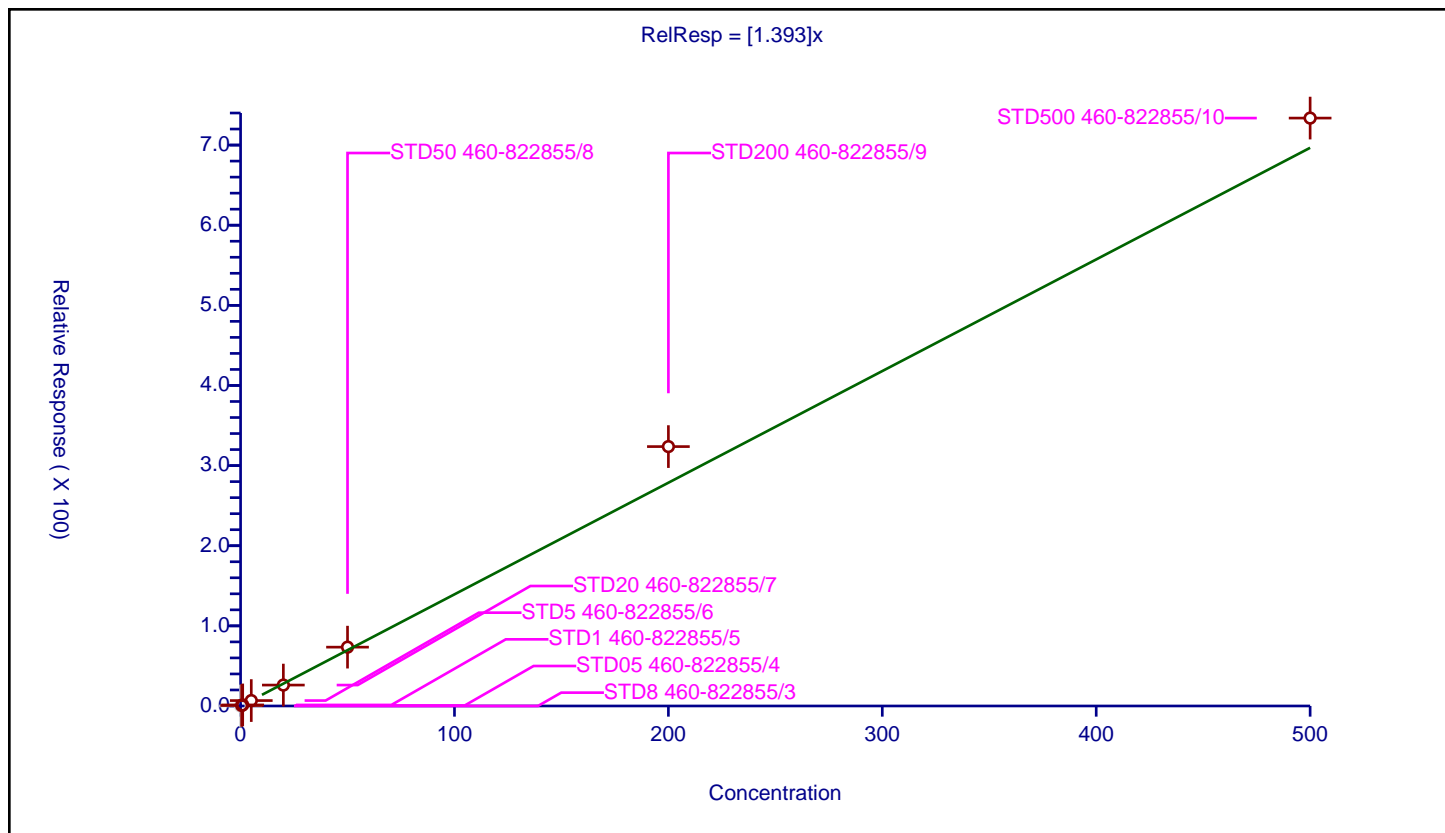
## Curve Coefficients

Intercept: 0  
 Slope: 1.393

## Error Coefficients

Standard Error: 1160000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.611001	50.0	194435.0	1.222002	Y
3	STD1 460-822855/5	1.0	1.316252	50.0	179145.0	1.316252	Y
4	STD5 460-822855/6	5.0	6.773367	50.0	182723.0	1.354673	Y
5	STD20 460-822855/7	20.0	26.101228	50.0	191173.0	1.305061	Y
6	STD50 460-822855/8	50.0	73.419616	50.0	176049.0	1.468392	Y
7	STD200 460-822855/9	200.0	323.723919	50.0	159649.0	1.61862	Y
8	STD500 460-822855/10	500.0	733.662195	50.0	180116.0	1.467324	Y



# Calibration

/ N-Propylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

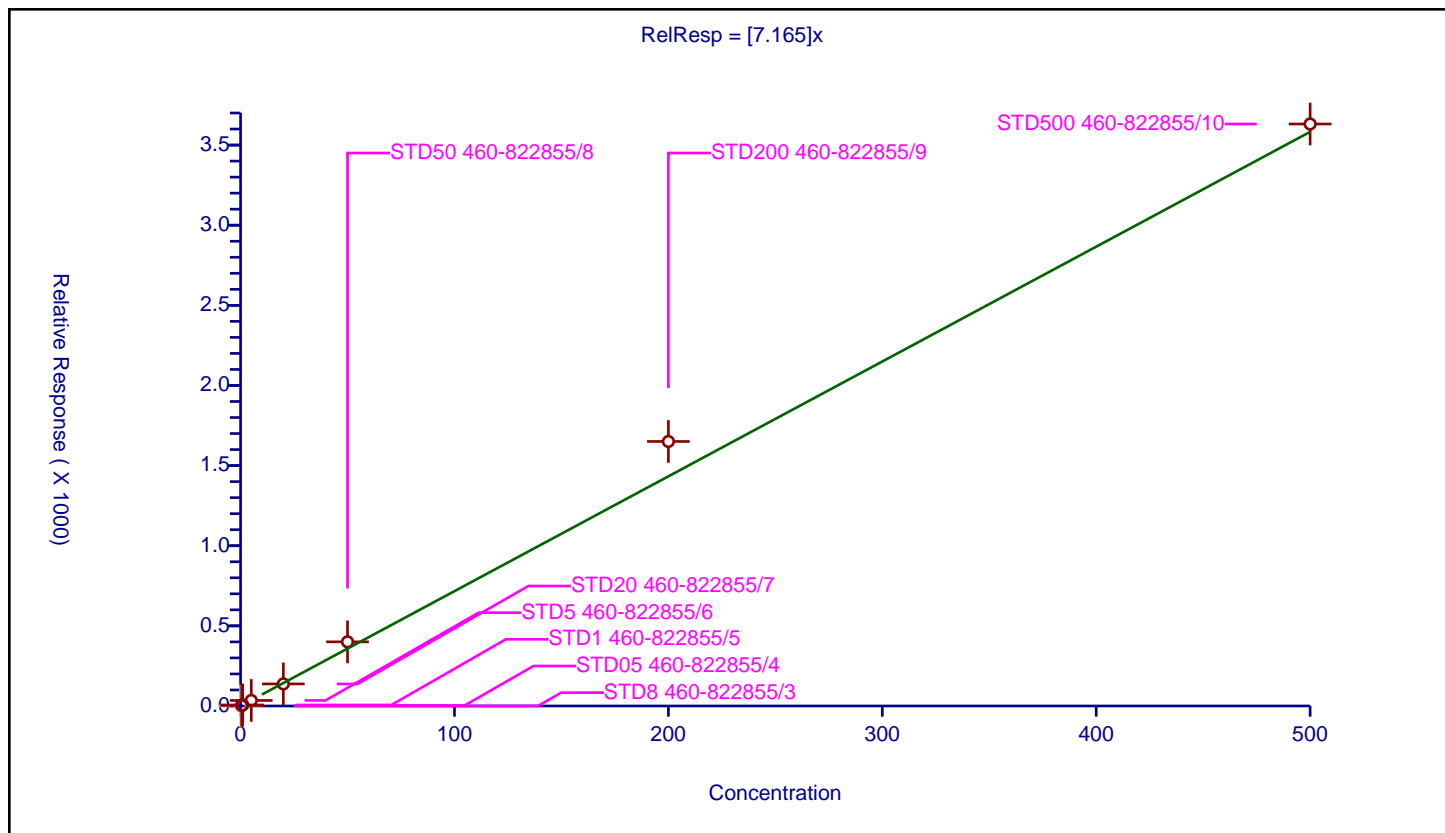
## Curve Coefficients

Intercept: 0  
 Slope: 7.165

## Error Coefficients

Standard Error: 5790000  
 Relative Standard Error: 10.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	3.224214	50.0	194435.0	6.448427	Y
3	STD1 460-822855/5	1.0	6.405984	50.0	179145.0	6.405984	Y
4	STD5 460-822855/6	5.0	34.467746	50.0	182723.0	6.893549	Y
5	STD20 460-822855/7	20.0	137.687069	50.0	191173.0	6.884353	Y
6	STD50 460-822855/8	50.0	400.292816	50.0	176049.0	8.005856	Y
7	STD200 460-822855/9	200.0	1650.486379	50.0	159649.0	8.252432	Y
8	STD500 460-822855/10	500.0	3631.497479	50.0	180116.0	7.262995	Y



# Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

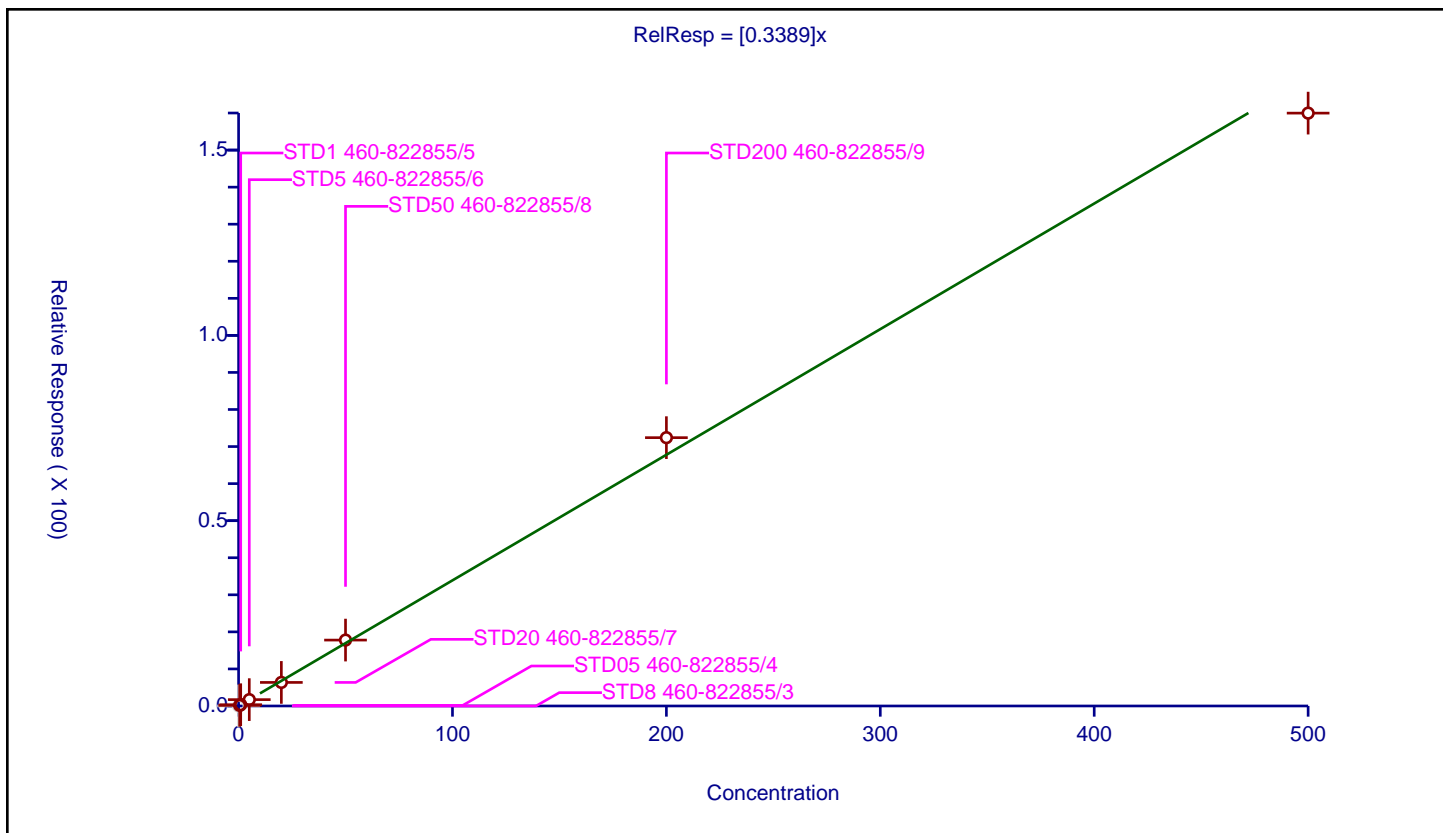
## Curve Coefficients

Intercept: 0  
 Slope: 0.3389

## Error Coefficients

Standard Error: 255000  
 Relative Standard Error: 5.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.164837	50.0	194435.0	0.329673	Y
3	STD1 460-822855/5	1.0	0.344135	50.0	179145.0	0.344135	Y
4	STD5 460-822855/6	5.0	1.716533	50.0	182723.0	0.343307	Y
5	STD20 460-822855/7	20.0	6.356546	50.0	191173.0	0.317827	Y
6	STD50 460-822855/8	50.0	17.780845	50.0	176049.0	0.355617	Y
7	STD200 460-822855/9	200.0	72.401017	50.0	159649.0	0.362005	Y
8	STD500 460-822855/10	500.0	159.968298	50.0	180116.0	0.319937	Y



# Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

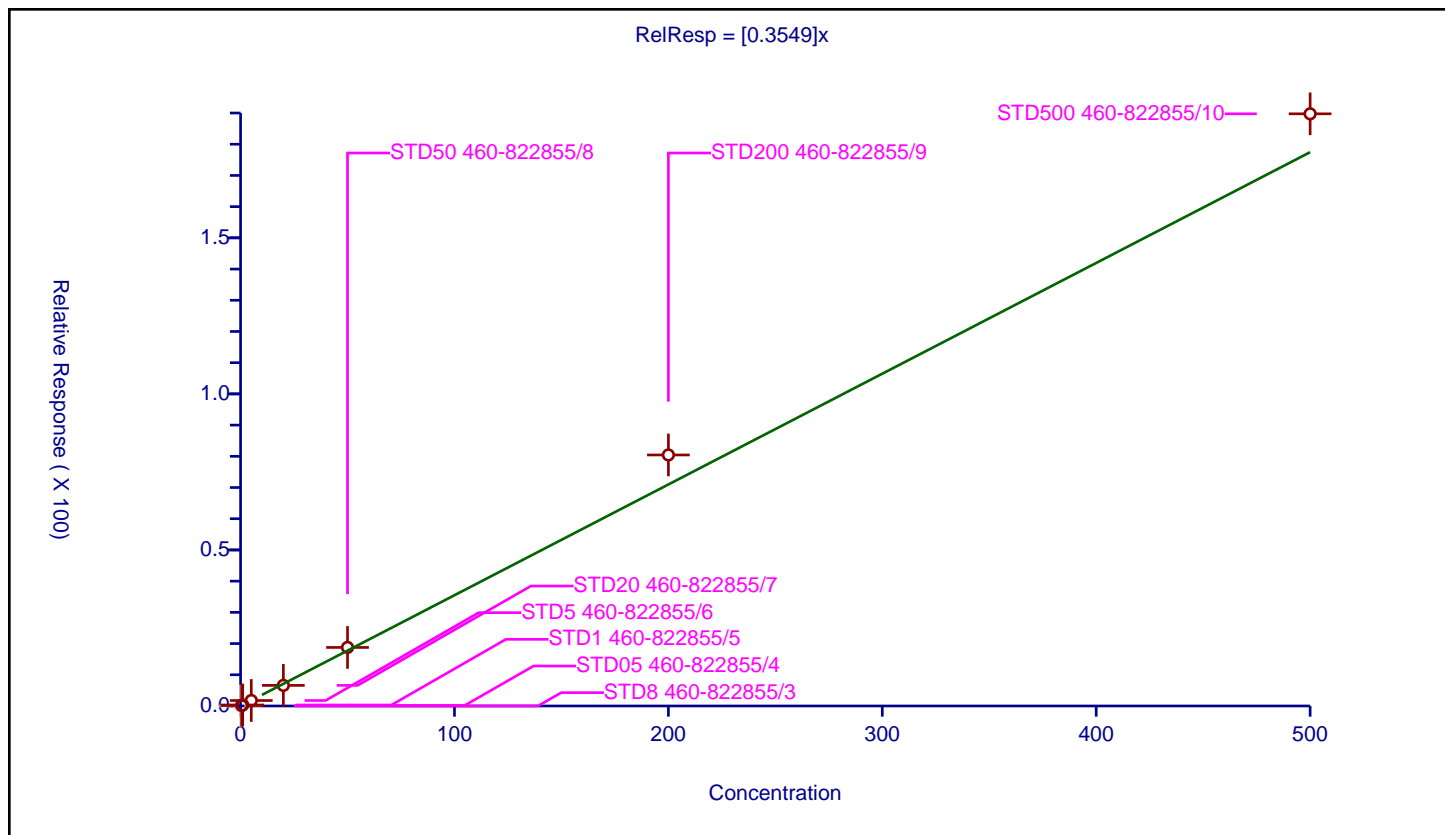
## Curve Coefficients

Intercept: 0  
 Slope: 0.3549

## Error Coefficients

Standard Error: 299000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.163036	50.0	194435.0	0.326073	Y
3	STD1 460-822855/5	1.0	0.319574	50.0	179145.0	0.319574	Y
4	STD5 460-822855/6	5.0	1.758399	50.0	182723.0	0.35168	Y
5	STD20 460-822855/7	20.0	6.60292	50.0	191173.0	0.330146	Y
6	STD50 460-822855/8	50.0	18.755858	50.0	176049.0	0.375117	Y
7	STD200 460-822855/9	200.0	80.434265	50.0	159649.0	0.402171	Y
8	STD500 460-822855/10	500.0	189.741056	50.0	180116.0	0.379482	Y



# Calibration

/ 2-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

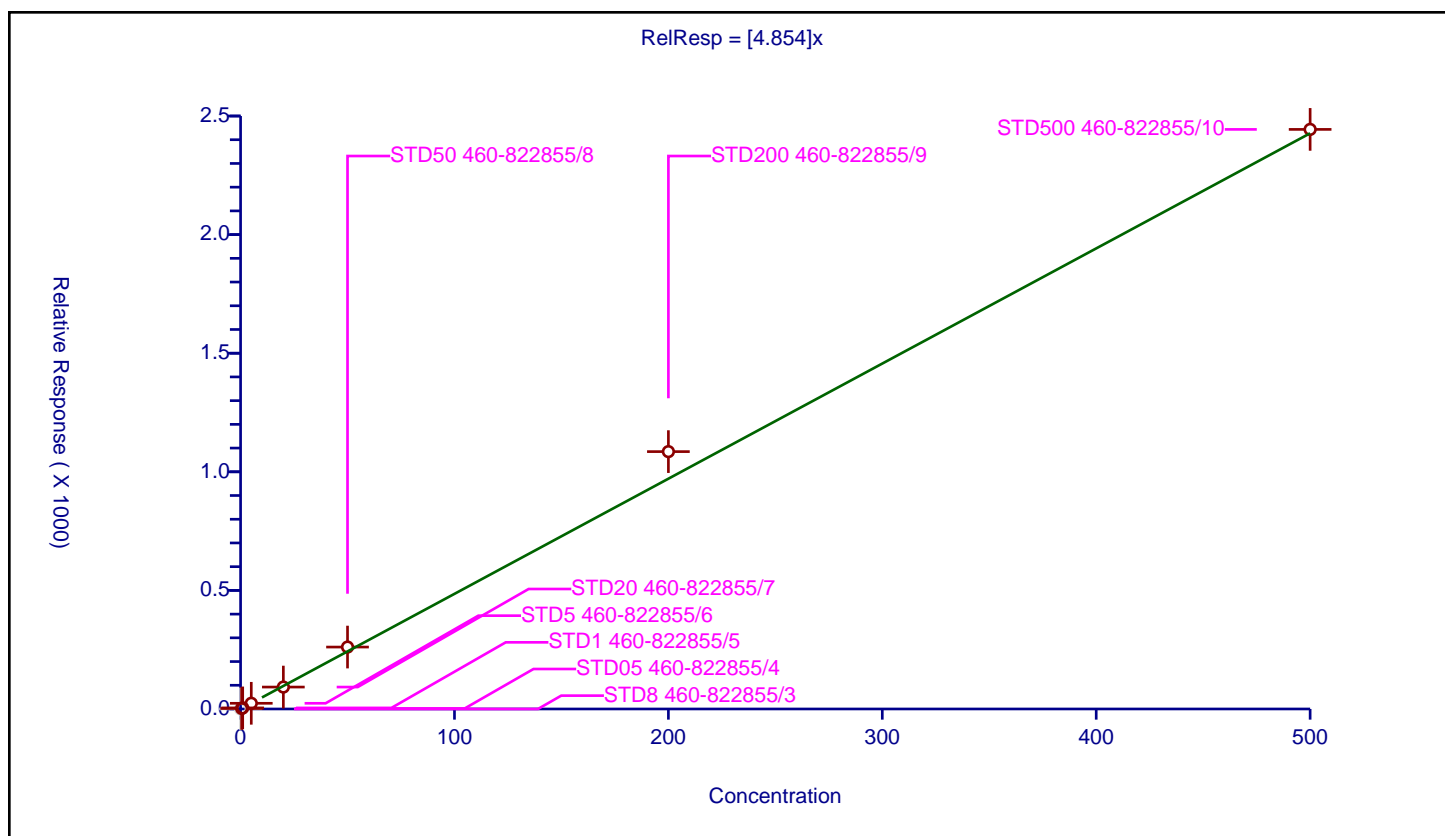
## Curve Coefficients

Intercept: 0  
 Slope: 4.854

## Error Coefficients

Standard Error: 3880000  
 Relative Standard Error: 7.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	2.245738	50.0	194435.0	4.491475	Y
3	STD1 460-822855/5	1.0	4.526501	50.0	179145.0	4.526501	Y
4	STD5 460-822855/6	5.0	24.026532	50.0	182723.0	4.805306	Y
5	STD20 460-822855/7	20.0	92.464156	50.0	191173.0	4.623208	Y
6	STD50 460-822855/8	50.0	261.063397	50.0	176049.0	5.221268	Y
7	STD200 460-822855/9	200.0	1085.128	50.0	159649.0	5.42564	Y
8	STD500 460-822855/10	500.0	2443.550545	50.0	180116.0	4.887101	Y



## Calibration

/ 4-Ethyltoluene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

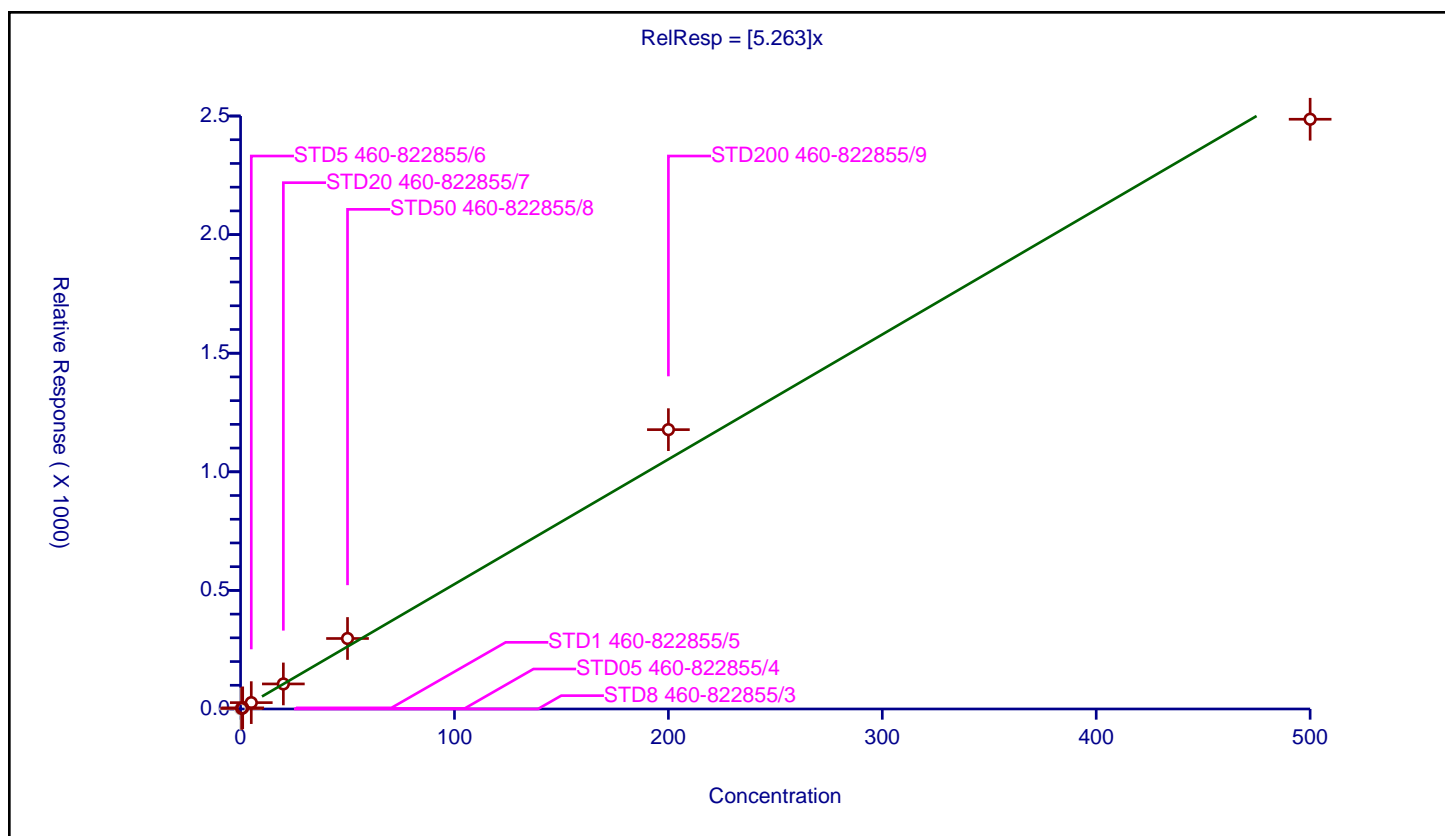
## Curve Coefficients

Intercept: 0  
Slope: 5.263

## Error Coefficients

Standard Error: 3990000  
Relative Standard Error: 9.8  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	2.32777	50.0	194435.0	4.65554	Y
3	STD1 460-822855/5	1.0	4.747551	50.0	179145.0	4.747551	Y
4	STD5 460-822855/6	5.0	26.768934	50.0	182723.0	5.353787	Y
5	STD20 460-822855/7	20.0	105.631548	50.0	191173.0	5.281577	Y
6	STD50 460-822855/8	50.0	297.201915	50.0	176049.0	5.944038	Y
7	STD200 460-822855/9	200.0	1177.781258	50.0	159649.0	5.888906	Y
8	STD500 460-822855/10	500.0	2486.408481	50.0	180116.0	4.972817	Y



# Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

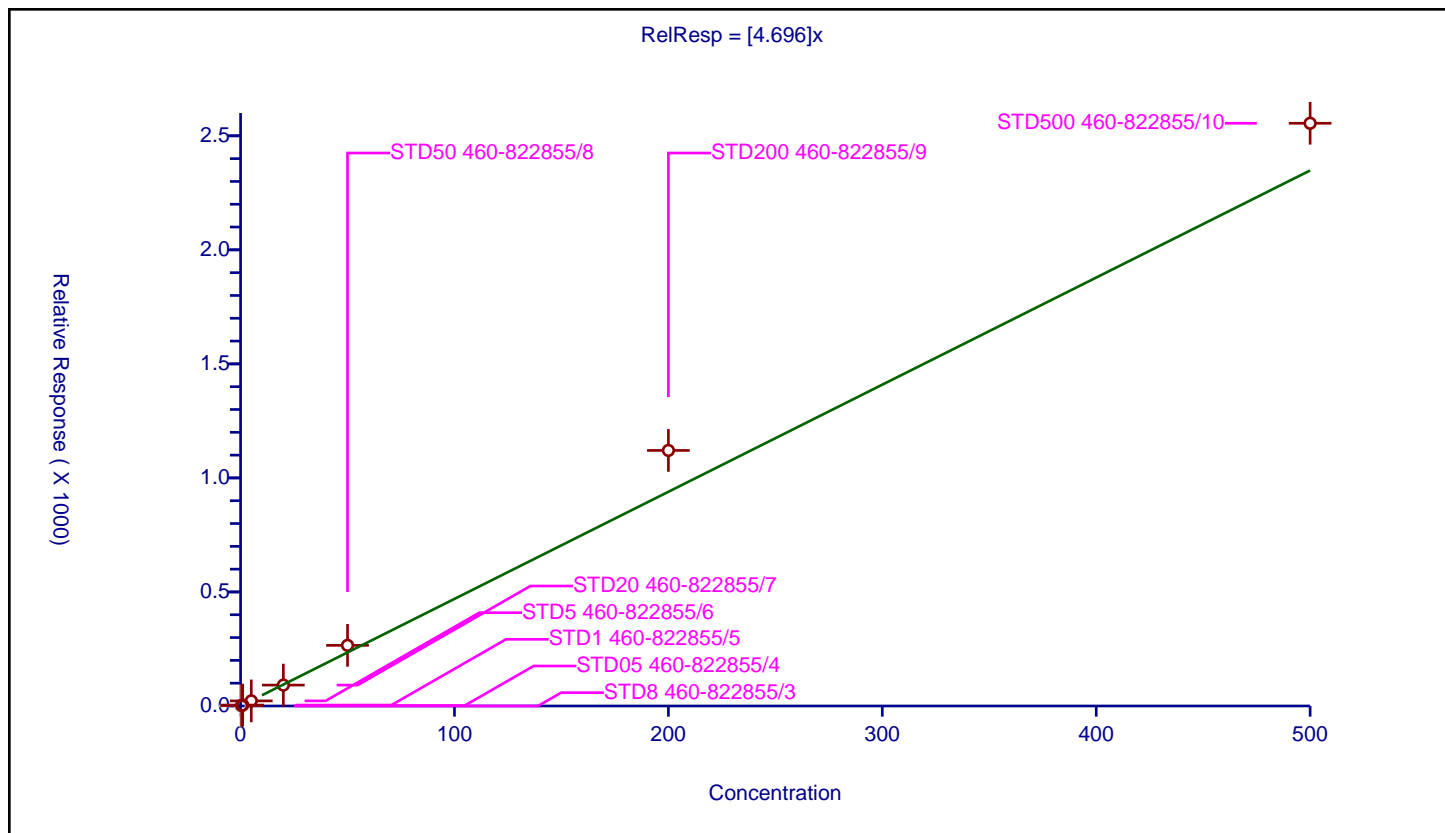
## Curve Coefficients

Intercept: 0  
 Slope: 4.696

## Error Coefficients

Standard Error: 4050000  
 Relative Standard Error: 14.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.852547	50.0	194435.0	3.705094	Y
3	STD1 460-822855/5	1.0	4.067096	50.0	179145.0	4.067096	Y
4	STD5 460-822855/6	5.0	22.446818	50.0	182723.0	4.489364	Y
5	STD20 460-822855/7	20.0	91.617017	50.0	191173.0	4.580851	Y
6	STD50 460-822855/8	50.0	265.88109	50.0	176049.0	5.317622	Y
7	STD200 460-822855/9	200.0	1120.51845	50.0	159649.0	5.602592	Y
8	STD500 460-822855/10	500.0	2555.077284	50.0	180116.0	5.110155	Y





# Calibration

/ 4-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

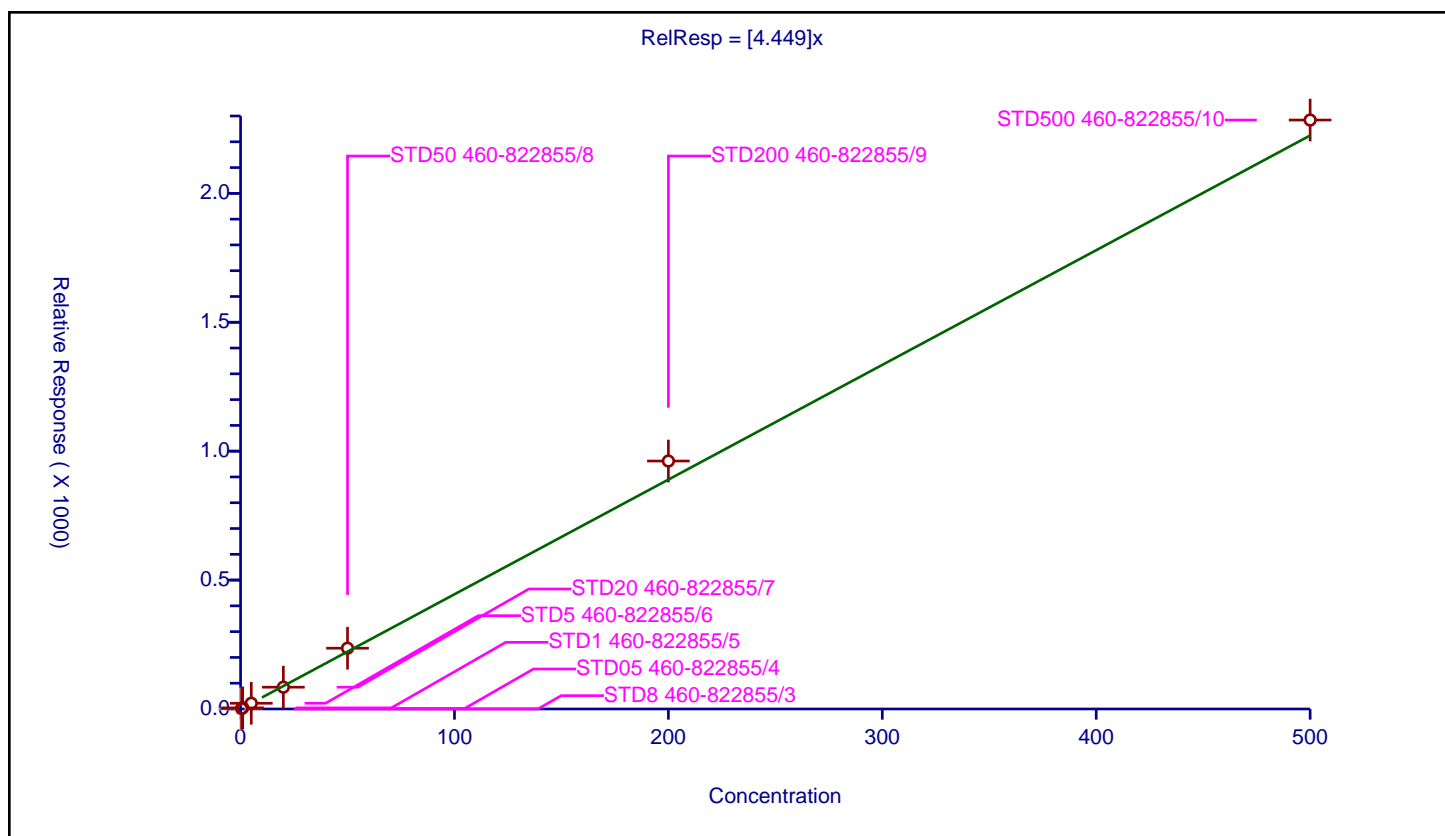
## Curve Coefficients

Intercept: 0  
 Slope: 4.449

## Error Coefficients

Standard Error: 3600000  
 Relative Standard Error: 5.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	2.050814	50.0	194435.0	4.101628	Y
3	STD1 460-822855/5	1.0	4.288146	50.0	179145.0	4.288146	Y
4	STD5 460-822855/6	5.0	22.152657	50.0	182723.0	4.430531	Y
5	STD20 460-822855/7	20.0	84.582028	50.0	191173.0	4.229101	Y
6	STD50 460-822855/8	50.0	235.741754	50.0	176049.0	4.714835	Y
7	STD200 460-822855/9	200.0	961.753284	50.0	159649.0	4.808766	Y
8	STD500 460-822855/10	500.0	2284.394779	50.0	180116.0	4.56879	Y



# Calibration

/ Butyl Methacrylate

Curve Type: Quadratic  
 Weighting: None  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

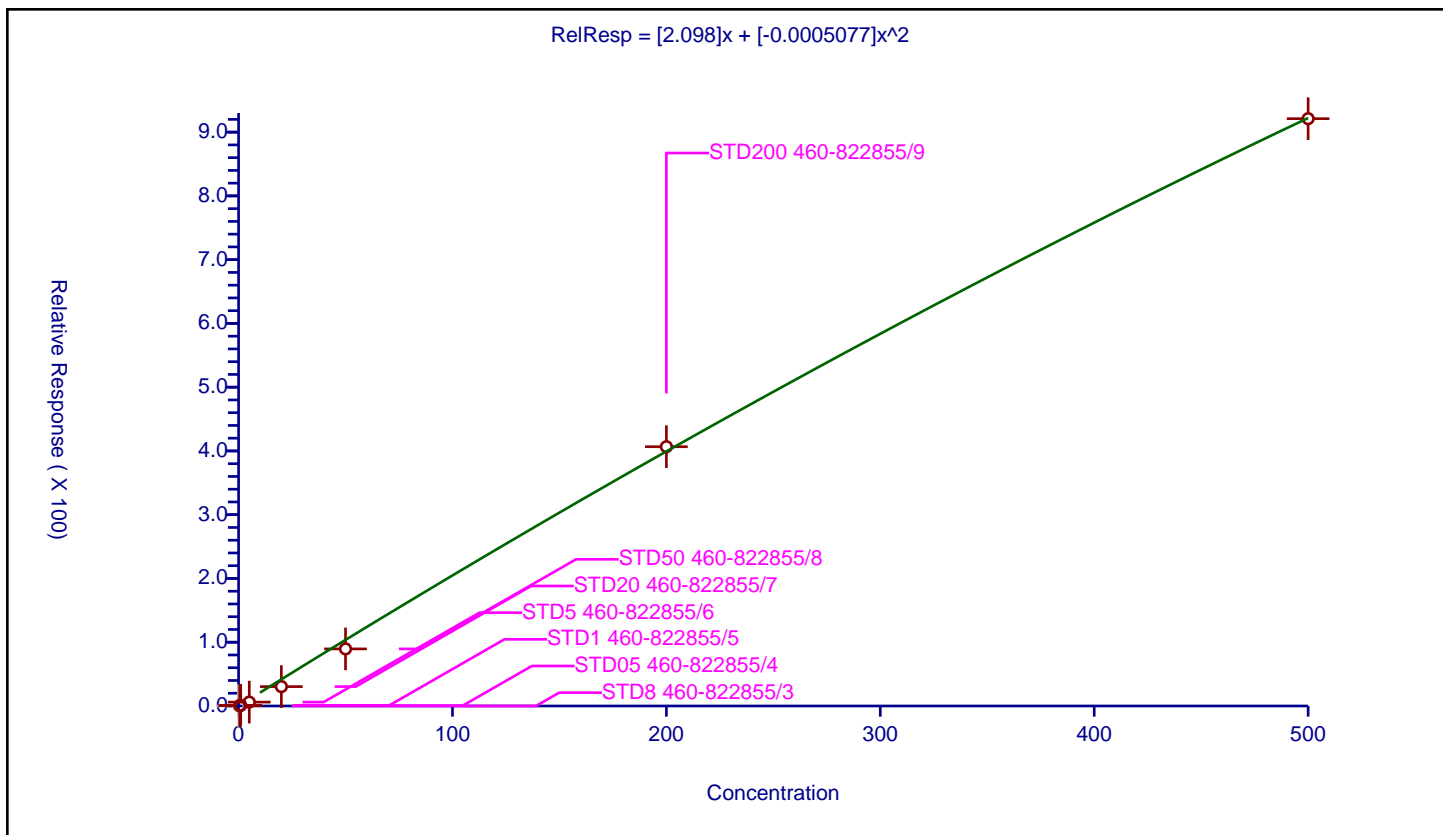
## Curve Coefficients

Intercept: 0  
 Slope: 2.098  
 Second Order: -0.0005077

## Error Coefficients

Standard Error: 1600000  
 Relative Standard Error: 39.6  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.50351	50.0	194435.0	1.00702	Y
3	STD1 460-822855/5	1.0	1.061152	50.0	179145.0	1.061152	Y
4	STD5 460-822855/6	5.0	6.080242	50.0	182723.0	1.216048	Y
5	STD20 460-822855/7	20.0	30.365951	50.0	191173.0	1.518298	Y
6	STD50 460-822855/8	50.0	89.506899	50.0	176049.0	1.790138	Y
7	STD200 460-822855/9	200.0	406.637686	50.0	159649.0	2.033188	Y
8	STD500 460-822855/10	500.0	921.148593	50.0	180116.0	1.842297	Y



## Calibration

/ tert-Butylbenzene

**Curve Type:** Quadratic  
**Weighting:** None  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

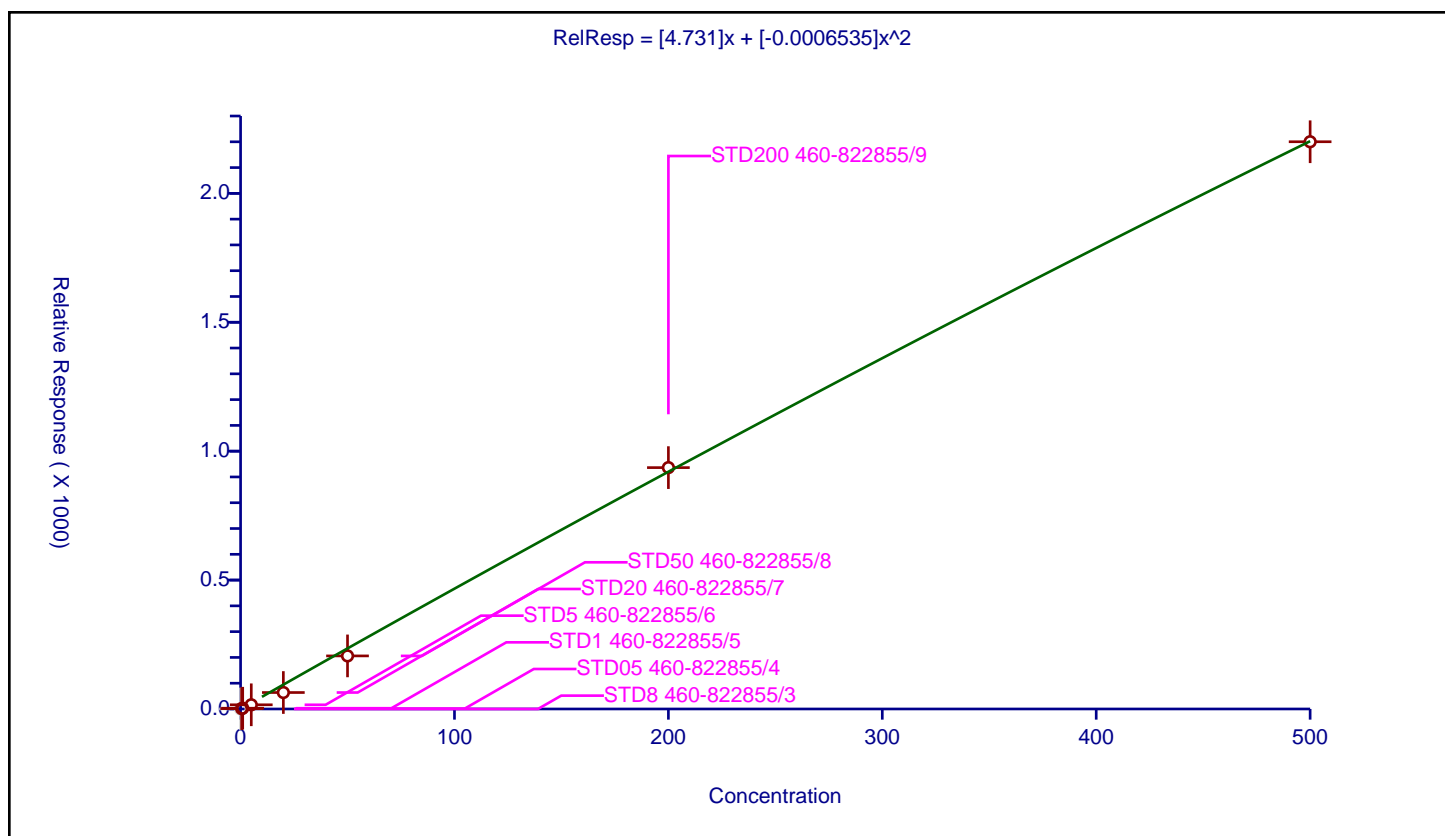
## Curve Coefficients

**Intercept:** 0  
**Slope:** 4.731  
**Second Order:** -0.0006535

## Error Coefficients

**Standard Error:** 3800000  
**Relative Standard Error:** 32.4  
**Correlation Coefficient:** 0.998  
**Coefficient of Determination (Adjusted):** 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.409983	50.0	194435.0	2.819966	Y
3	STD1 460-822855/5	1.0	2.940635	50.0	179145.0	2.940635	Y
4	STD5 460-822855/6	5.0	16.271624	50.0	182723.0	3.254325	Y
5	STD20 460-822855/7	20.0	63.861267	50.0	191173.0	3.193063	Y
6	STD50 460-822855/8	50.0	205.931019	50.0	176049.0	4.11862	Y
7	STD200 460-822855/9	200.0	936.241066	50.0	159649.0	4.681205	Y
8	STD500 460-822855/10	500.0	2200.135191	50.0	180116.0	4.40027	Y



# Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

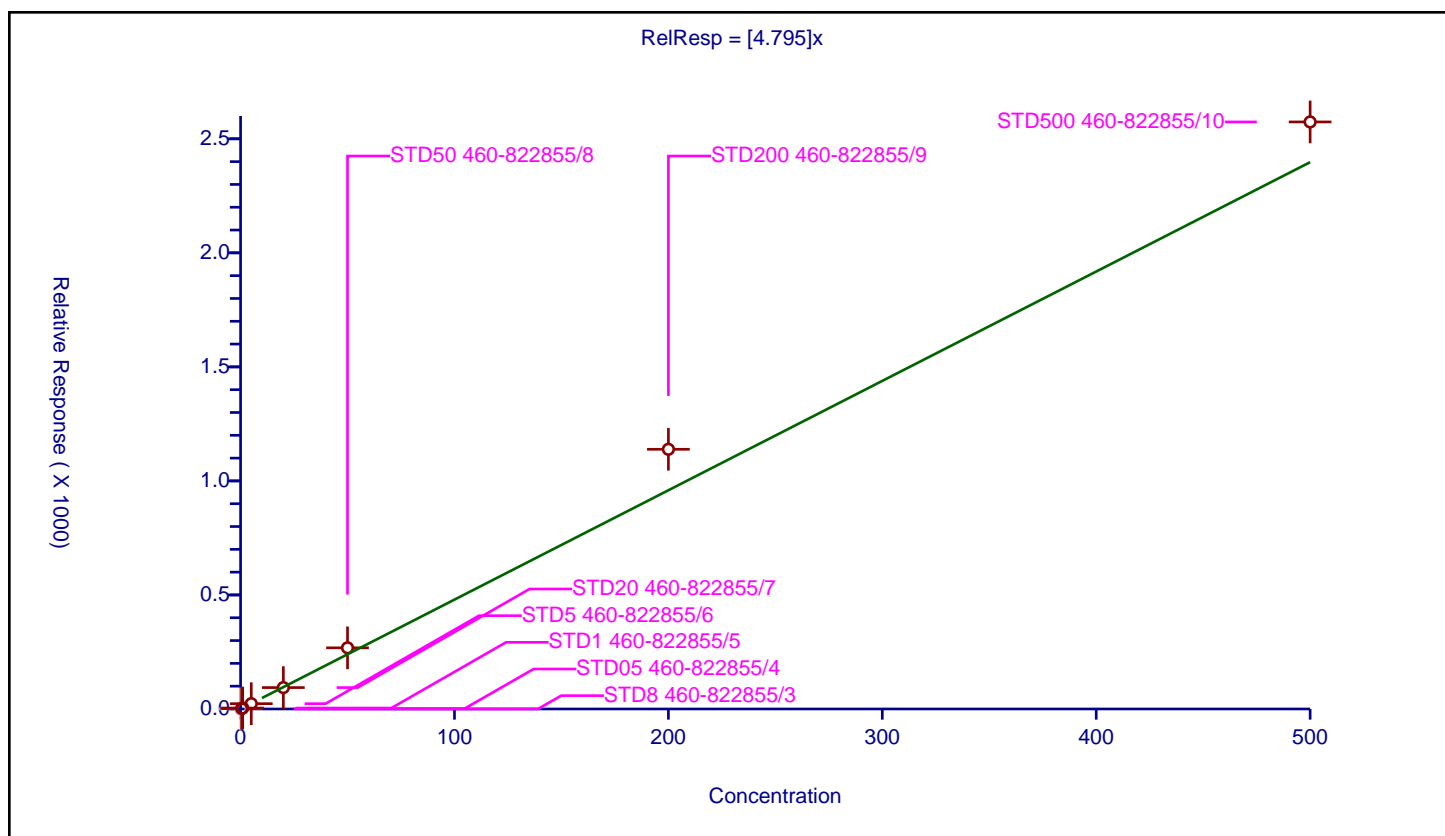
## Curve Coefficients

Intercept: 0  
 Slope: 4.795

## Error Coefficients

Standard Error: 4090000  
 Relative Standard Error: 13.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.948723	50.0	194435.0	3.897446	Y
3	STD1 460-822855/5	1.0	4.115102	50.0	179145.0	4.115102	Y
4	STD5 460-822855/6	5.0	23.280868	50.0	182723.0	4.656174	Y
5	STD20 460-822855/7	20.0	93.825488	50.0	191173.0	4.691274	Y
6	STD50 460-822855/8	50.0	268.214247	50.0	176049.0	5.364285	Y
7	STD200 460-822855/9	200.0	1138.695513	50.0	159649.0	5.693478	Y
8	STD500 460-822855/10	500.0	2573.997313	50.0	180116.0	5.147995	Y



# Calibration

/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

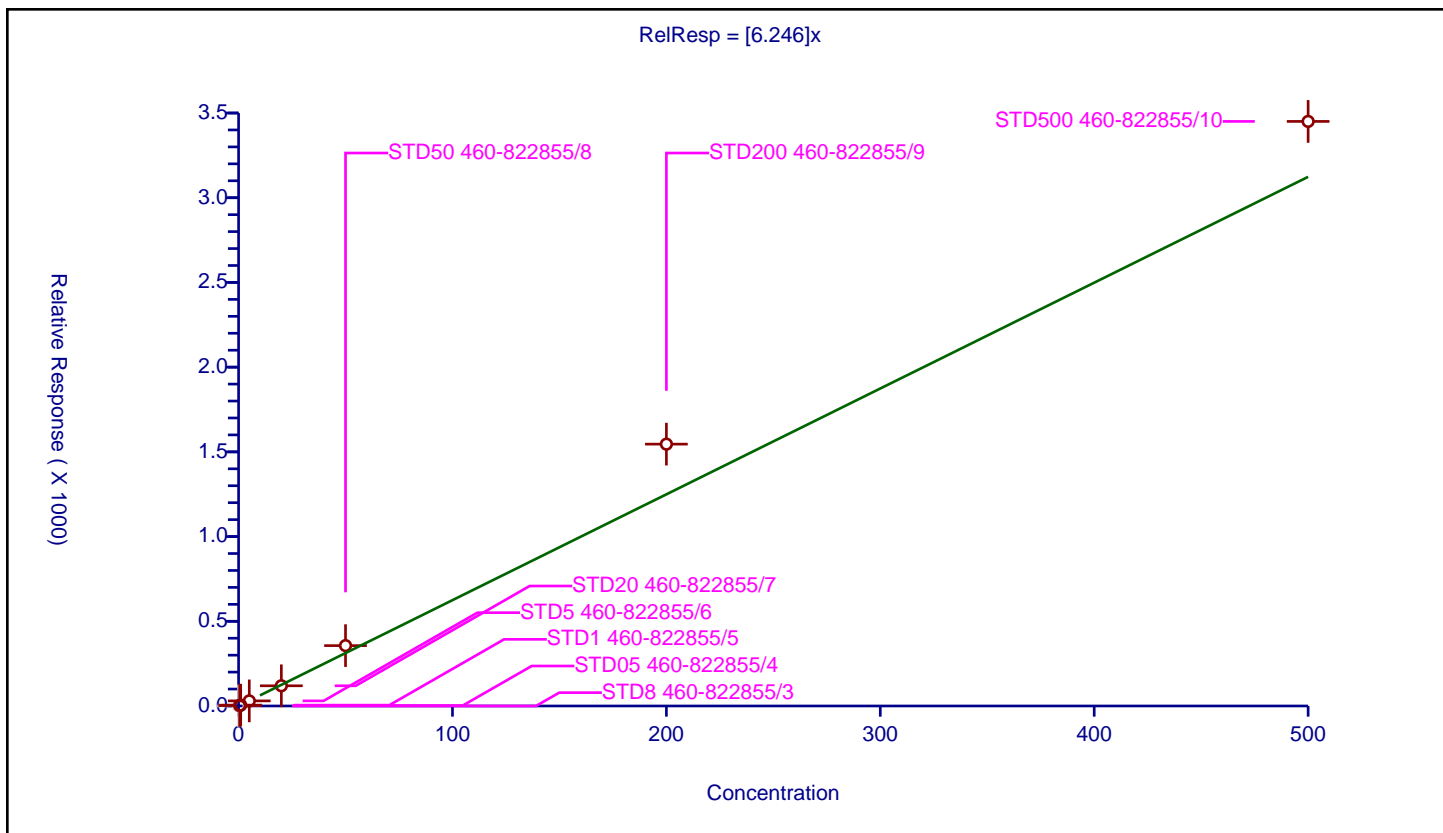
## Curve Coefficients

Intercept: 0  
 Slope: 6.246

## Error Coefficients

Standard Error: 5490000  
 Relative Standard Error: 16.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	2.435004	50.0	194435.0	4.870008	Y
3	STD1 460-822855/5	1.0	5.128527	50.0	179145.0	5.128527	Y
4	STD5 460-822855/6	5.0	30.062992	50.0	182723.0	6.012598	Y
5	STD20 460-822855/7	20.0	119.186548	50.0	191173.0	5.959327	Y
6	STD50 460-822855/8	50.0	356.215031	50.0	176049.0	7.124301	Y
7	STD200 460-822855/9	200.0	1545.609744	50.0	159649.0	7.728049	Y
8	STD500 460-822855/10	500.0	3450.47636	50.0	180116.0	6.900953	Y



## Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

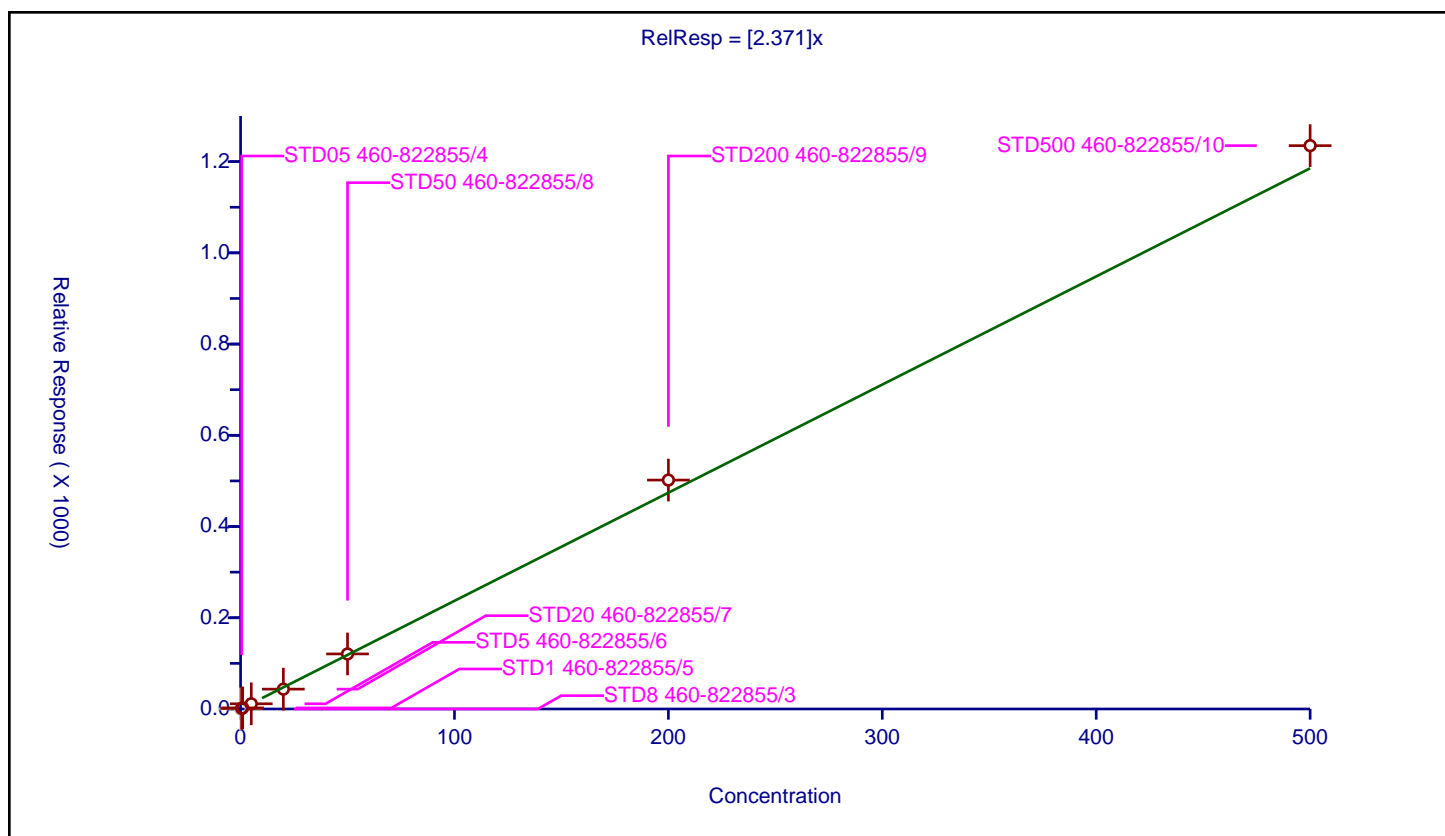
## Curve Coefficients

Intercept: 0  
Slope: 2.371

## Error Coefficients

Standard Error: 1940000  
Relative Standard Error: 4.8  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.191401	50.0	194435.0	2.382801	Y
3	STD1 460-822855/5	1.0	2.358704	50.0	179145.0	2.358704	Y
4	STD5 460-822855/6	5.0	11.426038	50.0	182723.0	2.285208	Y
5	STD20 460-822855/7	20.0	43.511636	50.0	191173.0	2.175582	Y
6	STD50 460-822855/8	50.0	120.67379	50.0	176049.0	2.413476	Y
7	STD200 460-822855/9	200.0	501.849056	50.0	159649.0	2.509245	Y
8	STD500 460-822855/10	500.0	1235.034367	50.0	180116.0	2.470069	Y



# Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

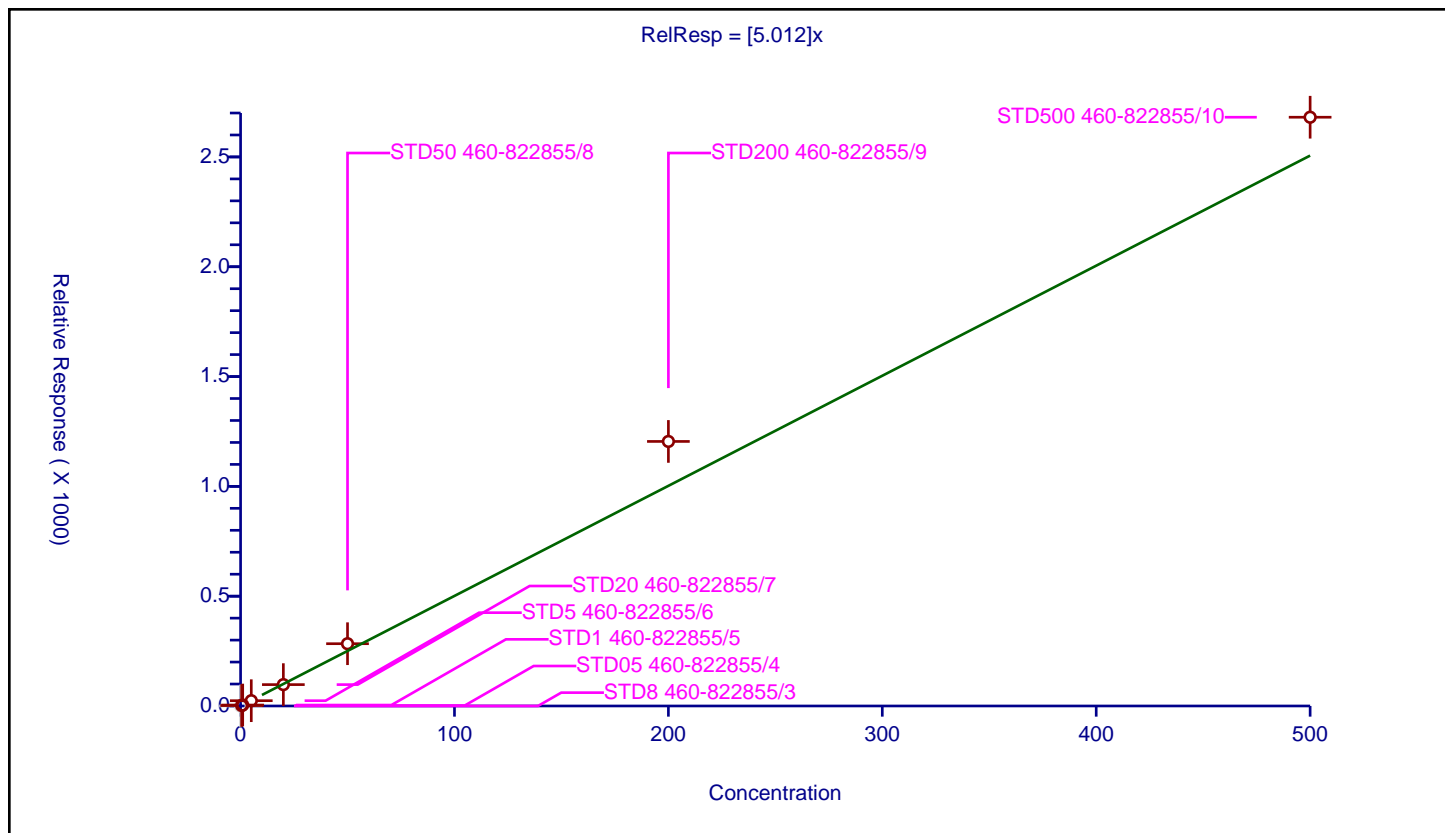
## Curve Coefficients

Intercept: 0  
 Slope: 5.012

## Error Coefficients

Standard Error: 4260000  
 Relative Standard Error: 14.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	2.009669	50.0	194435.0	4.019338	Y
3	STD1 460-822855/5	1.0	4.328616	50.0	179145.0	4.328616	Y
4	STD5 460-822855/6	5.0	24.091658	50.0	182723.0	4.818332	Y
5	STD20 460-822855/7	20.0	97.278643	50.0	191173.0	4.863932	Y
6	STD50 460-822855/8	50.0	283.569631	50.0	176049.0	5.671393	Y
7	STD200 460-822855/9	200.0	1204.50958	50.0	159649.0	6.022548	Y
8	STD500 460-822855/10	500.0	2680.848176	50.0	180116.0	5.361696	Y



# Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

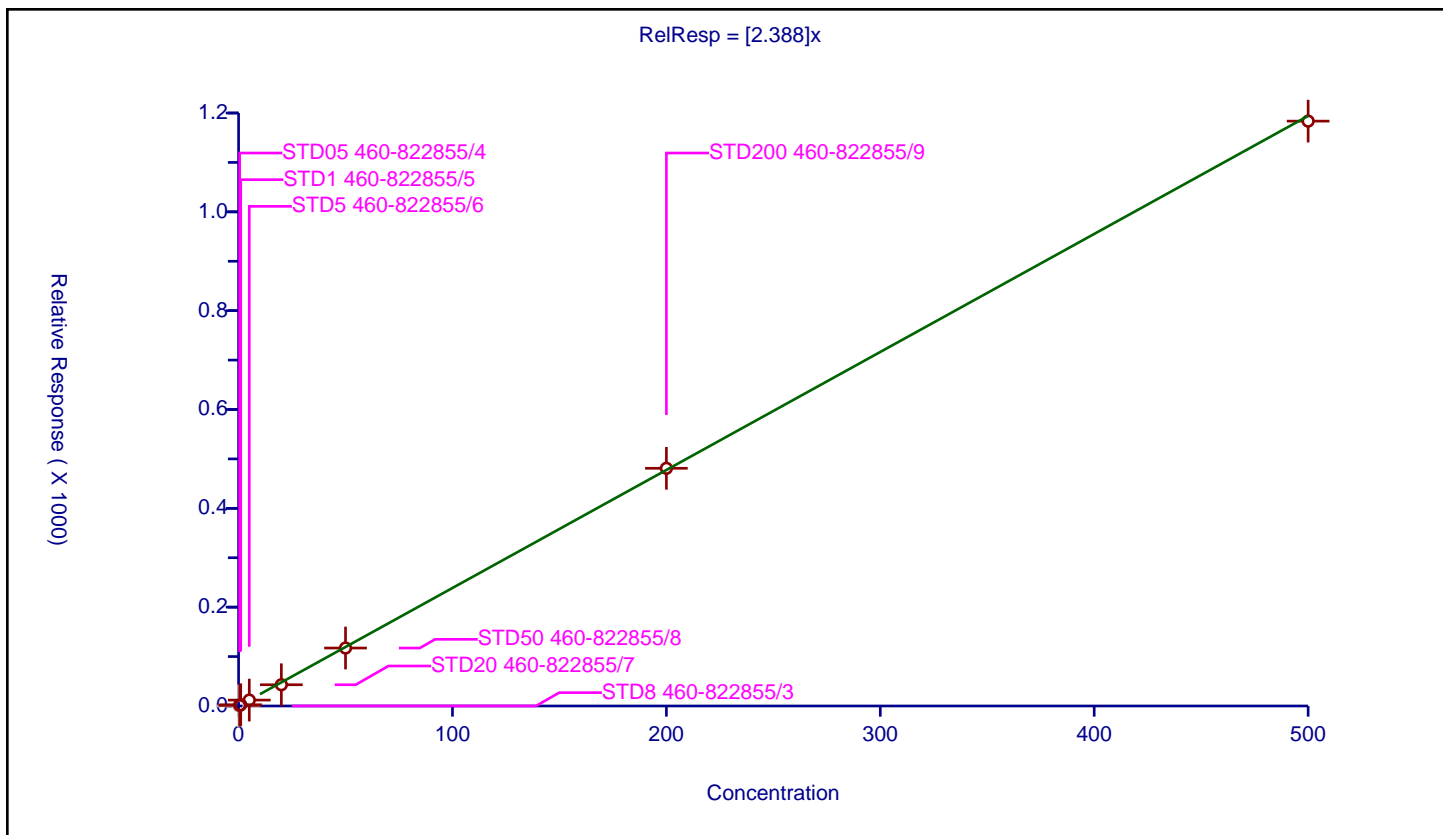
## Curve Coefficients

Intercept: 0  
 Slope: 2.388

## Error Coefficients

Standard Error: 1860000  
 Relative Standard Error: 5.4  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.270347	50.0	194435.0	2.540695	Y
3	STD1 460-822855/5	1.0	2.516676	50.0	179145.0	2.516676	Y
4	STD5 460-822855/6	5.0	11.965379	50.0	182723.0	2.393076	Y
5	STD20 460-822855/7	20.0	42.975211	50.0	191173.0	2.148761	Y
6	STD50 460-822855/8	50.0	117.28496	50.0	176049.0	2.345699	Y
7	STD200 460-822855/9	200.0	481.012095	50.0	159649.0	2.40506	Y
8	STD500 460-822855/10	500.0	1183.61778	50.0	180116.0	2.367236	Y





# Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

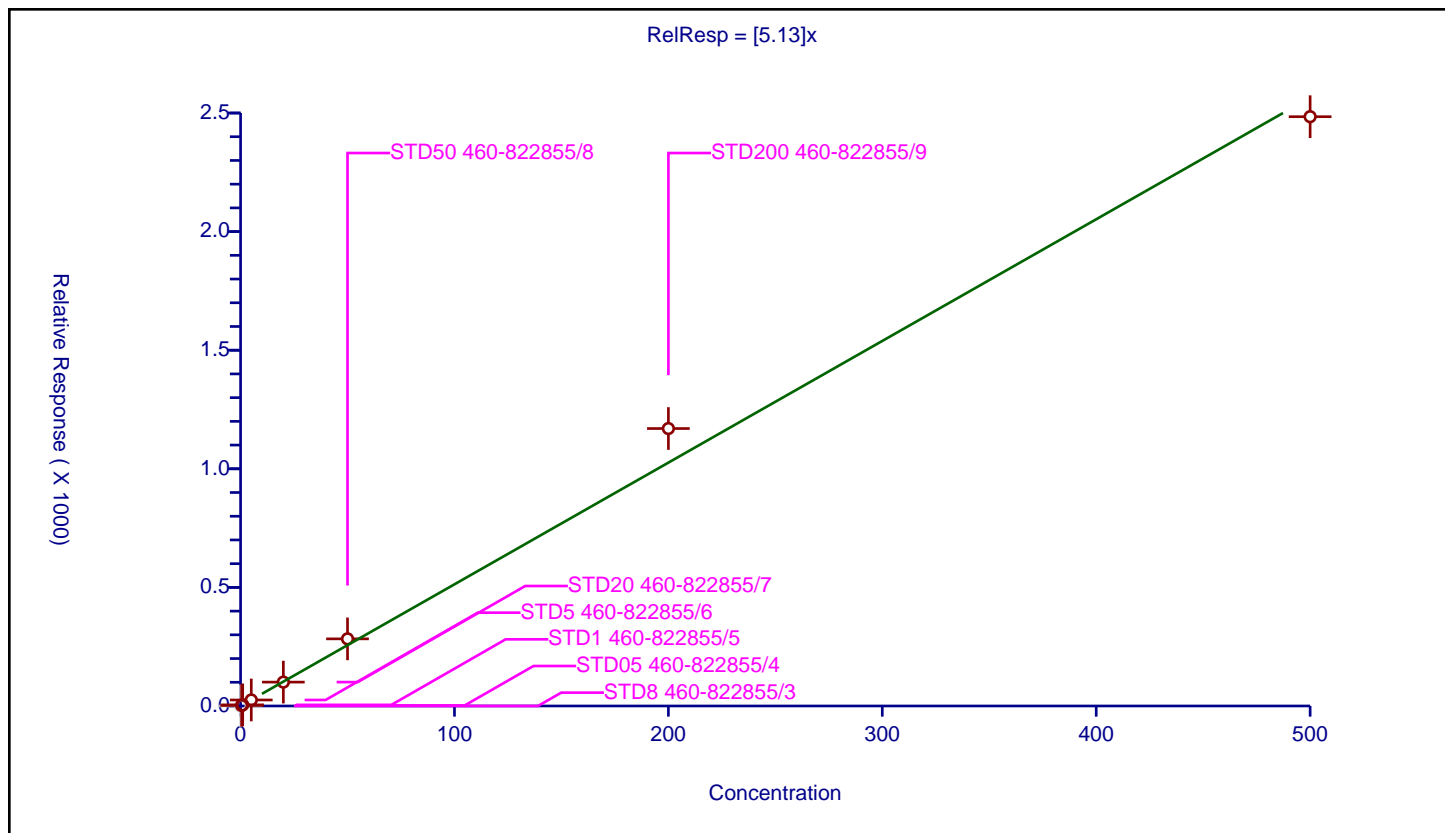
## Curve Coefficients

Intercept: 0  
 Slope: 5.13

## Error Coefficients

Standard Error: 3980000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	2.292283	50.0	194435.0	4.584566	Y
3	STD1 460-822855/5	1.0	4.752854	50.0	179145.0	4.752854	Y
4	STD5 460-822855/6	5.0	25.304696	50.0	182723.0	5.060939	Y
5	STD20 460-822855/7	20.0	100.651766	50.0	191173.0	5.032588	Y
6	STD50 460-822855/8	50.0	283.072042	50.0	176049.0	5.661441	Y
7	STD200 460-822855/9	200.0	1169.736422	50.0	159649.0	5.848682	Y
8	STD500 460-822855/10	500.0	2484.497213	50.0	180116.0	4.968994	Y



# Calibration

/ Benzyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

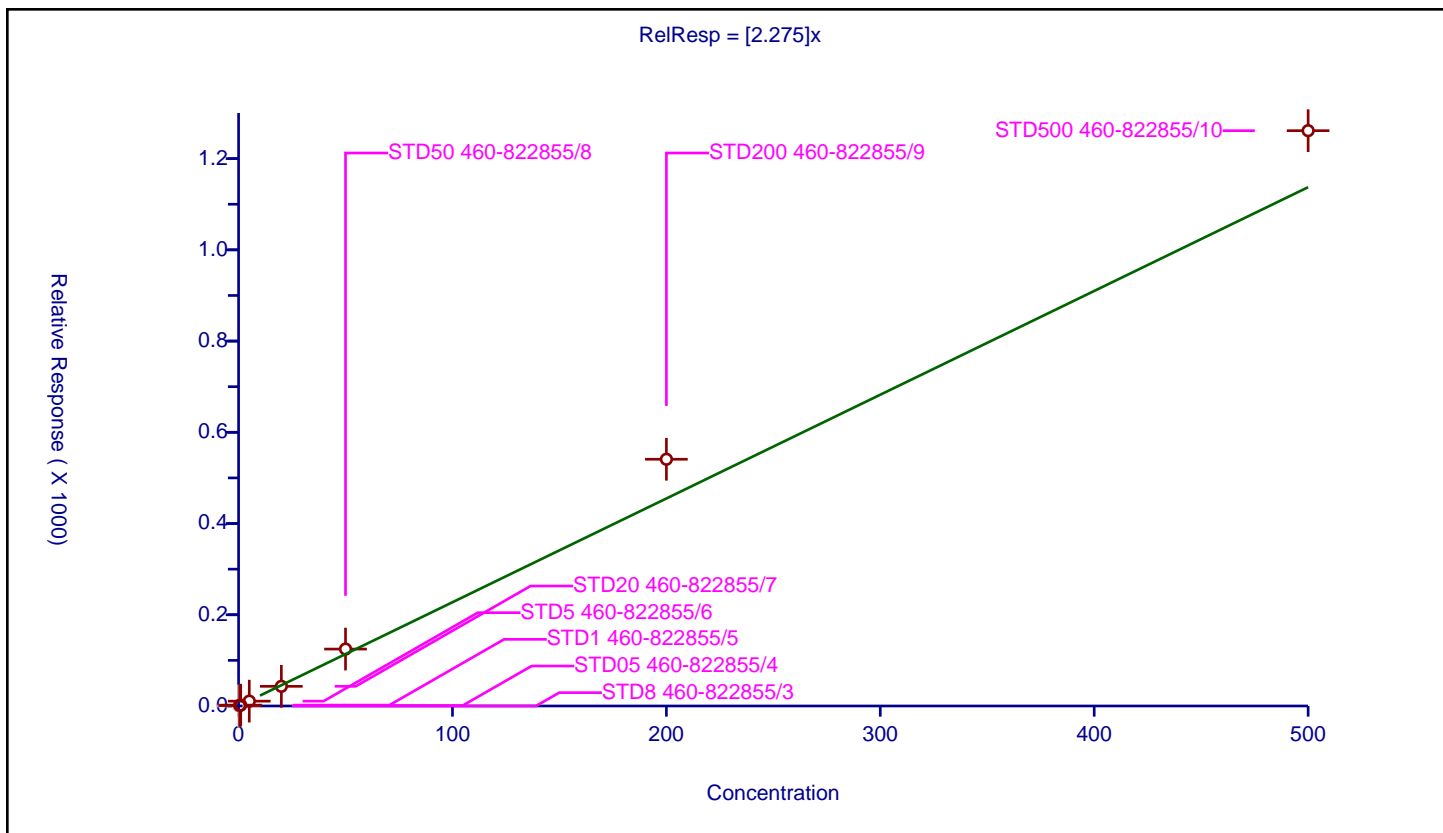
## Curve Coefficients

Intercept: 0  
 Slope: 2.275

## Error Coefficients

Standard Error: 1990000  
 Relative Standard Error: 13.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.994934	50.0	194435.0	1.989868	Y
3	STD1 460-822855/5	1.0	1.928326	50.0	179145.0	1.928326	Y
4	STD5 460-822855/6	5.0	10.630298	50.0	182723.0	2.12606	Y
5	STD20 460-822855/7	20.0	43.113829	50.0	191173.0	2.155691	Y
6	STD50 460-822855/8	50.0	124.791961	50.0	176049.0	2.495839	Y
7	STD200 460-822855/9	200.0	540.928537	50.0	159649.0	2.704643	Y
8	STD500 460-822855/10	500.0	1261.27107	50.0	180116.0	2.522542	Y



# Calibration

/ 2,3-Dihydroindene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

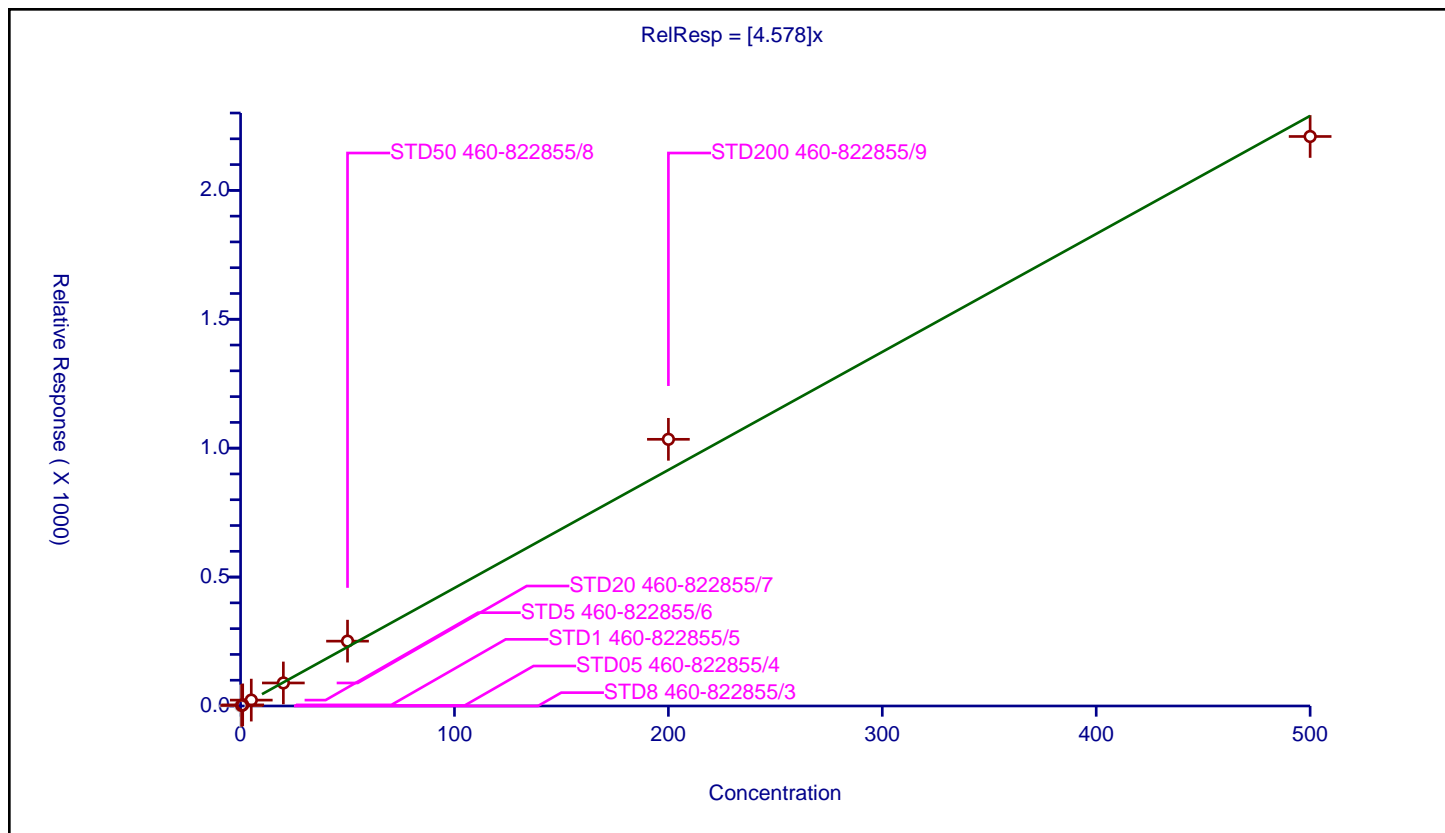
## Curve Coefficients

Intercept: 0  
 Slope: 4.578

## Error Coefficients

Standard Error: 3540000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	2.061614	50.0	194435.0	4.123229	Y
3	STD1 460-822855/5	1.0	4.263306	50.0	179145.0	4.263306	Y
4	STD5 460-822855/6	5.0	22.847425	50.0	182723.0	4.569485	Y
5	STD20 460-822855/7	20.0	89.358853	50.0	191173.0	4.467943	Y
6	STD50 460-822855/8	50.0	251.543604	50.0	176049.0	5.030872	Y
7	STD200 460-822855/9	200.0	1034.391697	50.0	159649.0	5.171958	Y
8	STD500 460-822855/10	500.0	2208.995592	50.0	180116.0	4.417991	Y



# Calibration

/ p-Diethylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

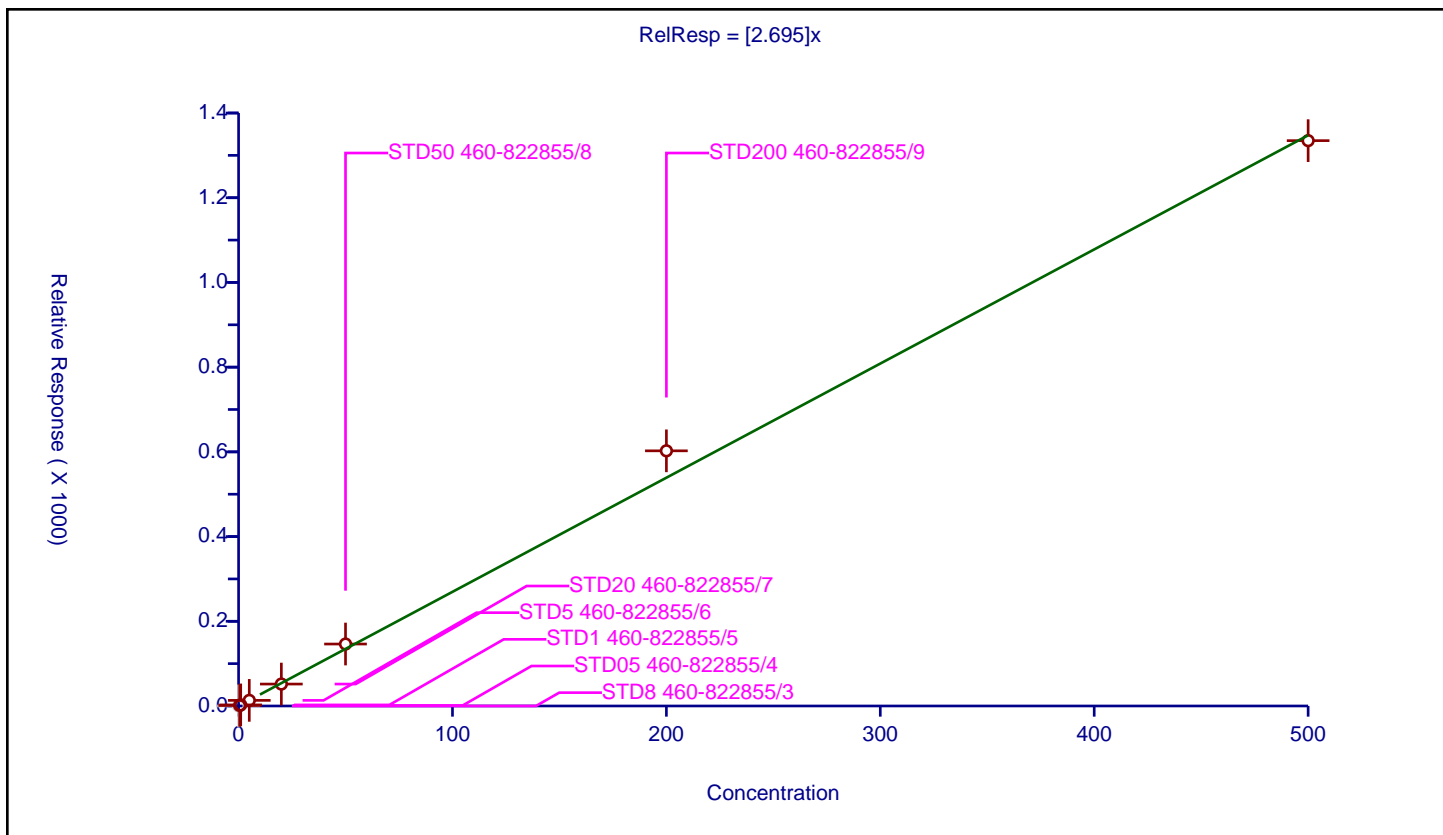
## Curve Coefficients

Intercept: 0  
Slope: 2.695

## Error Coefficients

Standard Error: 2130000  
Relative Standard Error: 7.5  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.223802	50.0	194435.0	2.447605	Y
3	STD1 460-822855/5	1.0	2.563008	50.0	179145.0	2.563008	Y
4	STD5 460-822855/6	5.0	13.275559	50.0	182723.0	2.655112	Y
5	STD20 460-822855/7	20.0	51.805694	50.0	191173.0	2.590285	Y
6	STD50 460-822855/8	50.0	146.282285	50.0	176049.0	2.925646	Y
7	STD200 460-822855/9	200.0	602.432211	50.0	159649.0	3.012161	Y
8	STD500 460-822855/10	500.0	1334.777588	50.0	180116.0	2.669555	Y



# Calibration

/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

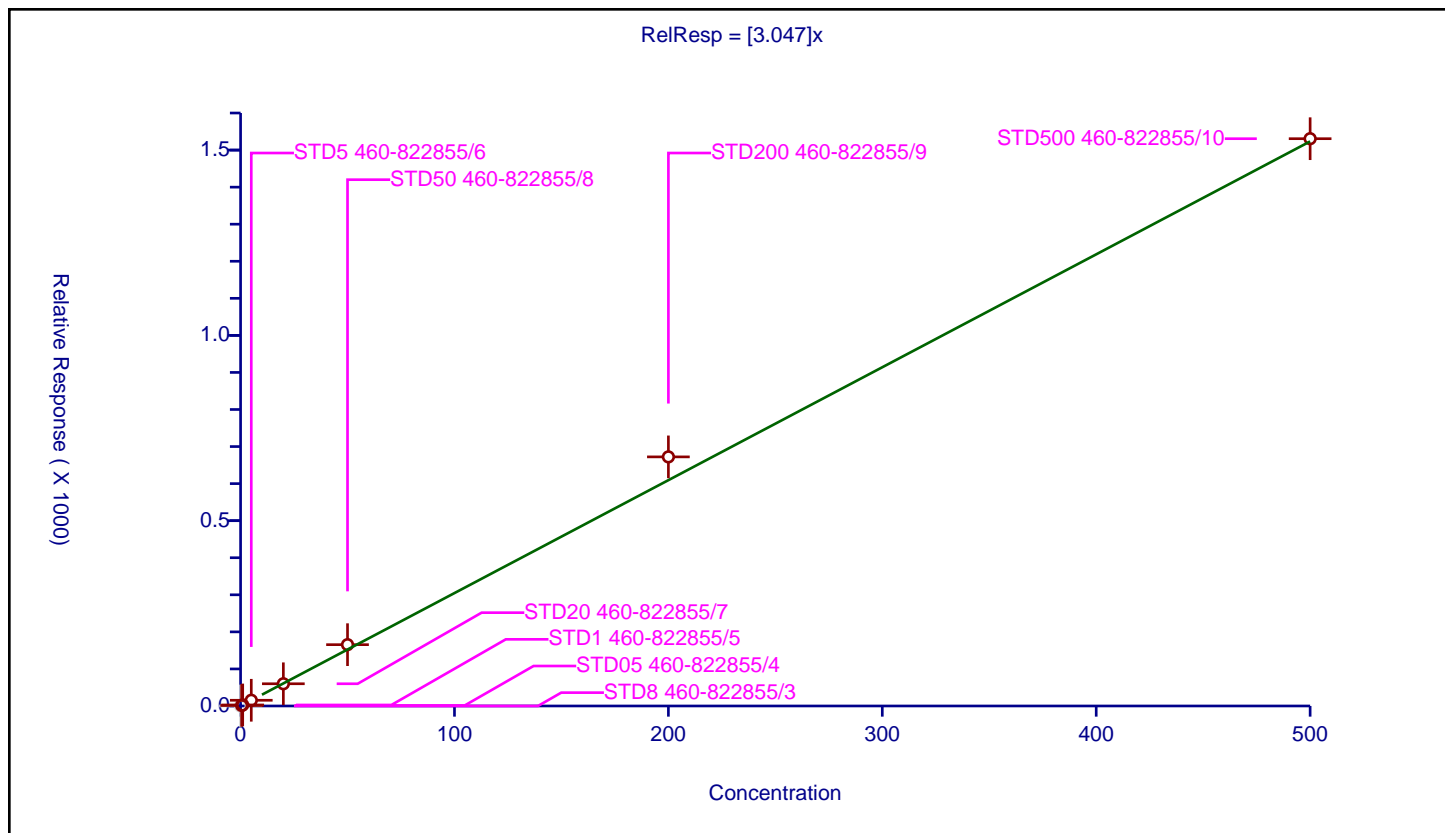
## Curve Coefficients

Intercept: 0  
 Slope: 3.047

## Error Coefficients

Standard Error: 2430000  
 Relative Standard Error: 7.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.369352	50.0	194435.0	2.738704	Y
3	STD1 460-822855/5	1.0	2.770661	50.0	179145.0	2.770661	Y
4	STD5 460-822855/6	5.0	15.429913	50.0	182723.0	3.085983	Y
5	STD20 460-822855/7	20.0	60.007166	50.0	191173.0	3.000358	Y
6	STD50 460-822855/8	50.0	165.455924	50.0	176049.0	3.309118	Y
7	STD200 460-822855/9	200.0	672.123534	50.0	159649.0	3.360618	Y
8	STD500 460-822855/10	500.0	1530.724922	50.0	180116.0	3.06145	Y



# Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

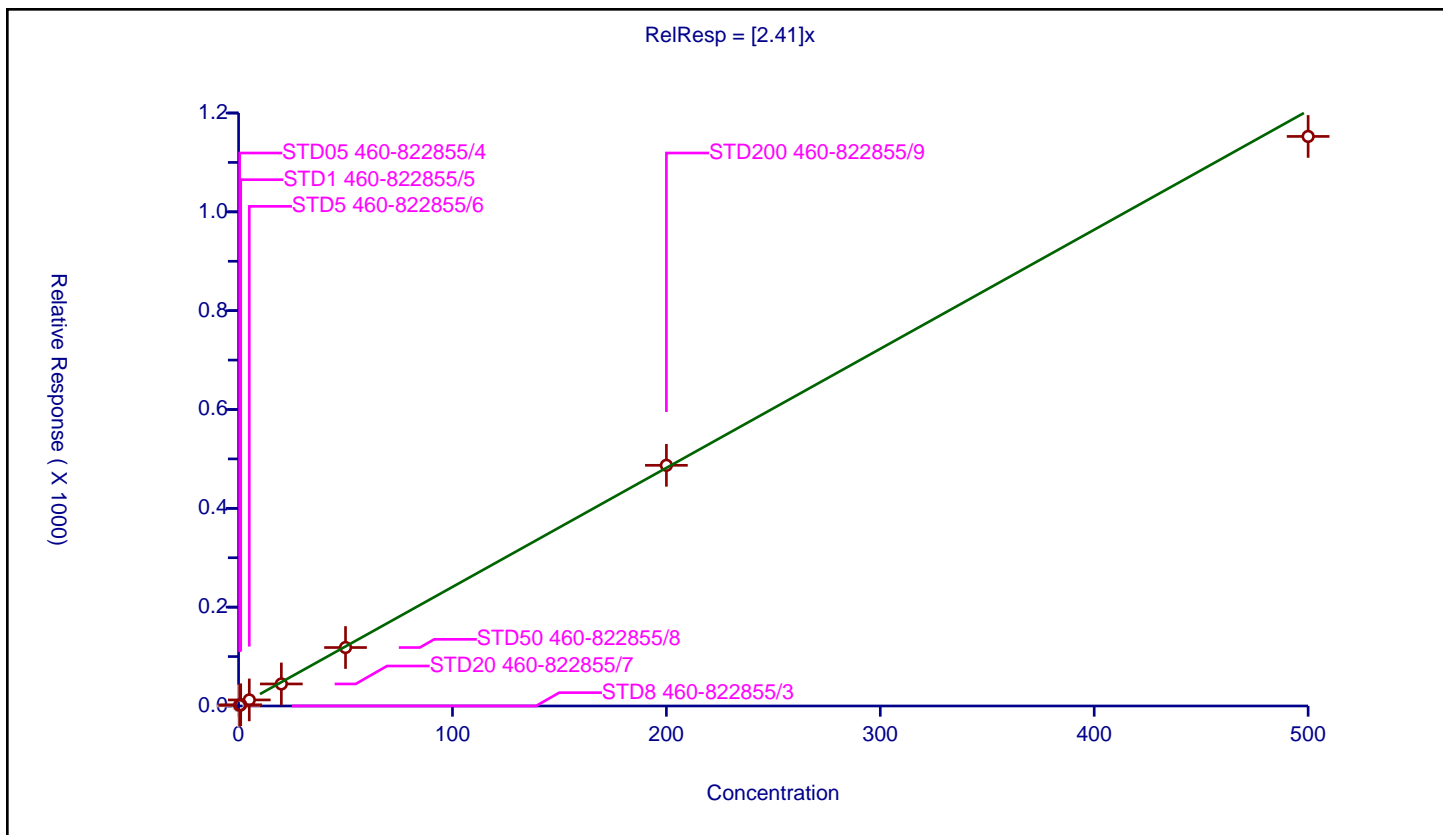
## Curve Coefficients

Intercept: 0  
 Slope: 2.41

## Error Coefficients

Standard Error: 1820000  
 Relative Standard Error: 5.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.306349	50.0	194435.0	2.612698	Y
3	STD1 460-822855/5	1.0	2.466996	50.0	179145.0	2.466996	Y
4	STD5 460-822855/6	5.0	12.254341	50.0	182723.0	2.450868	Y
5	STD20 460-822855/7	20.0	44.597302	50.0	191173.0	2.229865	Y
6	STD50 460-822855/8	50.0	118.29235	50.0	176049.0	2.365847	Y
7	STD200 460-822855/9	200.0	487.056292	50.0	159649.0	2.435281	Y
8	STD500 460-822855/10	500.0	1152.605265	50.0	180116.0	2.305211	Y



# Calibration

/ 1,2,4,5-Tetramethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

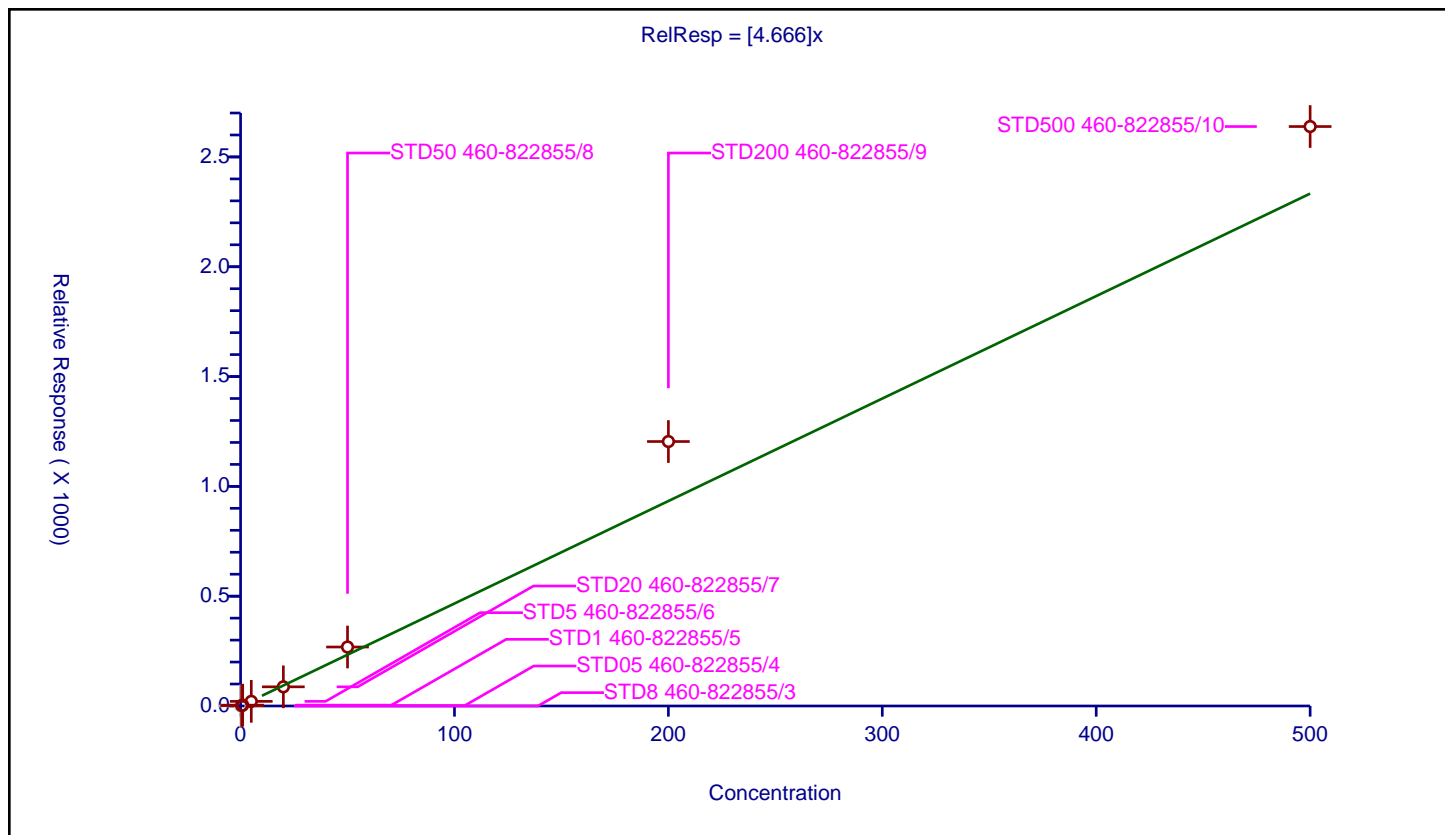
## Curve Coefficients

Intercept: 0  
 Slope: 4.666

## Error Coefficients

Standard Error: 4200000  
 Relative Standard Error: 19.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.818603	50.0	194435.0	3.637205	Y
3	STD1 460-822855/5	1.0	3.770968	50.0	179145.0	3.770968	Y
4	STD5 460-822855/6	5.0	21.115568	50.0	182723.0	4.223114	Y
5	STD20 460-822855/7	20.0	87.274615	50.0	191173.0	4.363731	Y
6	STD50 460-822855/8	50.0	268.485478	50.0	176049.0	5.36971	Y
7	STD200 460-822855/9	200.0	1204.179794	50.0	159649.0	6.020899	Y
8	STD500 460-822855/10	500.0	2638.396367	50.0	180116.0	5.276793	Y



# Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

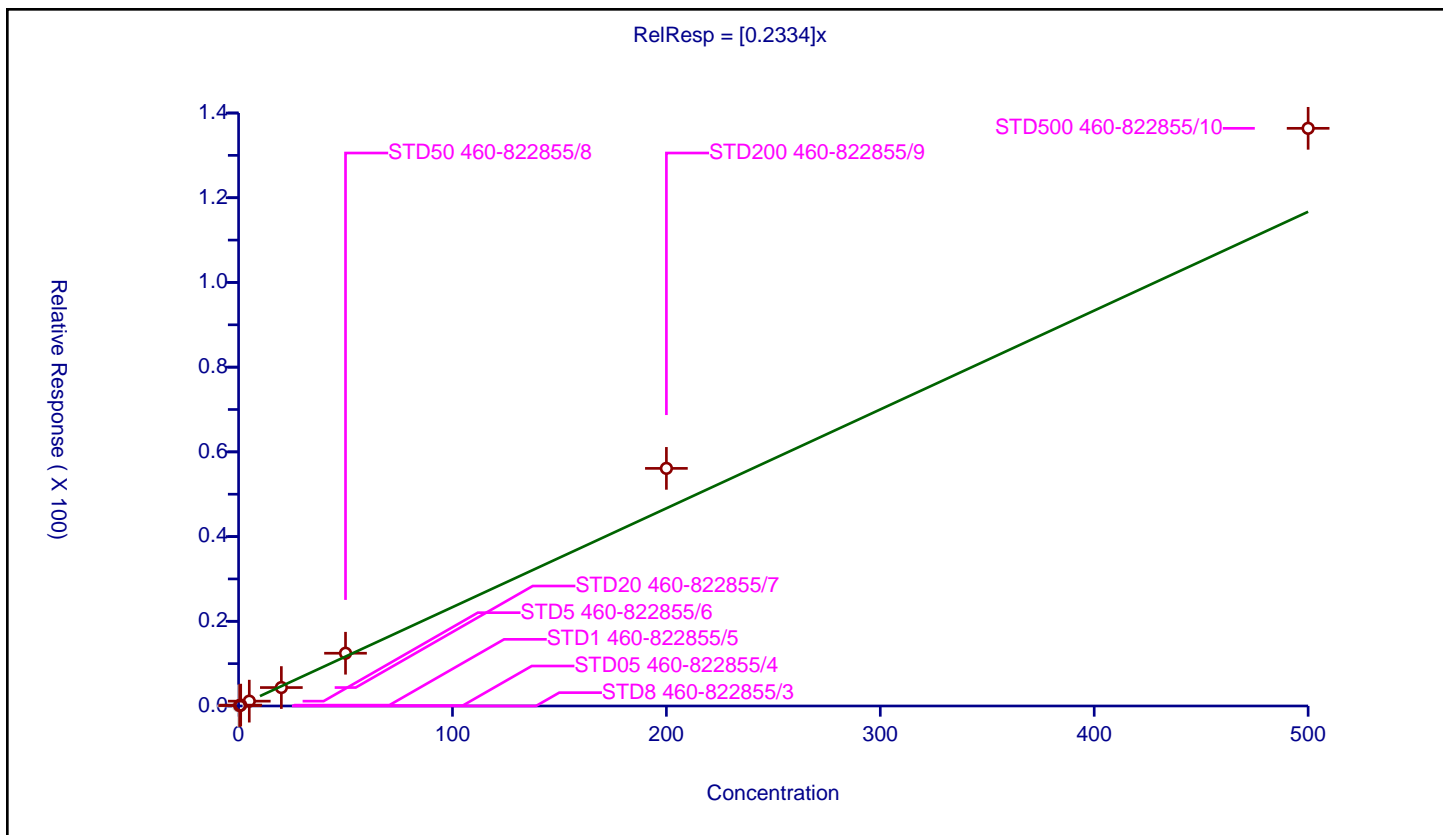
## Curve Coefficients

Intercept: 0  
 Slope: 0.2334

## Error Coefficients

Standard Error: 214000  
 Relative Standard Error: 15.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.088976	50.0	194435.0	0.177952	Y
3	STD1 460-822855/5	1.0	0.207095	50.0	179145.0	0.207095	Y
4	STD5 460-822855/6	5.0	1.143261	50.0	182723.0	0.228652	Y
5	STD20 460-822855/7	20.0	4.351817	50.0	191173.0	0.217591	Y
6	STD50 460-822855/8	50.0	12.454487	50.0	176049.0	0.24909	Y
7	STD200 460-822855/9	200.0	56.102763	50.0	159649.0	0.280514	Y
8	STD500 460-822855/10	500.0	136.386551	50.0	180116.0	0.272773	Y





# Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

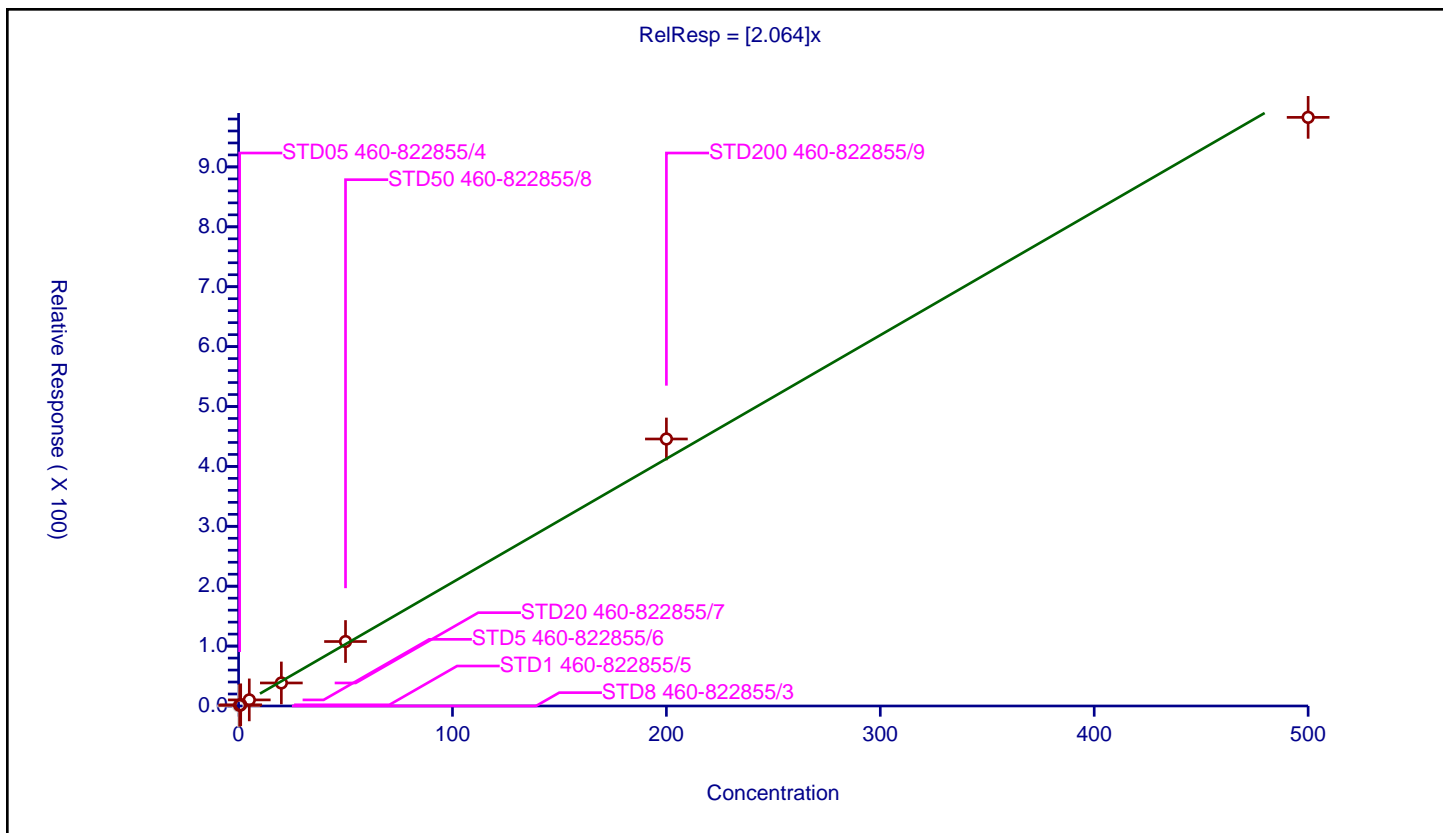
## Curve Coefficients

Intercept: 0  
 Slope: 2.064

## Error Coefficients

Standard Error: 1570000  
 Relative Standard Error: 5.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.074652	50.0	194435.0	2.149304	Y
3	STD1 460-822855/5	1.0	1.991404	50.0	179145.0	1.991404	Y
4	STD5 460-822855/6	5.0	10.181805	50.0	182723.0	2.036361	Y
5	STD20 460-822855/7	20.0	38.447898	50.0	191173.0	1.922395	Y
6	STD50 460-822855/8	50.0	107.650711	50.0	176049.0	2.153014	Y
7	STD200 460-822855/9	200.0	445.764458	50.0	159649.0	2.228822	Y
8	STD500 460-822855/10	500.0	982.732239	50.0	180116.0	1.965464	Y



# Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

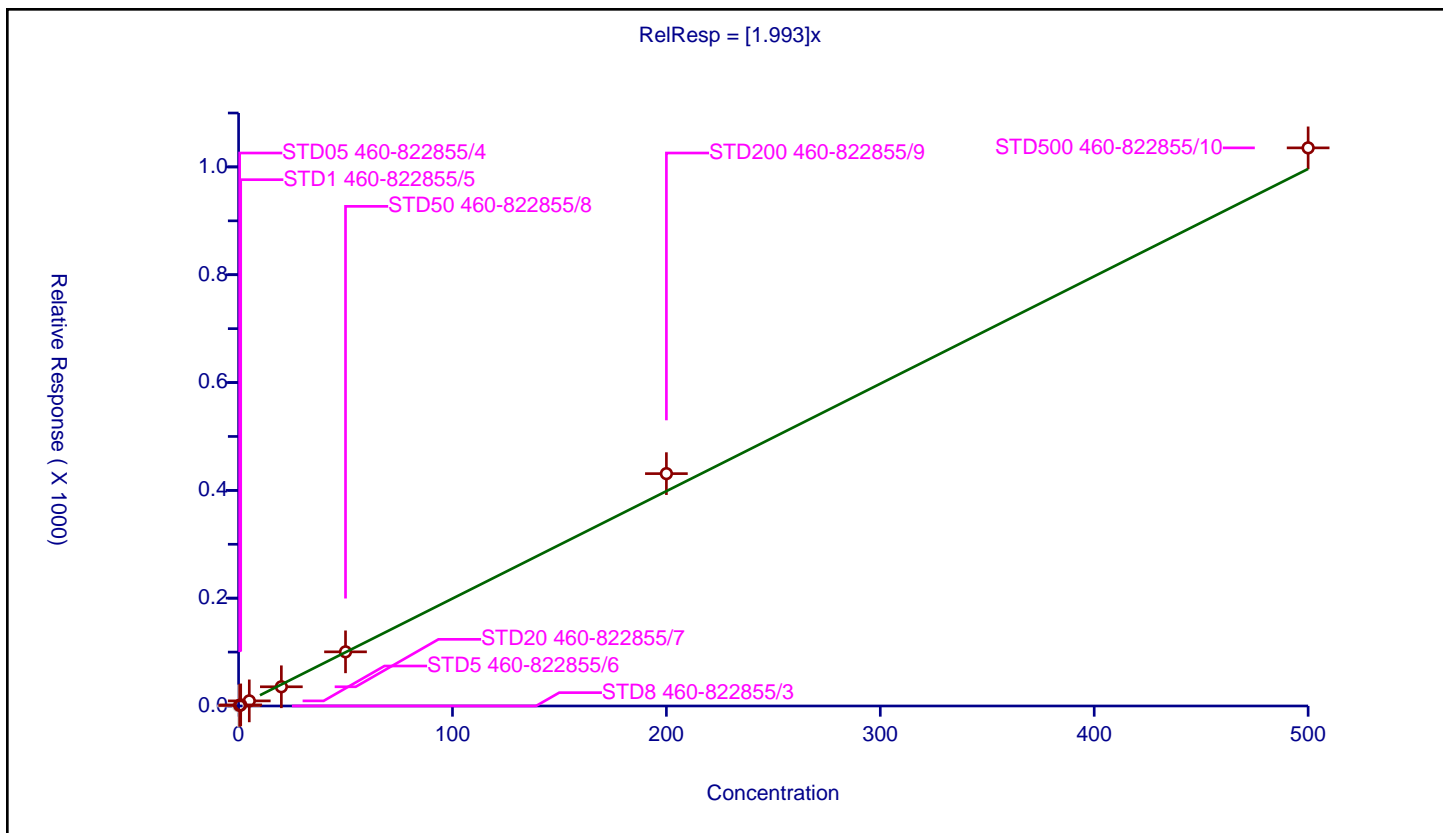
## Curve Coefficients

Intercept: 0  
 Slope: 1.993

## Error Coefficients

Standard Error: 1630000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.017821	50.0	194435.0	2.035642	Y
3	STD1 460-822855/5	1.0	1.997544	50.0	179145.0	1.997544	Y
4	STD5 460-822855/6	5.0	9.495521	50.0	182723.0	1.899104	Y
5	STD20 460-822855/7	20.0	35.626893	50.0	191173.0	1.781345	Y
6	STD50 460-822855/8	50.0	100.444195	50.0	176049.0	2.008884	Y
7	STD200 460-822855/9	200.0	431.044667	50.0	159649.0	2.155223	Y
8	STD500 460-822855/10	500.0	1035.333618	50.0	180116.0	2.070667	Y



# Calibration

/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

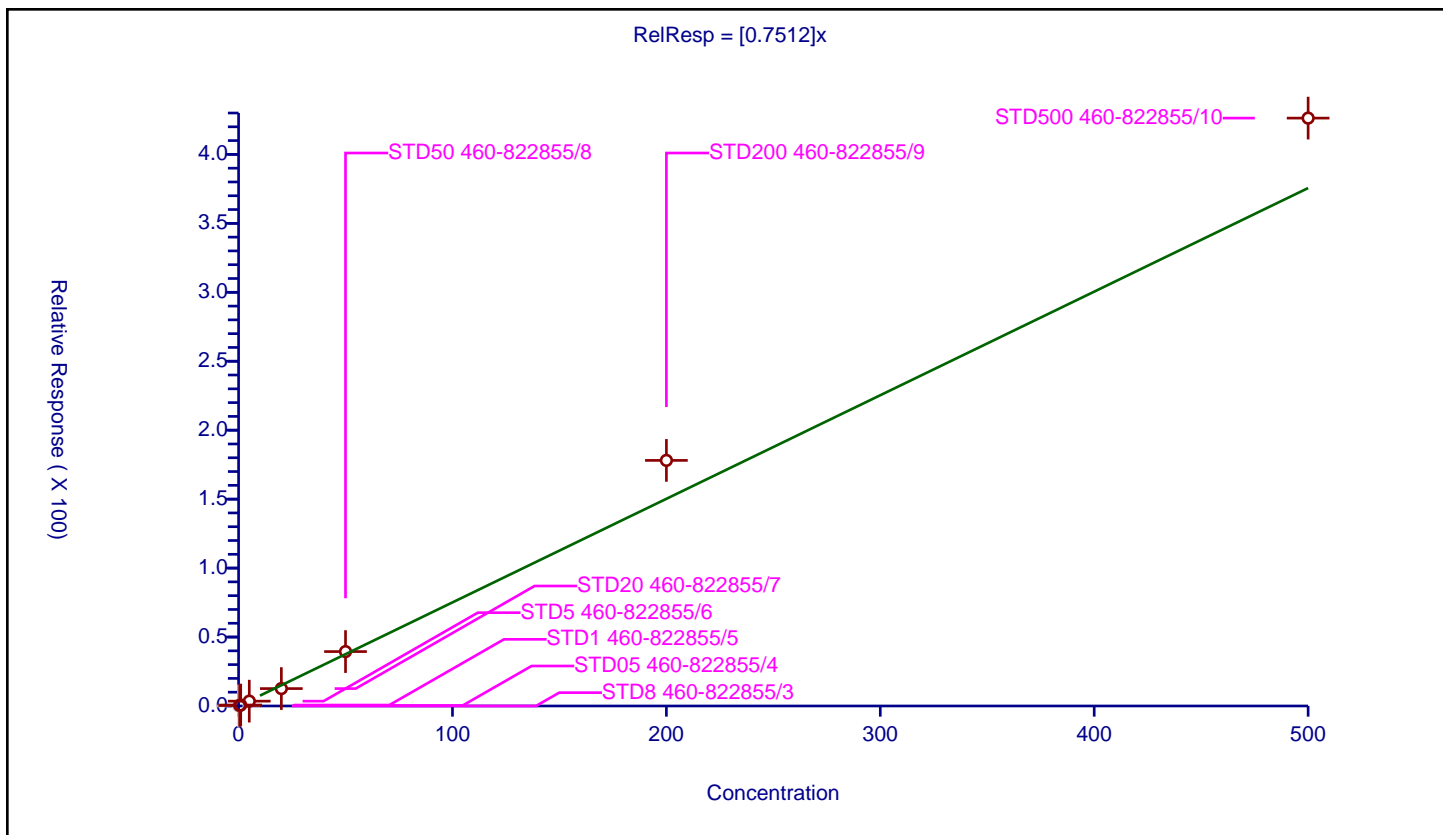
## Curve Coefficients

Intercept: 0  
 Slope: 0.7512

## Error Coefficients

Standard Error: 671000  
 Relative Standard Error: 12.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.357446	50.0	194435.0	0.714892	Y
3	STD1 460-822855/5	1.0	0.677384	50.0	179145.0	0.677384	Y
4	STD5 460-822855/6	5.0	3.513515	50.0	182723.0	0.702703	Y
5	STD20 460-822855/7	20.0	12.619983	50.0	191173.0	0.630999	Y
6	STD50 460-822855/8	50.0	39.451516	50.0	176049.0	0.78903	Y
7	STD200 460-822855/9	200.0	178.095384	50.0	159649.0	0.890477	Y
8	STD500 460-822855/10	500.0	426.311932	50.0	180116.0	0.852624	Y



# Calibration

/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

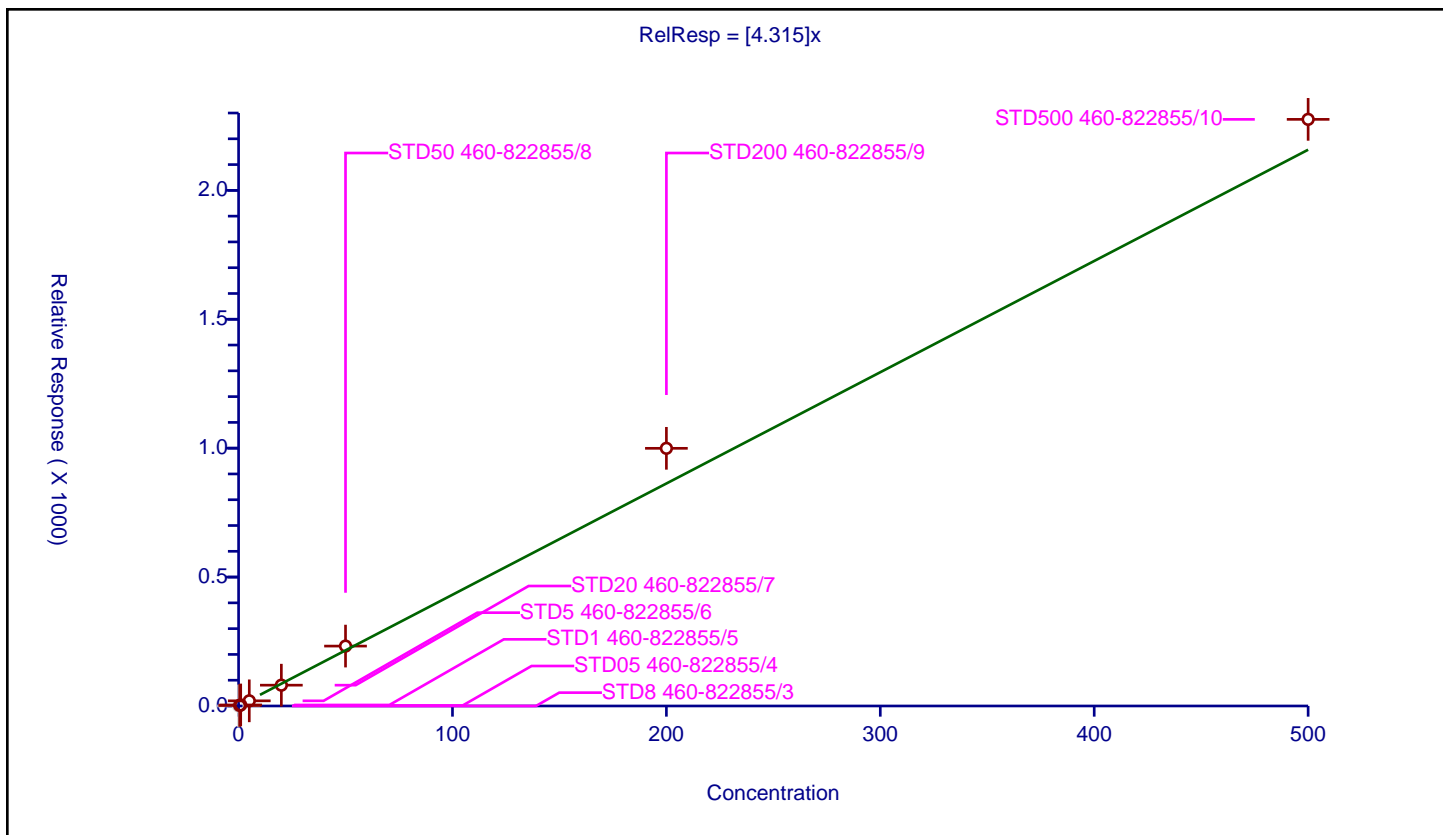
## Curve Coefficients

Intercept: 0  
 Slope: 4.315

## Error Coefficients

Standard Error: 3610000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	1.989097	50.0	194435.0	3.978193	Y
3	STD1 460-822855/5	1.0	4.000949	50.0	179145.0	4.000949	Y
4	STD5 460-822855/6	5.0	19.977781	50.0	182723.0	3.995556	Y
5	STD20 460-822855/7	20.0	80.693665	50.0	191173.0	4.034683	Y
6	STD50 460-822855/8	50.0	232.406603	50.0	176049.0	4.648132	Y
7	STD200 460-822855/9	200.0	999.427181	50.0	159649.0	4.997136	Y
8	STD500 460-822855/10	500.0	2275.413345	50.0	180116.0	4.550827	Y



# Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

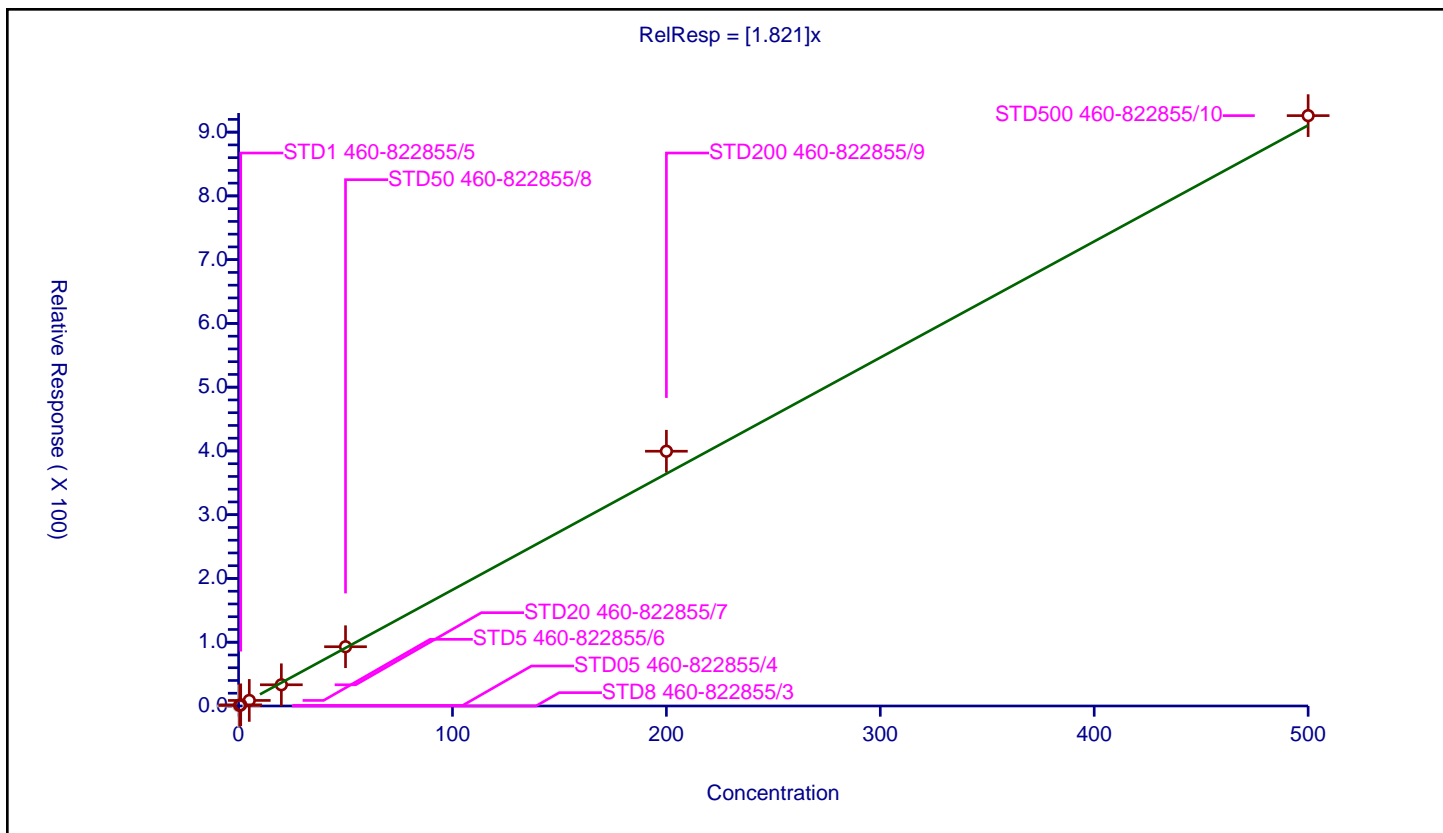
## Curve Coefficients

Intercept: 0  
 Slope: 1.821

## Error Coefficients

Standard Error: 1460000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-822855/3	0.0	0.0	50.0	184331.0	NaN	N
2	STD05 460-822855/4	0.5	0.897986	50.0	194435.0	1.795973	Y
3	STD1 460-822855/5	1.0	1.834268	50.0	179145.0	1.834268	Y
4	STD5 460-822855/6	5.0	8.740279	50.0	182723.0	1.748056	Y
5	STD20 460-822855/7	20.0	33.260973	50.0	191173.0	1.663049	Y
6	STD50 460-822855/8	50.0	92.955938	50.0	176049.0	1.859119	Y
7	STD200 460-822855/9	200.0	399.554648	50.0	159649.0	1.997773	Y
8	STD500 460-822855/10	500.0	925.881932	50.0	180116.0	1.851764	Y



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-808628/13 Calibration Date: 10/22/2021 11:42

Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18

Lab File ID: T56953.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
Monochloropentafluoroethane	Ave	0.0093	0.0058		12.4	20.0	-38.0*	30.0
Chlorotrifluoroethene	Ave	0.0875	0.0635		14.5	20.0	-27.4	30.0
1,1-Difluoroethane	QuaF		0.1188		18.6	20.0	-7.1	30.0
Dichlorodifluoromethane	Ave	0.2773	0.2672	0.1000	19.3	20.0	-3.6	30.0
Chlorodifluoromethane	Ave	0.0518	0.0465		17.9	20.0	-10.3	30.0
Chloromethane	Ave	0.3016	0.3206	0.1000	21.3	20.0	6.3	30.0
Vinyl chloride	Ave	0.3062	0.2960	0.1000	19.3	20.0	-3.3	30.0
Butadiene	Ave	0.2741	0.2484		18.1	20.0	-9.4	30.0
Bromomethane	QuaF		0.8736	0.1000	22.1	20.0	10.6	30.0
Chloroethane	Ave	1.187	1.154	0.1000	19.4	20.0	-2.8	30.0
Dichlorofluoromethane	Ave	0.4167	0.4066		19.5	20.0	-2.4	30.0
Trichlorofluoromethane	Ave	0.3372	0.3381	0.1000	20.0	20.0	0.2	30.0
Pentane	Ave	0.0354	0.0404		45.7	40.0	14.2	30.0
Ethanol	Ave	0.3096	0.3042		786	800	-1.7	30.0
Ethyl ether	Ave	0.2080	0.2036		19.6	20.0	-2.1	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2283	0.2265		19.8	20.0	-0.8	30.0
2-Methyl-1,3-butadiene	Ave	0.2166	0.2437		22.5	20.0	12.5	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3806	0.3948		20.7	20.0	3.7	30.0
Acrolein	Ave	10.39	10.83		41.7	40.1	4.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2262	0.2430	0.1000	21.5	20.0	7.4	30.0
1,1-Dichloroethene	Ave	0.2361	0.2504	0.1000	21.2	20.0	6.1	30.0
Acetone	Ave	0.6615	0.5774	0.0500	87.3	100	-12.7	30.0
Iodomethane	Ave	0.2093	0.2342		22.4	20.0	11.9	30.0
Carbon disulfide	Ave	0.8008	0.8186	0.1000	20.4	20.0	2.2	30.0
Isopropyl alcohol	QuaF		3.464		166	200	-16.8	30.0
Acetonitrile	Ave	0.1430	0.1495		209	200	4.6	30.0
3-Chloro-1-propene	Ave	0.1693	0.1868		22.1	20.0	10.3	30.0
Methyl acetate	Ave	0.1770	0.1756	0.1000	39.7	40.0	-0.8	30.0
Cyclopentene	Ave	0.6230	0.6674		21.4	20.0	7.1	30.0
Methylene Chloride	Ave	0.2808	0.2659	0.1000	18.9	20.0	-5.3	30.0
2-Methyl-2-propanol	Ave	6.762	5.956		176	200	-11.9	30.0
Acrylonitrile	Ave	0.0991	0.0991		200	200	0.0	30.0
Methyl tert-butyl ether	Ave	0.7407	0.7361	0.1000	19.9	20.0	-0.6	30.0
trans-1,2-Dichloroethene	Ave	0.2723	0.2753	0.1000	20.2	20.0	1.1	30.0
Hexane	Ave	0.2795	0.2773		19.8	20.0	-0.8	30.0
1,1-Dichloroethane	Ave	0.4826	0.4666	0.2000	19.3	20.0	-3.3	30.0
Vinyl acetate	Ave	0.4626	0.4661		40.3	40.0	0.8	30.0
2-Chloro-1,3-butadiene	Ave	0.2545	0.2644		20.8	20.0	3.9	30.0
Isopropyl ether	Ave	0.7636	0.7969		20.9	20.0	4.4	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-808628/13 Calibration Date: 10/22/2021 11:42

Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18

Lab File ID: T56953.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
Tert-butyl ethyl ether	Ave	0.7746	0.7887		20.4	20.0	1.8	30.0
2,2-Dichloropropane	Ave	0.1005	0.0993		19.8	20.0	-1.2	30.0
cis-1,2-Dichloroethene	Ave	0.2967	0.2960	0.1000	20.0	20.0	-0.2	30.0
2-Butanone (MEK)	Ave	0.8494	0.9086	0.0500	107	100	7.0	30.0
Propionitrile	Ave	7.929	8.803		222	200	11.0	30.0
Ethyl acetate	Ave	0.2605	0.2550		39.2	40.0	-2.1	30.0
Methyl acrylate	Ave	0.2911	0.2557		17.6	20.0	-12.2	30.0
Methacrylonitrile	Ave	0.1136	0.1149		202	200	1.2	30.0
Chlorobromomethane	Ave	0.1202	0.1191		19.8	20.0	-1.0	30.0
Tetrahydrofuran	Ave	0.3231	0.3014		37.3	40.0	-6.7	30.0
Chloroform	Ave	0.4764	0.4664	0.2000	19.6	20.0	-2.1	30.0
1,1,1-Trichloroethane	Ave	0.4192	0.4199	0.1000	20.0	20.0	0.2	30.0
Cyclohexane	Ave	0.3551	0.3460	0.1000	19.5	20.0	-2.6	30.0
Carbon tetrachloride	Ave	0.3514	0.3566	0.1000	20.3	20.0	1.5	30.0
1,1-Dichloropropene	Ave	0.3888	0.3912		20.1	20.0	0.6	30.0
Isobutyl alcohol	Ave	2.000	2.023		506	500	1.1	30.0
Benzene	Ave	1.534	1.550	0.5000	20.2	20.0	1.0	30.0
1,2-Dichloroethane	Ave	0.3534	0.3300	0.1000	18.7	20.0	-6.6	30.0
Isooctane	Ave	0.4887	0.4853		19.9	20.0	-0.7	30.0
Isopropyl acetate	Ave	0.1050	0.1096		20.9	20.0	4.3	30.0
Tert-amyl methyl ether	Ave	0.7638	0.7675		20.1	20.0	0.5	30.0
n-Heptane	Ave	0.2090	0.1986		19.0	20.0	-5.0	30.0
Trichloroethene	Ave	0.2983	0.2871	0.2000	19.3	20.0	-3.7	30.0
n-Butanol	QuaF		1.440		399	500	-20.1	30.0
Ethyl acrylate	Ave	0.5880	0.5987		20.4	20.0	1.8	30.0
Methylcyclohexane	Ave	0.3375	0.3366	0.1000	19.9	20.0	-0.3	30.0
1,2-Dichloropropane	Ave	0.2754	0.2712	0.1000	19.7	20.0	-1.5	30.0
Dibromomethane	Ave	0.1732	0.1635		18.9	20.0	-5.6	30.0
1,4-Dioxane	Ave	1.108	1.100		397	400	-0.7	30.0
Methyl methacrylate	Ave	0.0746	0.0764		41.0	40.0	2.5	30.0
n-Propyl acetate	Ave	0.3567	0.3607		20.2	20.0	1.1	30.0
Dichlorobromomethane	Ave	0.3603	0.3522	0.2000	19.6	20.0	-2.2	30.0
2-Nitropropane	Ave	0.0707	0.0622		35.2	40.0	-12.1	30.0
2-Chloroethyl vinyl ether	Ave	0.0465	0.0466		20.0	20.0	0.0	30.0
Epichlorohydrin	Ave	0.1897	0.1495		15.8	20.0	-21.2	30.0
cis-1,3-Dichloropropene	Ave	0.6342	0.6199	0.2000	19.5	20.0	-2.3	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.920	1.952	0.0500	102	100	1.6	30.0
Toluene	Ave	1.610	1.596	0.4000	19.8	20.0	-0.9	30.0
trans-1,3-Dichloropropene	Ave	0.5867	0.5892	0.1000	20.1	20.0	0.4	30.0
Ethyl methacrylate	Ave	0.4815	0.4877		20.3	20.0	1.3	30.0
1,1,2-Trichloroethane	Ave	0.2902	0.2868	0.1000	19.8	20.0	-1.2	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-808628/13 Calibration Date: 10/22/2021 11:42

Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18

Lab File ID: T56953.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
Tetrachloroethene	Ave	0.3371	0.3450	0.2000	20.5	20.0	2.3	30.0
1,3-Dichloropropane	Ave	0.5913	0.5767		19.5	20.0	-2.5	30.0
2-Hexanone	Ave	1.399	1.384	0.0500	98.9	100	-1.1	30.0
Chlorodibromomethane	Ave	0.3654	0.3605	0.1000	19.7	20.0	-1.3	30.0
Ethylene Dibromide	Ave	0.3627	0.3486	0.1000	19.2	20.0	-3.9	30.0
n-Butyl acetate	Ave	0.5458	0.5499		20.2	20.0	0.8	30.0
Chlorobenzene	Ave	0.9609	0.9323	0.5000	19.4	20.0	-3.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3418	0.3341		19.6	20.0	-2.2	30.0
Ethylbenzene	Ave	0.5064	0.5035	0.1000	19.9	20.0	-0.6	30.0
m-Xylene & p-Xylene	Ave	0.6278	0.6175	0.1000	19.7	20.0	-1.6	30.0
o-Xylene	Ave	0.5959	0.5858	0.3000	19.7	20.0	-1.7	30.0
Styrene	Ave	1.023	0.9788	0.3000	19.1	20.0	-4.4	30.0
n-Butyl acrylate	Ave	0.2930	0.2937		20.0	20.0	0.2	30.0
Bromoform	Ave	0.2295	0.2283	0.1000	19.9	20.0	-0.5	30.0
Amyl acetate (mixed isomers)	Ave	1.344	1.419		21.1	20.0	5.6	30.0
Isopropylbenzene	Ave	1.470	1.434	0.1000	19.5	20.0	-2.5	30.0
Bromobenzene	Ave	0.7632	0.7540		19.8	20.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.049	1.054	0.3000	20.1	20.0	0.5	30.0
1,2,3-Trichloropropane	Ave	0.3008	0.2817		18.7	20.0	-6.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2928	0.2893		19.8	20.0	-1.2	30.0
N-Propylbenzene	Ave	3.913	3.805		19.4	20.0	-2.8	30.0
2-Chlorotoluene	Ave	2.341	2.507		21.4	20.0	7.1	30.0
4-Ethyltoluene	Ave	2.972	3.105		20.9	20.0	4.5	30.0
4-Chlorotoluene	Ave	2.705	2.749		20.3	20.0	1.6	30.0
1,3,5-Trimethylbenzene	Ave	2.470	2.426		19.6	20.0	-1.8	30.0
Butyl Methacrylate	Ave	1.028	1.071		20.8	20.0	4.2	30.0
tert-Butylbenzene	Ave	1.968	1.959		19.9	20.0	-0.4	30.0
1,2,4-Trimethylbenzene	Ave	2.500	2.477		19.8	20.0	-0.9	30.0
sec-Butylbenzene	Ave	2.854	2.858		20.0	20.0	0.1	30.0
1,3-Dichlorobenzene	Ave	1.270	1.273	0.6000	20.1	20.0	0.3	30.0
1,4-Dichlorobenzene	Ave	1.324	1.301	0.5000	19.7	20.0	-1.7	30.0
4-Isopropyltoluene	Ave	2.273	2.284		20.1	20.0	0.5	30.0
1,2,3-Trimethylbenzene	Ave	2.519	2.494		19.8	20.0	-1.0	30.0
Benzyl chloride	Ave	1.995	2.140		21.5	20.0	7.3	30.0
Indan	Ave	2.385	2.518		21.1	20.0	5.6	30.0
1,2-Dichlorobenzene	Ave	1.217	1.217	0.4000	20.0	20.0	-0.0	30.0
p-Diethylbenzene	Ave	1.152	1.405		24.4	20.0	21.9	30.0
n-Butylbenzene	Ave	1.182	1.244		21.0	20.0	5.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2075	0.1959	0.0500	18.9	20.0	-5.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.945	2.068		21.3	20.0	6.3	30.0
1,3,5-Trichlorobenzene	Ave	0.6590	0.6867		20.8	20.0	4.2	30.0



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-808628/13 Calibration Date: 10/22/2021 11:42  
 Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18  
 Lab File ID: T56953.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
1,2,4-Trichlorobenzene	Ave	0.5966	0.6217	0.2000	20.8	20.0	4.2	30.0
Hexachlorobutadiene	Ave	0.2250	0.2694		23.9	20.0	19.7	30.0
Naphthalene	Ave	2.006	2.026		20.2	20.0	1.0	30.0
1,2,3-Trichlorobenzene	Ave	0.4786	0.4939		20.6	20.0	3.2	30.0
Dibromofluoromethane (Surr)	Ave	0.2534	0.2531		49.9	50.0	-0.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2954	0.2935		49.7	50.0	-0.7	30.0
Toluene-d8 (Surr)	Ave	1.346	1.375		51.1	50.0	2.2	30.0
4-Bromofluorobenzene	Ave	0.3532	0.3499		49.5	50.0	-0.9	30.0

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56953.D  
 Lims ID: ICV  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 22-Oct-2021 11:42:50 ALS Bottle#: 0 Worklist Smp#: 13  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: ICV  
 Misc. Info.: 460-0136419-013  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist:  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 22-Oct-2021 14:29:18 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 12:46:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.591	0.585	0.006	0	1318	20.0	12.4	
3 Chlorotrifluoroethene	116	0.627	0.621	0.006	61	14485	20.0	14.5	
2 1,1-Difluoroethane	65	0.634	0.628	0.006	99	27086	20.0	18.6	
4 Dichlorodifluoromethane	85	0.640	0.640	0.000	87	60940	20.0	19.3	
5 Chlorodifluoromethane	67	0.652	0.646	0.006	78	10602	20.0	17.9	
6 Chloromethane	50	0.713	0.713	0.000	88	73122	20.0	21.3	
7 Vinyl chloride	62	0.749	0.749	0.000	83	67519	20.0	19.3	
8 Butadiene	54	0.768	0.762	0.006	93	56652	20.0	18.1	
9 Bromomethane	94	0.877	0.877	0.000	99	24129	20.0	22.1	
10 Chloroethane	64	0.920	0.914	0.006	97	31866	20.0	19.4	
11 Dichlorofluoromethane	67	0.999	0.999	0.000	91	92750	20.0	19.5	
12 Trichlorofluoromethane	101	1.024	1.024	0.000	99	77112	20.0	20.0	
13 Pentane	72	1.060	1.060	0.000	95	18430	40.0	45.7	
14 Ethanol	46	1.115	1.115	0.000	93	12530	800.0	786.0	
15 Ethyl ether	59	1.152	1.152	0.000	57	46436	20.0	19.6	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.158	1.158	0.000	78	51664	20.0	19.8	
17 2-Methyl-1,3-butadiene	53	1.164	1.158	0.006	84	55595	20.0	22.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.182	1.182	0.000	87	90059	20.0	20.7	
19 Acrolein	56	1.207	1.207	0.000	95	22329	40.1	41.7	
20 1,1-Dichloroethene	96	1.255	1.249	0.006	98	57120	20.0	21.2	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.255	1.255	0.000	66	55415	20.0	21.5	
22 Acetone	43	1.280	1.280	0.000	87	79746	100.0	87.3	
23 Iodomethane	142	1.322	1.323	-0.001	99	53410	20.0	22.4	
24 Carbon disulfide	76	1.353	1.353	0.000	99	186715	20.0	20.4	
25 Isopropyl alcohol	45	1.353	1.353	0.000	33	35678	200.0	166.5	
26 Acetonitrile	40	1.414	1.414	0.000	87	41283	200.0	209.1	
27 3-Chloro-1-propene	76	1.426	1.426	0.000	94	42611	20.0	22.1	
28 Methyl acetate	43	1.438	1.438	0.000	97	80123	40.0	39.7	
29 Cyclopentene	67	1.469	1.463	0.006	97	152225	20.0	21.4	
30 Methylene Chloride	84	1.487	1.487	0.000	85	60648	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.511	1.512	-0.001	99	51495	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.554	1.554	0.000	99	61337	200.0	176.2	
33 Acrylonitrile	53	1.615	1.615	0.000	94	226062	200.0	200.0	
34 trans-1,2-Dichloroethene	96	1.633	1.627	0.006	68	62790	20.0	20.2	
35 Methyl tert-butyl ether	73	1.633	1.633	0.000	96	167902	20.0	19.9	
36 Hexane	57	1.792	1.792	0.000	90	63246	20.0	19.8	
37 1,1-Dichloroethane	63	1.865	1.865	0.000	95	106420	20.0	19.3	
38 Vinyl acetate	86	1.908	1.908	0.000	99	25750	40.0	40.3	
39 2-Chloro-1,3-butadiene	88	1.926	1.920	0.006	70	60297	20.0	20.8	
40 Isopropyl ether	45	1.926	1.920	0.006	84	181774	20.0	20.9	
41 Tert-butyl ethyl ether	59	2.152	2.152	0.000	88	179904	20.0	20.4	
* 42 2-Butanone-d5	46	2.206	2.207	0.000	80	345257	250.0	250.0	
44 2,2-Dichloropropane	97	2.231	2.231	0.000	81	22642	20.0	19.8	
43 cis-1,2-Dichloroethene	96	2.231	2.231	0.000	82	67524	20.0	20.0	
45 2-Butanone (MEK)	43	2.249	2.249	0.000	99	125485	100.0	107.0	
46 Propionitrile	54	2.286	2.286	0.000	98	90658	200.0	222.0	
47 Ethyl acetate	70	2.304	2.304	0.000	99	14088	40.0	39.2	
48 Methyl acrylate	55	2.322	2.322	0.000	95	58318	20.0	17.6	
50 Methacrylonitrile	67	2.389	2.389	0.000	89	262137	200.0	202.4	
49 Chlorobromomethane	128	2.395	2.396	-0.001	46	27156	20.0	19.8	
51 Tetrahydrofuran	72	2.432	2.432	0.000	72	16648	40.0	37.3	
52 Chloroform	83	2.463	2.456	0.006	94	106374	20.0	19.6	
\$ 53 Dibromofluoromethane (Surr)	113	2.572	2.572	0.000	95	144345	50.0	49.9	
54 1,1,1-Trichloroethane	97	2.584	2.584	0.000	83	95776	20.0	20.0	
55 Cyclohexane	84	2.621	2.621	0.000	90	78911	20.0	19.5	
56 Carbon tetrachloride	117	2.706	2.706	0.000	83	81334	20.0	20.3	
57 1,1-Dichloropropene	75	2.712	2.713	-0.001	96	89229	20.0	20.1	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.822	2.822	0.000	91	167355	50.0	49.7	
59 Isobutyl alcohol	43	2.859	2.859	0.000	47	52088	500.0	505.7	
60 Benzene	78	2.871	2.865	0.006	96	247024	20.0	20.2	
61 1,2-Dichloroethane	62	2.883	2.883	0.000	74	75274	20.0	18.7	
62 Isooctane	57	2.956	2.956	0.000	94	110691	20.0	19.9	a
63 Isopropyl acetate	61	2.981	2.981	0.000	92	24990	20.0	20.9	
64 Tert-amyl methyl ether	73	2.987	2.987	0.000	81	175054	20.0	20.1	
* 65 Fluorobenzene	96	3.109	3.109	0.000	98	570224	50.0	50.0	
66 n-Heptane	43	3.133	3.133	0.000	77	45301	20.0	19.0	
67 Trichloroethene	95	3.432	3.432	0.000	95	65491	20.0	19.3	
68 n-Butanol	56	3.456	3.456	0.000	85	37074	500.0	399.5	
69 Ethyl acrylate	55	3.590	3.590	0.000	96	136565	20.0	20.4	
70 Methylcyclohexane	83	3.603	3.603	0.000	85	76773	20.0	19.9	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	90	61857	20.0	19.7	
72 Dibromomethane	93	3.743	3.737	0.006	68	37300	20.0	18.9	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	71	38720	1000.0	1000.0	
74 1,4-Dioxane	88	3.792	3.798	-0.006	44	17042	400.0	397.3	
75 Methyl methacrylate	100	3.810	3.810	0.000	84	34865	40.0	41.0	
76 n-Propyl acetate	43	3.889	3.889	0.000	98	82275	20.0	20.2	
77 Dichlorobromomethane	83	3.920	3.920	0.000	96	80340	20.0	19.6	
78 2-Nitropropane	41	4.163	4.163	0.000	97	28355	40.0	35.2	
79 2-Chloroethyl vinyl ether	106	4.285	4.285	0.000	96	10622	20.0	20.0	
80 Epichlorohydrin	57	4.310	4.316	-0.006	57	4130	20.0	15.8	M
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	86	98807	20.0	19.5	
82 4-Methyl-2-pentanone (MIBK)	43	4.615	4.615	0.000	95	269591	100.0	101.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	99	548080	50.0	51.1	
84 Toluene	91	4.767	4.761	0.006	93	254443	20.0	19.8	
85 trans-1,3-Dichloropropene	75	5.066	5.066	0.000	93	93904	20.0	20.1	
86 Ethyl methacrylate	69	5.255	5.255	0.000	85	77736	20.0	20.3	
87 1,1,2-Trichloroethane	83	5.273	5.273	0.000	92	45705	20.0	19.8	
88 Tetrachloroethene	166	5.413	5.413	0.000	89	54983	20.0	20.5	
89 1,3-Dichloropropane	76	5.468	5.468	0.000	91	91921	20.0	19.5	
90 2-Hexanone	43	5.651	5.651	0.000	94	191179	100.0	98.9	
91 Chlorodibromomethane	129	5.736	5.736	0.000	96	57462	20.0	19.7	
92 Ethylene Dibromide	107	5.840	5.840	0.000	98	55565	20.0	19.2	
93 n-Butyl acetate	43	5.883	5.883	0.000	98	87650	20.0	20.2	
* 94 Chlorobenzene-d5	117	6.498	6.498	0.000	86	398462	50.0	50.0	
95 Chlorobenzene	112	6.535	6.535	0.000	92	148594	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	6.681	6.681	0.000	92	53256	20.0	19.6	
97 Ethylbenzene	106	6.742	6.742	0.000	99	80251	20.0	19.9	
98 m-Xylene & p-Xylene	106	6.925	6.925	0.000	98	98413	20.0	19.7	
99 o-Xylene	106	7.486	7.486	0.000	92	93375	20.0	19.7	
100 Styrene	104	7.516	7.517	-0.001	93	156011	20.0	19.1	
101 n-Butyl acrylate	73	7.614	7.614	0.000	97	46810	20.0	20.0	
102 Bromoform	173	7.724	7.718	0.006	93	36384	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	8.004	8.004	0.000	91	101392	20.0	21.1	
104 Isopropylbenzene	105	8.083	8.077	0.006	96	228573	20.0	19.5	
\$ 105 4-Bromofluorobenzene	174	8.266	8.266	0.000	82	139412	50.0	49.5	
106 Bromobenzene	156	8.431	8.431	0.000	95	53886	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	8.596	8.596	0.000	89	75337	20.0	20.1	
108 1,2,3-Trichloropropane	110	8.596	8.596	0.000	87	20132	20.0	18.7	
109 trans-1,4-Dichloro-2-butene	53	8.687	8.687	0.000	91	20675	20.0	19.8	
110 N-Propylbenzene	91	8.730	8.730	0.000	98	271935	20.0	19.4	
111 2-Chlorotoluene	91	8.778	8.778	0.000	94	179155	20.0	21.4	
112 4-Ethyltoluene	105	8.925	8.925	0.000	98	221881	20.0	20.9	
113 4-Chlorotoluene	91	8.967	8.967	0.000	99	196439	20.0	20.3	
114 1,3,5-Trimethylbenzene	105	9.041	9.041	0.000	91	173385	20.0	19.6	
115 Butyl Methacrylate	87	9.358	9.358	0.000	89	76580	20.0	20.8	
116 tert-Butylbenzene	119	9.540	9.541	-0.001	88	140033	20.0	19.9	
117 1,2,4-Trimethylbenzene	105	9.620	9.620	0.000	97	177059	20.0	19.8	
118 sec-Butylbenzene	105	9.900	9.900	0.000	98	204255	20.0	20.0	
119 1,3-Dichlorobenzene	146	9.973	9.973	0.000	93	91009	20.0	20.1	
* 120 1,4-Dichlorobenzene-d4	152	10.101	10.101	0.000	97	178676	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.138	10.132	0.006	91	92956	20.0	19.7	
122 4-Isopropyltoluene	119	10.187	10.187	0.000	97	163263	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.278	10.278	0.000	99	178222	20.0	19.8	
124 Benzyl chloride	91	10.406	10.400	0.006	98	152948	20.0	21.5	
125 2,3-Dihydroindene	117	10.552	10.553	-0.001	90	179980	20.0	21.1	
126 1,2-Dichlorobenzene	146	10.717	10.717	0.000	93	86965	20.0	20.0	
127 p-Diethylbenzene	119	10.833	10.833	0.000	90	100381	20.0	24.4	
128 n-Butylbenzene	92	10.863	10.863	0.000	97	88901	20.0	21.0	
129 1,2-Dibromo-3-Chloropropane	157	11.888	11.888	0.000	97	13999	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	96	147816	20.0	21.3	
131 1,3,5-Trichlorobenzene	180	12.138	12.138	0.000	95	49076	20.0	20.8	
132 1,2,4-Trichlorobenzene	180	12.778	12.778	0.000	93	44435	20.0	20.8	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	52	19252	20.0	23.9	
134 Naphthalene	128	12.985	12.985	0.000	99	144788	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.211	13.211	0.000	93	35301	20.0	20.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 137 Xylenes, Total	100				0		40.0	39.3	
S 140 Total BTEX	1				0		100.0	99.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.6	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

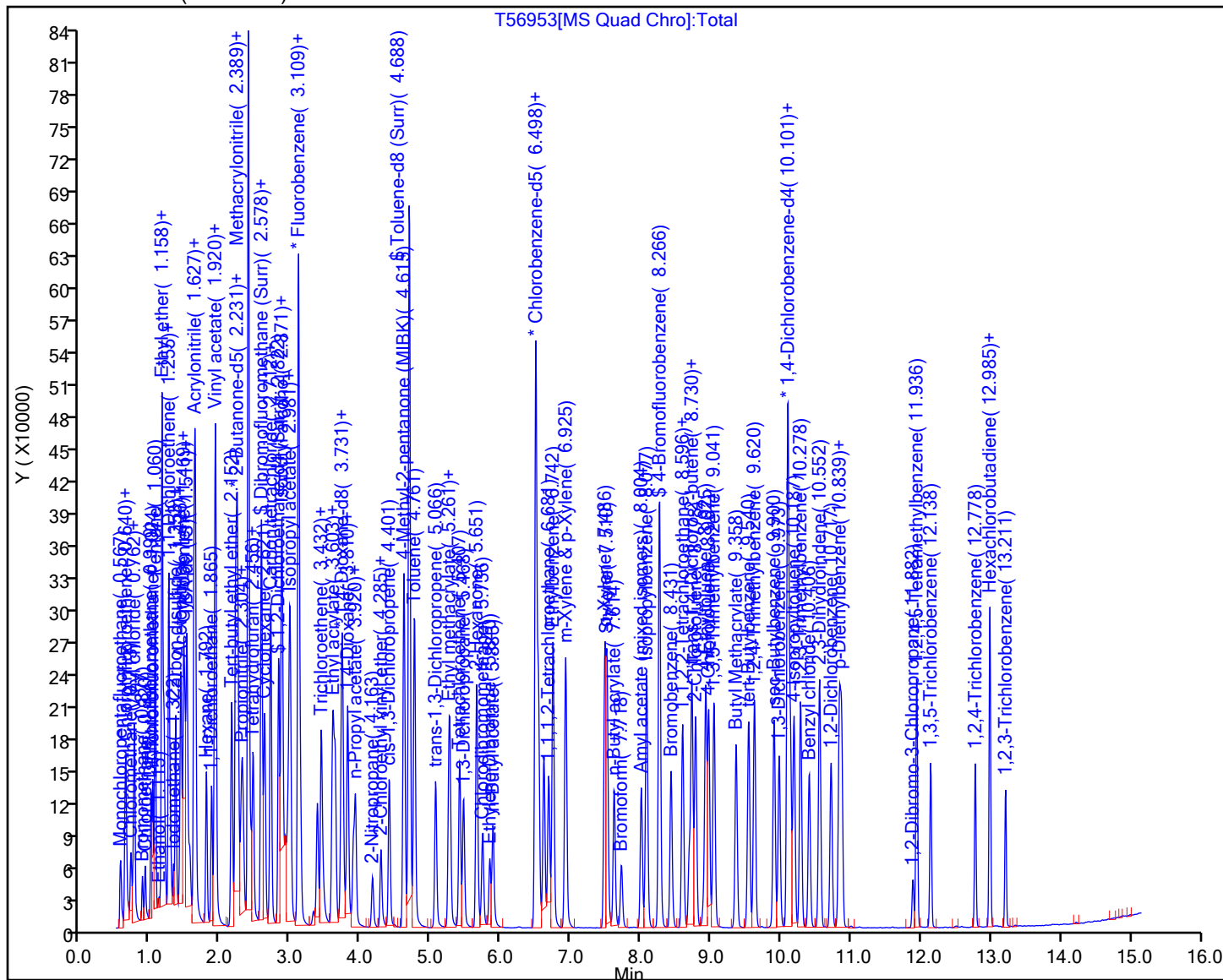
8260 SP_00145	Amount Added: 20.00	Units: uL	
GAS C SP_00432	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00130	Amount Added: 4.00	Units: uL	
8FreonsSS_00037	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00050	Amount Added: 5.00	Units: uL	Run Reagent

Instrument ID: CVOAMS15

Worklist Smp#: 13

Limit Group: VOA - 8260D Water and Solid

T56953[MS Quad Chro]:Total



## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56953.D

Injection Date: 22-Oct-2021 11:42:50

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

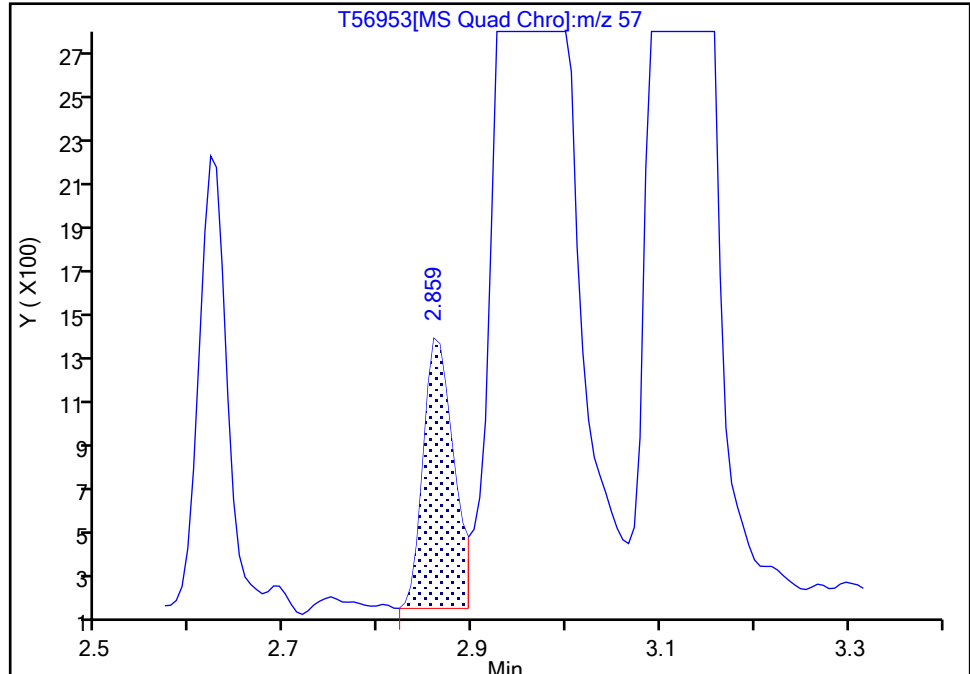
Detector: MS Quad

**62 Isooctane, CAS: 540-84-1**

Signal: 1

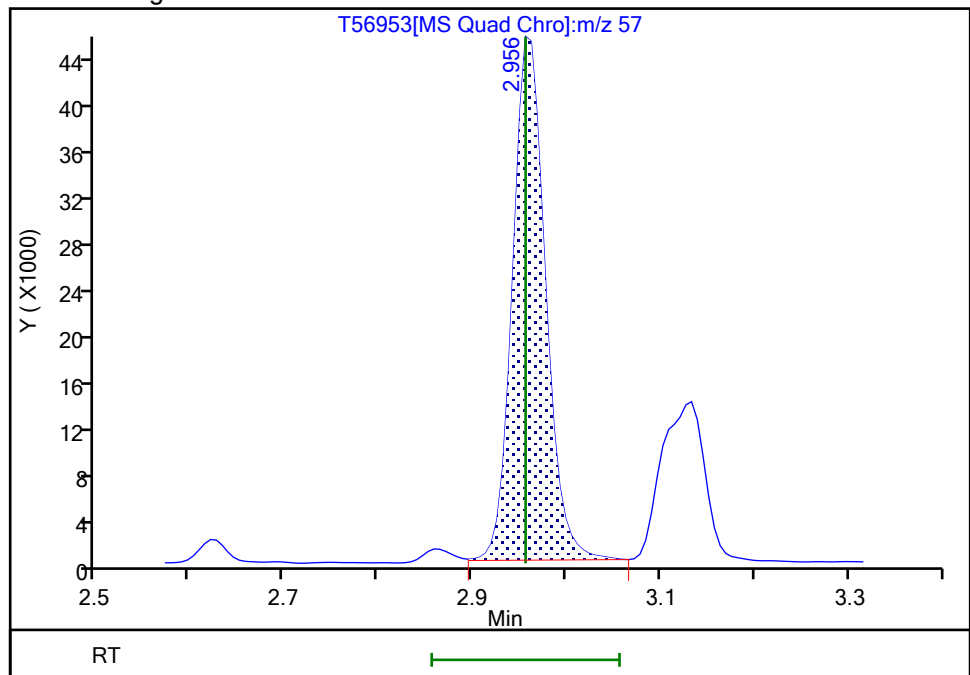
RT: 2.86  
Area: 2745  
Amount: 0.492502  
Amount Units: ug/l

## Processing Integration Results



RT: 2.96  
Area: 110691  
Amount: 19.859937  
Amount Units: ug/l

## Manual Integration Results



Reviewer: desais, 22-Oct-2021 12:15:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56953.D

Injection Date: 22-Oct-2021 11:42:50

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

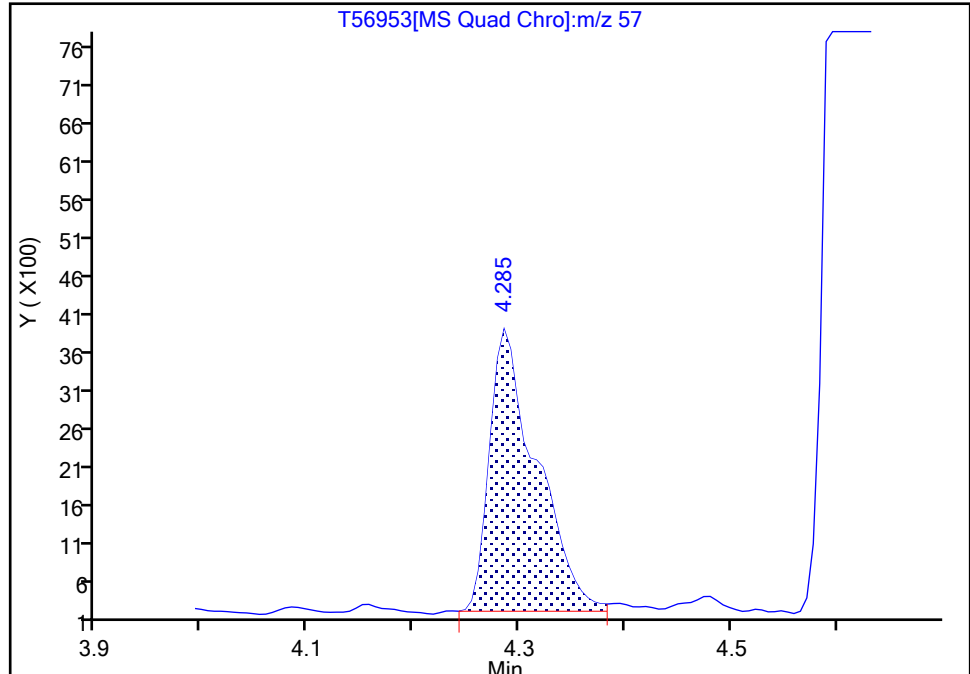
Detector: MS Quad

**80 Epichlorohydrin, CAS: 106-89-8**

Signal: 1

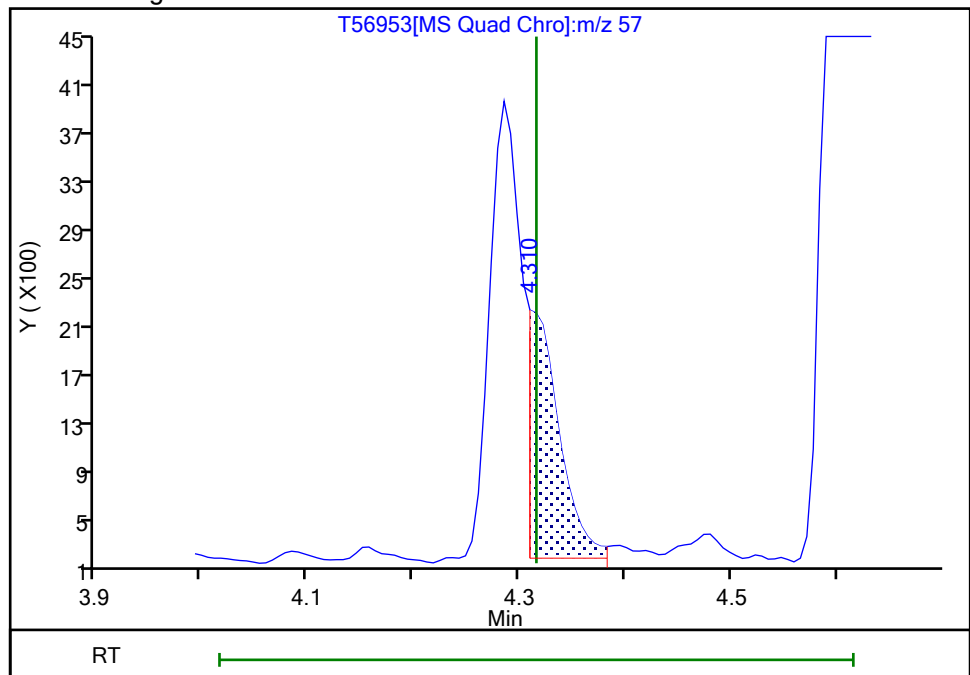
RT: 4.29  
Area: 11382  
Amount: 43.456967  
Amount Units: ug/l

## Processing Integration Results



RT: 4.31  
Area: 4130  
Amount: 15.768518  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 22-Oct-2021 14:22:29

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-822812/3 Calibration Date: 01/11/2022 17:44

Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18

Lab File ID: T60487.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
Monochloropentafluoroethane	Ave	0.0093	0.0050		10.7	20.0	-46.7*	20.0
Chlorotrifluoroethene	Ave	0.0875	0.0326		7.46	20.0	-62.7*	20.0
1,1-Difluoroethane	QuaF		0.1317		20.6	20.0	3.1	20.0
Dichlorodifluoromethane	Ave	0.2773	0.3134	0.1000	22.6	20.0	13.0	20.0
Chlorodifluoromethane	Ave	0.0518	0.0601		23.2	20.0	16.0	20.0
Chloromethane	Ave	0.3016	0.2925	0.1000	19.4	20.0	-3.0	20.0
Vinyl chloride	Ave	0.3062	0.3536	0.1000	23.1	20.0	15.5	20.0
Butadiene	Ave	0.2741	0.3066		22.4	20.0	11.9	20.0
Bromomethane	QuaF		0.8628	0.1000	21.8	20.0	9.2	50.0
Chloroethane	Ave	1.187	2.024	0.1000	34.1	20.0	70.6*	50.0
Dichlorofluoromethane	Ave	0.4167	0.5512		26.5	20.0	32.3*	20.0
Trichlorofluoromethane	Ave	0.3372	0.4549	0.1000	27.0	20.0	34.9*	20.0
Pentane	Ave	0.0354	0.0351		39.7	40.0	-0.9	20.0
Ethanol	Ave	0.3096	0.3811		985	800	23.1	50.0
Ethyl ether	Ave	0.2080	0.1981		19.0	20.0	-4.8	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2283	0.2590		22.7	20.0	13.4	20.0
2-Methyl-1,3-butadiene	Ave	0.2166	0.2485		23.0	20.0	14.8	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3806	0.4491		23.6	20.0	18.0	20.0
Acrolein	Ave	10.39	7.499		29.3	40.6	-27.9	50.0
1,1-Dichloroethene	Ave	0.2361	0.2668	0.1000	22.6	20.0	13.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2262	0.2508	0.1000	22.2	20.0	10.9	20.0
Acetone	Ave	0.6615	0.6532	0.0500	98.7	100	-1.3	50.0
Iodomethane	Ave	0.2093	0.2443		23.3	20.0	16.7	20.0
Carbon disulfide	Ave	0.8008	0.8817	0.1000	22.0	20.0	10.1	50.0
Isopropyl alcohol	QuaF		4.012		193	200	-3.4	50.0
Acetonitrile	Ave	0.1430	0.2041		286	200	42.8*	20.0
3-Chloro-1-propene	Ave	0.1693	0.2039		24.1	20.0	20.4*	20.0
Methyl acetate	Ave	0.1770	0.1647	0.1000	37.2	40.0	-7.0	20.0
Cyclopentene	Ave	0.6230	0.6917		22.2	20.0	11.0	20.0
Methylene Chloride	Ave	0.2808	0.2846	0.1000	20.3	20.0	1.3	20.0
2-Methyl-2-propanol	Ave	6.762	6.021		178	200	-11.0	50.0
Acrylonitrile	Ave	0.0991	0.0923		186	200	-6.9	20.0
Methyl tert-butyl ether	Ave	0.7407	0.6918	0.1000	18.7	20.0	-6.6	20.0
trans-1,2-Dichloroethene	Ave	0.2723	0.2997	0.1000	22.0	20.0	10.0	20.0
Hexane	Ave	0.2795	0.2735		19.6	20.0	-2.1	20.0
1,1-Dichloroethane	Ave	0.4826	0.5511	0.2000	22.8	20.0	14.2	20.0
Vinyl acetate	Ave	0.4626	0.4844		41.9	40.0	4.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2545	0.2856		22.4	20.0	12.2	20.0
Isopropyl ether	Ave	0.7636	0.7851		20.6	20.0	2.8	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-822812/3 Calibration Date: 01/11/2022 17:44

Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18

Lab File ID: T60487.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
Tert-butyl ethyl ether	Ave	0.7746	0.7064		18.2	20.0	-8.8	20.0
2,2-Dichloropropane	Ave	0.1005	0.1060		21.1	20.0	5.5	20.0
cis-1,2-Dichloroethene	Ave	0.2967	0.3145	0.1000	21.2	20.0	6.0	20.0
2-Butanone (MEK)	Ave	0.8494	0.9060	0.0500	107	100	6.7	50.0
Propionitrile	Ave	7.929	9.707		245	200	22.4*	20.0
Ethyl acetate	Ave	0.2605	0.2386		36.6	40.0	-8.4	20.0
Methyl acrylate	Ave	0.2911	0.2232		15.3	20.0	-23.3*	20.0
Methacrylonitrile	Ave	0.1136	0.1008		178	200	-11.2	20.0
Chlorobromomethane	Ave	0.1202	0.1398		23.3	20.0	16.3	20.0
Tetrahydrofuran	Ave	0.3231	0.3096		38.3	40.0	-4.2	20.0
Chloroform	Ave	0.4764	0.5164	0.2000	21.7	20.0	8.4	20.0
1,1,1-Trichloroethane	Ave	0.4192	0.4797	0.1000	22.9	20.0	14.4	20.0
Cyclohexane	Ave	0.3551	0.3591	0.1000	20.2	20.0	1.1	50.0
Carbon tetrachloride	Ave	0.3514	0.3988	0.1000	22.7	20.0	13.5	20.0
1,1-Dichloropropene	Ave	0.3888	0.4308		22.2	20.0	10.8	20.0
Isobutyl alcohol	Ave	2.000	1.985		496	500	-0.7	50.0
Benzene	Ave	1.534	1.570	0.5000	20.5	20.0	2.3	20.0
1,2-Dichloroethane	Ave	0.3534	0.3715	0.1000	21.0	20.0	5.1	20.0
Isooctane	Ave	0.4887	0.4789		19.6	20.0	-2.0	20.0
Isopropyl acetate	Ave	0.1050	0.0804		15.3	20.0	-23.5*	20.0
Tert-amyl methyl ether	Ave	0.7638	0.6574		17.2	20.0	-13.9	20.0
n-Heptane	Ave	0.2090	0.2195		21.0	20.0	5.0	20.0
Trichloroethene	Ave	0.2983	0.3141	0.2000	21.1	20.0	5.3	20.0
n-Butanol	QuaF		1.288		357	500	-28.6	50.0
Ethyl acrylate	Ave	0.5880	0.5247		17.8	20.0	-10.8	20.0
Methylcyclohexane	Ave	0.3375	0.3316	0.1000	19.7	20.0	-1.7	50.0
1,2-Dichloropropane	Ave	0.2754	0.2782	0.1000	20.2	20.0	1.0	20.0
Dibromomethane	Ave	0.1732	0.1765		20.4	20.0	1.9	20.0
1,4-Dioxane	Ave	1.108	1.178		425	400	6.3	50.0
Methyl methacrylate	Ave	0.0746	0.0601		32.2	40.0	-19.5	20.0
n-Propyl acetate	Ave	0.3567	0.2829		15.9	20.0	-20.7*	20.0
Dichlorobromomethane	Ave	0.3603	0.3811	0.2000	21.2	20.0	5.8	20.0
2-Nitropropane	Ave	0.0707	0.0567		32.1	40.0	-19.8	20.0
2-Chloroethyl vinyl ether	Ave	0.0465	0.0368		15.8	20.0	-21.0*	20.0
Epichlorohydrin	Ave	0.1897	0.2350		496	400	23.9*	20.0
cis-1,3-Dichloropropene	Ave	0.6342	0.6262	0.2000	19.7	20.0	-1.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.920	1.914	0.0500	99.7	100	-0.3	50.0
Toluene	Ave	1.610	1.606	0.4000	19.9	20.0	-0.3	20.0
trans-1,3-Dichloropropene	Ave	0.5867	0.5612	0.1000	19.1	20.0	-4.3	50.0
Ethyl methacrylate	Ave	0.4815	0.3688		15.3	20.0	-23.4*	20.0
1,1,2-Trichloroethane	Ave	0.2902	0.2755	0.1000	19.0	20.0	-5.1	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-822812/3 Calibration Date: 01/11/2022 17:44

Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18

Lab File ID: T60487.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
Tetrachloroethene	Ave	0.3371	0.3720	0.2000	22.1	20.0	10.3	20.0
1,3-Dichloropropane	Ave	0.5913	0.5673		19.2	20.0	-4.1	20.0
2-Hexanone	Ave	1.399	1.347	0.0500	96.3	100	-3.7	50.0
Chlorodibromomethane	Ave	0.3654	0.3669	0.1000	20.1	20.0	0.4	50.0
Ethylene Dibromide	Ave	0.3627	0.3439	0.1000	19.0	20.0	-5.2	20.0
n-Butyl acetate	Ave	0.5458	0.4394		16.1	20.0	-19.5	20.0
Chlorobenzene	Ave	0.9609	0.9771	0.5000	20.3	20.0	1.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3418	0.3408		19.9	20.0	-0.3	20.0
Ethylbenzene	Ave	0.5064	0.5107	0.1000	20.2	20.0	0.8	20.0
m-Xylene & p-Xylene	Ave	0.6278	0.6199	0.1000	19.7	20.0	-1.3	20.0
o-Xylene	Ave	0.5959	0.5897	0.3000	19.8	20.0	-1.0	20.0
Styrene	Ave	1.023	0.9801	0.3000	19.2	20.0	-4.2	20.0
n-Butyl acrylate	Ave	0.2930	0.2182		14.9	20.0	-25.5*	20.0
Bromoform	Ave	0.2295	0.2278	0.1000	19.8	20.0	-0.8	20.0
Amyl acetate (mixed isomers)	Ave	1.344	1.081		16.1	20.0	-19.6	20.0
Isopropylbenzene	Ave	1.470	1.499	0.1000	20.4	20.0	2.0	20.0
Bromobenzene	Ave	0.7632	0.7823		20.5	20.0	2.5	20.0
1,1,2,2-Tetrachloroethane	Ave	1.049	0.9027	0.3000	17.2	20.0	-14.0	20.0
1,2,3-Trichloropropane	Ave	0.3008	0.2517		16.7	20.0	-16.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2928	0.2659		18.2	20.0	-9.2	20.0
N-Propylbenzene	Ave	3.913	3.621		18.5	20.0	-7.5	20.0
2-Chlorotoluene	Ave	2.341	2.404		20.5	20.0	2.7	20.0
4-Ethyltoluene	Ave	2.972	2.886		19.4	20.0	-2.9	20.0
4-Chlorotoluene	Ave	2.705	2.678		19.8	20.0	-1.0	20.0
1,3,5-Trimethylbenzene	Ave	2.470	2.343		19.0	20.0	-5.1	20.0
Butyl Methacrylate	Ave	1.028	0.7761		15.1	20.0	-24.5*	20.0
tert-Butylbenzene	Ave	1.968	1.946		19.8	20.0	-1.1	20.0
1,2,4-Trimethylbenzene	Ave	2.500	2.409		19.3	20.0	-3.6	20.0
sec-Butylbenzene	Ave	2.854	2.846		19.9	20.0	-0.3	20.0
1,3-Dichlorobenzene	Ave	1.270	1.344	0.6000	21.2	20.0	5.8	20.0
1,4-Dichlorobenzene	Ave	1.324	1.395	0.5000	21.1	20.0	5.4	20.0
4-Isopropyltoluene	Ave	2.273	2.327		20.5	20.0	2.3	20.0
1,2,3-Trimethylbenzene	Ave	2.519	2.513		20.0	20.0	-0.2	20.0
Benzyl chloride	Ave	1.995	1.592		16.0	20.0	-20.2	50.0
Indan	Ave	2.385	2.367		19.8	20.0	-0.8	20.0
1,2-Dichlorobenzene	Ave	1.217	1.282	0.4000	21.1	20.0	5.4	20.0
p-Diethylbenzene	Ave	1.152	1.184		20.5	20.0	2.7	20.0
n-Butylbenzene	Ave	1.182	1.233		20.9	20.0	4.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2075	0.1552	0.0500	15.0	20.0	-25.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.945	1.960		20.2	20.0	0.8	20.0
1,3,5-Trichlorobenzene	Ave	0.6590	0.7478		22.7	20.0	13.5	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-822812/3 Calibration Date: 01/11/2022 17:44  
 Instrument ID: CVOAMS15 Calib Start Date: 10/22/2021 07:50  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/22/2021 10:18  
 Lab File ID: T60487.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
1,2,4-Trichlorobenzene	Ave	0.5966	0.6312	0.2000	21.2	20.0	5.8	20.0
Naphthalene	Ave	2.006	1.619		16.1	20.0	-19.3	50.0
Hexachlorobutadiene	Ave	0.2250	0.2645		23.5	20.0	17.5	20.0
1,2,3-Trichlorobenzene	Ave	0.4786	0.4813		20.1	20.0	0.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2534	0.2594		51.2	50.0	2.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2954	0.3092		52.3	50.0	4.7	20.0
Toluene-d8 (Surr)	Ave	1.346	1.275		47.3	50.0	-5.3	20.0
4-Bromofluorobenzene	Ave	0.3532	0.3676		52.0	50.0	4.1	20.0

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60487.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 11-Jan-2022 17:44:46 ALS Bottle#: 0 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0140098-003  
 Operator ID: Instrument ID: CVOAMS15  
 Sublist: chrom-8260W\_15\*sub18  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 10:57:07 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1619

First Level Reviewer: xuyvo

Date: 12-Jan-2022 10:57:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.603	0.603	0.000	37	1003	20.0	10.7	
3 Chlorotrifluoroethene	116	0.640	0.640	0.000	54	6587	20.0	7.46	
2 1,1-Difluoroethane	65	0.652	0.652	0.000	89	26582	20.0	20.6	
4 Dichlorodifluoromethane	85	0.658	0.658	0.000	81	63283	20.0	22.6	
5 Chlorodifluoromethane	67	0.670	0.670	0.000	79	12132	20.0	23.2	
6 Chloromethane	50	0.737	0.737	0.000	89	59058	20.0	19.4	
7 Vinyl chloride	62	0.768	0.768	0.000	99	71389	20.0	23.1	
8 Butadiene	54	0.780	0.780	0.000	96	61908	20.0	22.4	
9 Bromomethane	94	0.890	0.890	0.000	98	18009	20.0	21.8	
10 Chloroethane	64	0.932	0.932	0.000	97	42245	20.0	34.1	
11 Dichlorofluoromethane	67	1.018	1.018	0.000	91	111294	20.0	26.5	
12 Trichlorofluoromethane	101	1.042	1.042	0.000	100	91842	20.0	27.0	
13 Pentane	72	1.072	1.072	0.000	96	14164	40.0	39.7	
14 Ethanol	46	1.127	1.127	0.000	92	11475	800.0	985.0	
15 Ethyl ether	59	1.164	1.164	0.000	59	39996	20.0	19.0	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.170	1.170	0.000	80	52287	20.0	22.7	
17 2-Methyl-1,3-butadiene	53	1.176	1.176	0.000	82	50179	20.0	23.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.201	1.201	0.000	88	90679	20.0	23.6	
19 Acrolein	56	1.219	1.219	0.000	85	11447	40.6	29.3	
20 1,1-Dichloroethene	96	1.268	1.268	0.000	89	53878	20.0	22.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.274	1.274	0.000	76	50637	20.0	22.2	
22 Acetone	43	1.292	1.292	0.000	86	68169	100.0	98.7	
23 Iodomethane	142	1.335	1.335	0.000	100	49332	20.0	23.3	
24 Carbon disulfide	76	1.365	1.365	0.000	99	178026	20.0	22.0	
25 Isopropyl alcohol	45	1.365	1.365	0.000	32	30194	200.0	193.1	
26 Acetonitrile	40	1.426	1.426	0.000	88	42597	200.0	285.5	
27 3-Chloro-1-propene	76	1.438	1.438	0.000	92	41160	20.0	24.1	
28 Methyl acetate	43	1.450	1.450	0.000	97	66519	40.0	37.2	
29 Cyclopentene	67	1.481	1.481	0.000	95	139661	20.0	22.2	
30 Methylene Chloride	84	1.499	1.499	0.000	87	57457	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.524	1.524	0.000	0	37633	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	98	45318	200.0	178.1	
33 Acrylonitrile	53	1.627	1.627	0.000	93	186263	200.0	186.2	
34 trans-1,2-Dichloroethene	96	1.646	1.646	0.000	73	60502	20.0	22.0	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	96	139674	20.0	18.7	
36 Hexane	57	1.804	1.804	0.000	93	55231	20.0	19.6	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	111275	20.0	22.8	
38 Vinyl acetate	86	1.920	1.920	0.000	99	20220	40.0	41.9	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	75	57662	20.0	22.4	
40 Isopropyl ether	45	1.932	1.932	0.000	78	158513	20.0	20.6	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	142621	20.0	18.2	
* 42 2-Butanone-d5	46	2.219	2.219	0.000	0	260900	250.0	250.0	
44 2,2-Dichloropropane	97	2.237	2.237	0.000	82	21395	20.0	21.1	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	87	63493	20.0	21.2	
45 2-Butanone (MEK)	43	2.255	2.255	0.000	99	94552	100.0	106.7	
46 Propionitrile	54	2.292	2.292	0.000	98	73062	200.0	244.8	
47 Ethyl acetate	70	2.310	2.310	0.000	99	9960	40.0	36.6	
48 Methyl acrylate	55	2.328	2.328	0.000	93	45073	20.0	15.3	
50 Methacrylonitrile	67	2.395	2.395	0.000	91	203577	200.0	177.6	
49 Chlorobromomethane	128	2.402	2.402	0.000	49	28226	20.0	23.3	
51 Tetrahydrofuran	72	2.438	2.438	0.000	76	12924	40.0	38.3	
52 Chloroform	83	2.469	2.469	0.000	93	104262	20.0	21.7	
\$ 53 Dibromofluoromethane (Surr)	113	2.584	2.584	0.000	0	130943	50.0	51.2	
54 1,1,1-Trichloroethane	97	2.591	2.591	0.000	86	96852	20.0	22.9	
55 Cyclohexane	84	2.633	2.633	0.000	91	72501	20.0	20.2	
56 Carbon tetrachloride	117	2.712	2.712	0.000	84	80526	20.0	22.7	
57 1,1-Dichloropropene	75	2.719	2.719	0.000	94	86983	20.0	22.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	156097	50.0	52.3	
59 Isobutyl alcohol	43	2.865	2.865	0.000	44	37355	500.0	496.3	
60 Benzene	78	2.871	2.871	0.000	97	228772	20.0	20.5	
61 1,2-Dichloroethane	62	2.889	2.889	0.000	76	75000	20.0	21.0	
62 Isooctane	57	2.968	2.968	0.000	86	96691	20.0	19.6	
63 Isopropyl acetate	61	2.987	2.987	0.000	90	16228	20.0	15.3	
64 Tert-amyl methyl ether	73	2.993	2.993	0.000	83	132733	20.0	17.2	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	504769	50.0	50.0	
66 n-Heptane	43	3.139	3.139	0.000	82	44327	20.0	21.0	
67 Trichloroethene	95	3.438	3.438	0.000	95	63411	20.0	21.1	
68 n-Butanol	56	3.462	3.462	0.000	90	24240	500.0	357.1	
69 Ethyl acrylate	55	3.596	3.596	0.000	95	105949	20.0	17.8	
70 Methylcyclohexane	83	3.609	3.609	0.000	89	66954	20.0	19.7	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	86	56171	20.0	20.2	
72 Dibromomethane	93	3.743	3.743	0.000	68	35633	20.0	20.4	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	29438	1000.0	1000.0	
74 1,4-Dioxane	88	3.792	3.792	0.000	56	13868	400.0	425.2	
75 Methyl methacrylate	100	3.810	3.810	0.000	90	24257	40.0	32.2	
76 n-Propyl acetate	43	3.895	3.895	0.000	98	57114	20.0	15.9	
77 Dichlorobromomethane	83	3.920	3.920	0.000	96	76954	20.0	21.2	
78 2-Nitropropane	41	4.163	4.163	0.000	98	22901	40.0	32.1	
79 2-Chloroethyl vinyl ether	106	4.285	4.285	0.000	93	7445	20.0	15.8	
80 Epichlorohydrin	57	4.316	4.316	0.000	98	98099	400.0	495.6	
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	88	91255	20.0	19.7	
82 4-Methyl-2-pentanone (MIBK)	43	4.615	4.615	0.000	96	199746	100.0	99.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	464344	50.0	47.3	
84 Toluene	91	4.761	4.761	0.000	93	233979	20.0	19.9	
85 trans-1,3-Dichloropropene	75	5.066	5.066	0.000	94	81775	20.0	19.1	
86 Ethyl methacrylate	69	5.255	5.255	0.000	85	53746	20.0	15.3	
87 1,1,2-Trichloroethane	83	5.267	5.267	0.000	90	40140	20.0	19.0	
88 Tetrachloroethene	166	5.407	5.407	0.000	87	54206	20.0	22.1	
89 1,3-Dichloropropane	76	5.462	5.462	0.000	93	82668	20.0	19.2	
90 2-Hexanone	43	5.651	5.651	0.000	96	140616	100.0	96.3	
91 Chlorodibromomethane	129	5.736	5.736	0.000	96	53468	20.0	20.1	
92 Ethylene Dibromide	107	5.840	5.840	0.000	97	50111	20.0	19.0	
93 n-Butyl acetate	43	5.883	5.883	0.000	98	64028	20.0	16.1	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	364310	50.0	50.0	
95 Chlorobenzene	112	6.529	6.529	0.000	92	142387	20.0	20.3	
96 1,1,1,2-Tetrachloroethane	131	6.675	6.675	0.000	90	49665	20.0	19.9	
97 Ethylbenzene	106	6.742	6.742	0.000	99	74414	20.0	20.2	
98 m-Xylene & p-Xylene	106	6.919	6.919	0.000	92	90337	20.0	19.7	
99 o-Xylene	106	7.480	7.480	0.000	92	85933	20.0	19.8	
100 Styrene	104	7.510	7.510	0.000	92	142818	20.0	19.2	
101 n-Butyl acrylate	73	7.614	7.614	0.000	97	31790	20.0	14.9	
102 Bromoform	173	7.718	7.718	0.000	92	33189	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	7.998	7.998	0.000	91	77278	20.0	16.1	
104 Isopropylbenzene	105	8.077	8.077	0.000	96	218443	20.0	20.4	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	133908	50.0	52.0	
106 Bromobenzene	156	8.425	8.425	0.000	97	55933	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	8.589	8.589	0.000	90	64537	20.0	17.2	
108 1,2,3-Trichloropropane	110	8.589	8.589	0.000	85	17998	20.0	16.7	
109 trans-1,4-Dichloro-2-butene	53	8.681	8.681	0.000	87	19010	20.0	18.2	
110 N-Propylbenzene	91	8.724	8.724	0.000	98	258855	20.0	18.5	
111 2-Chlorotoluene	91	8.772	8.772	0.000	96	171842	20.0	20.5	
112 4-Ethyltoluene	105	8.919	8.919	0.000	98	206321	20.0	19.4	
113 4-Chlorotoluene	91	8.961	8.961	0.000	99	191448	20.0	19.8	
114 1,3,5-Trimethylbenzene	105	9.034	9.034	0.000	91	167532	20.0	19.0	
115 Butyl Methacrylate	87	9.351	9.351	0.000	92	55487	20.0	15.1	
116 tert-Butylbenzene	119	9.534	9.534	0.000	90	139096	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	9.614	9.614	0.000	98	172246	20.0	19.3	
118 sec-Butylbenzene	105	9.894	9.894	0.000	98	203447	20.0	19.9	
119 1,3-Dichlorobenzene	146	9.967	9.967	0.000	94	96073	20.0	21.2	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	178737	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.126	10.126	0.000	90	99751	20.0	21.1	
122 4-Isopropyltoluene	119	10.181	10.181	0.000	88	166339	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	10.272	10.272	0.000	99	179667	20.0	20.0	
124 Benzyl chloride	91	10.394	10.394	0.000	98	113820	20.0	16.0	
125 2,3-Dihydroindene	117	10.546	10.546	0.000	93	169250	20.0	19.8	
126 1,2-Dichlorobenzene	146	10.711	10.711	0.000	94	91692	20.0	21.1	
127 p-Diethylbenzene	119	10.827	10.827	0.000	89	84635	20.0	20.5	
128 n-Butylbenzene	92	10.857	10.857	0.000	97	88159	20.0	20.9	
129 1,2-Dibromo-3-Chloropropane	157	11.881	11.881	0.000	94	11097	20.0	15.0	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	96	140136	20.0	20.2	
131 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	93	53465	20.0	22.7	
132 1,2,4-Trichlorobenzene	180	12.772	12.772	0.000	93	45125	20.0	21.2	
134 Naphthalene	128	12.979	12.979	0.000	99	115778	20.0	16.1	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	0	18907	20.0	23.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.204	13.204	0.000	0	34413	20.0	20.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.2	
S 137 Xylenes, Total	100				0		40.0	39.5	
S 140 Total BTEX	1				0		100.0	100.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.9	

### QC Flag Legend

Processing Flags

### Reagents:

8260MIX1COMB_00149	Amount Added: 20.00	Units: uL	
ACROLEIN W_00135	Amount Added: 4.00	Units: uL	
524freon_00047	Amount Added: 20.00	Units: uL	
GASES Li_00458	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60487.D

Injection Date: 11-Jan-2022 17:44:46

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 3

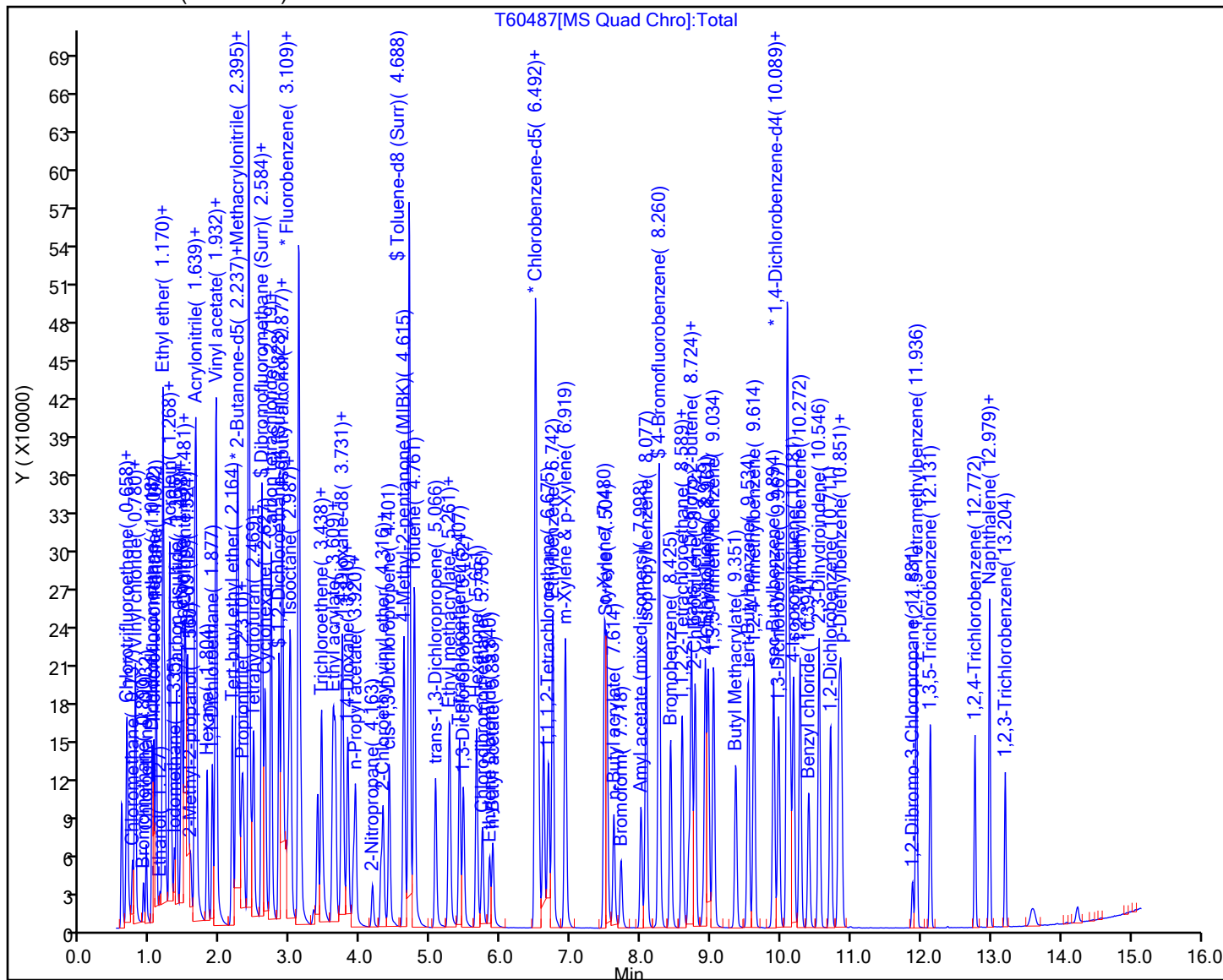
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-822855/15 Calibration Date: 01/12/2022 03:10

Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26

Lab File ID: TT49286.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
Monochloropentafluoroethane	Lin		0.0654		29.8	20.0	49.2*	30.0
Chlorotrifluoroethene	Ave	0.1297	0.1534		23.7	20.0	18.3	30.0
1,1-Difluoroethane	Ave	0.2934	0.3713		25.3	20.0	26.6	30.0
Dichlorodifluoromethane	Ave	0.6325	0.7308	0.1000	23.1	20.0	15.5	30.0
Chlorodifluoromethane	Ave	0.1172	0.1186		20.2	20.0	1.2	30.0
Chloromethane	Ave	0.8753	1.014	0.1000	23.2	20.0	15.9	30.0
Butadiene	Ave	0.7536	0.7262		19.3	20.0	-3.6	30.0
Vinyl chloride	Ave	0.7955	0.8604	0.1000	21.6	20.0	8.2	30.0
Bromomethane	Ave	3.693	3.959	0.1000	21.4	20.0	7.2	30.0
Chloroethane	Ave	3.950	3.894	0.1000	19.7	20.0	-1.4	30.0
Dichlorofluoromethane	Ave	1.085	1.125		20.7	20.0	3.7	30.0
Pentane	Ave	0.0735	0.0906		49.3	40.0	23.3	30.0
Trichlorofluoromethane	Ave	0.6920	0.7199	0.1000	20.8	20.0	4.0	30.0
Ethanol	Ave	0.3457	0.3279		759	800	-5.1	30.0
Ethyl ether	Ave	0.2504	0.2784		22.2	20.0	11.2	30.0
2-Methyl-1,3-butadiene	Ave	0.4855	0.5319		21.9	20.0	9.5	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3593	0.3704		20.6	20.0	3.1	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.6792	0.6855		20.2	20.0	0.9	30.0
Acrolein	Ave	0.0493	0.0697		56.5	40.1	41.2*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4145	0.4491	0.1000	21.7	20.0	8.4	30.0
1,1-Dichloroethene	Ave	0.4260	0.4409	0.1000	20.7	20.0	3.5	30.0
Acetone	Lin2		1.034	0.0500	92.6	100	-7.4	30.0
Iodomethane	Ave	0.6793	0.7433		21.9	20.0	9.4	30.0
Carbon disulfide	Ave	1.902	1.988	0.1000	20.9	20.0	4.5	30.0
Isopropyl alcohol	Ave	4.017	2.760		137	200	-31.3*	30.0
3-Chloro-1-propene	Ave	0.2951	0.3226		21.9	20.0	9.3	30.0
Cyclopentene	Ave	1.167	1.266		21.7	20.0	8.5	30.0
Methyl acetate	Ave	0.3789	0.4213	0.1000	44.5	40.0	11.2	30.0
Acetonitrile	Ave	0.5356	0.5435		203	200	1.5	30.0
Methylene Chloride	Ave	0.5272	0.5648	0.1000	21.4	20.0	7.1	30.0
2-Methyl-2-propanol	Ave	11.47	11.55		201	200	0.7	30.0
Methyl tert-butyl ether	Ave	1.244	1.357	0.1000	21.8	20.0	9.1	30.0
trans-1,2-Dichloroethene	Ave	0.4689	0.4914	0.1000	21.0	20.0	4.8	30.0
Acrylonitrile	Ave	0.1808	0.1944		215	200	7.5	30.0
Hexane	Ave	0.6779	0.7376		21.8	20.0	8.8	30.0
Isopropyl ether	Ave	1.987	2.166		21.8	20.0	9.0	30.0
1,1-Dichloroethane	Ave	0.9684	1.025	0.2000	21.2	20.0	5.8	30.0
Vinyl acetate	Ave	0.5879	0.6225		42.4	40.0	5.9	30.0
2-Chloro-1,3-butadiene	Ave	0.3966	0.3688		18.6	20.0	-7.0	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-822855/15 Calibration Date: 01/12/2022 03:10

Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26

Lab File ID: TT49286.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
Tert-butyl ethyl ether	Ave	1.533	1.716		22.4	20.0	11.9	30.0
2,2-Dichloropropane	Ave	0.1574	0.1632		20.7	20.0	3.7	30.0
cis-1,2-Dichloroethene	Ave	0.5022	0.5397	0.1000	21.5	20.0	7.5	30.0
2-Butanone (MEK)	Ave	0.3315	0.3280	0.0500	98.9	100	-1.1	30.0
Ethyl acetate	Ave	0.3044	0.3325		43.7	40.0	9.2	30.0
Methyl acrylate	Ave	0.3431	0.3604		21.0	20.0	5.0	30.0
Propionitrile	Ave	20.28	20.94		207	200	3.3	30.0
Chlorobromomethane	Ave	0.2187	0.2276		20.8	20.0	4.1	30.0
Tetrahydrofuran	Ave	0.3972	0.4216		42.5	40.0	6.1	30.0
Methacrylonitrile	Ave	0.1526	0.1477		194	200	-3.2	30.0
Chloroform	Ave	0.7986	0.8724	0.2000	21.8	20.0	9.2	30.0
Cyclohexane	Ave	0.6655	0.6955	0.1000	20.9	20.0	4.5	30.0
1,1,1-Trichloroethane	Ave	0.6558	0.6901	0.1000	21.0	20.0	5.2	30.0
Carbon tetrachloride	Ave	0.5252	0.5500	0.1000	20.9	20.0	4.7	30.0
1,1-Dichloropropene	Ave	0.6255	0.6565		21.0	20.0	5.0	30.0
Isobutyl alcohol	Ave	9.171	8.264		451	500	-9.9	30.0
Isooctane	Ave	1.766	1.612		18.3	20.0	-8.7	30.0
Benzene	Ave	2.900	3.171	0.5000	21.9	20.0	9.3	30.0
Tert-amyl methyl ether	Ave	1.373	1.534		22.4	20.0	11.8	30.0
Isopropyl acetate	Ave	0.2264	0.2483		21.9	20.0	9.7	30.0
1,2-Dichloroethane	Ave	0.5941	0.6146	0.1000	20.7	20.0	3.5	30.0
n-Heptane	Ave	0.1005	0.1082		21.5	20.0	7.6	30.0
n-Butanol	Ave	1.729	1.462		423	500	-15.4	30.0
Trichloroethene	Ave	0.4218	0.4306	0.2000	20.4	20.0	2.1	30.0
Methylcyclohexane	Ave	0.7483	0.7794	0.1000	20.8	20.0	4.1	30.0
Ethyl acrylate	QuaF		0.0531		18.3	20.0	-8.3	30.0
1,2-Dichloropropane	Ave	0.4903	0.5282	0.1000	21.5	20.0	7.7	30.0
Methyl methacrylate	Ave	0.0743	0.0802		43.2	40.0	8.0	30.0
1,4-Dioxane	QuaF		1.483		506	400	26.4	30.0
Dibromomethane	Ave	0.2416	0.2525		20.9	20.0	4.5	30.0
n-Propyl acetate	Ave	0.5497	0.6113		22.2	20.0	11.2	30.0
Dichlorobromomethane	Ave	0.5430	0.5676	0.2000	20.9	20.0	4.5	30.0
2-Nitropropane	QuaF		0.0817		30.5	40.0	-23.8	30.0
2-Chloroethyl vinyl ether	Ave	0.2262	0.2266		20.0	20.0	0.2	30.0
Epichlorohydrin	Ave	0.2702	0.3088		22.9	20.0	14.3	30.0
cis-1,3-Dichloropropene	Ave	0.998	1.039	0.2000	20.8	20.0	4.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.274	1.416	0.0500	111	100	11.2	30.0
Toluene	Ave	2.692	2.820	0.4000	21.0	20.0	4.8	30.0
trans-1,3-Dichloropropene	Ave	0.8245	0.8732	0.1000	21.2	20.0	5.9	30.0
Ethyl methacrylate	Ave	0.7122	0.7828		22.0	20.0	9.9	30.0
1,1,2-Trichloroethane	Ave	0.4393	0.4869	0.1000	22.2	20.0	10.8	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-822855/15 Calibration Date: 01/12/2022 03:10

Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26

Lab File ID: TT49286.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
Tetrachloroethene	Ave	0.5398	0.5670	0.2000	21.0	20.0	5.0	30.0
1,3-Dichloropropane	Ave	0.8763	0.9284		21.2	20.0	5.9	30.0
2-Hexanone	Ave	2.028	2.172	0.0500	107	100	7.1	30.0
n-Butyl acetate	Ave	1.065	1.167		21.9	20.0	9.5	30.0
Chlorodibromomethane	Ave	0.4721	0.5160	0.1000	21.9	20.0	9.3	30.0
Ethylene Dibromide	Ave	0.4322	0.4672	0.1000	21.6	20.0	8.1	30.0
Chlorobenzene	Ave	1.524	1.640	0.5000	21.5	20.0	7.6	30.0
Ethylbenzene	Ave	0.8566	0.9322	0.1000	21.8	20.0	8.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6193	0.6699		21.6	20.0	8.2	30.0
m-Xylene & p-Xylene	Ave	1.036	1.139	0.1000	22.0	20.0	9.9	30.0
o-Xylene	Ave	1.078	1.235	0.3000	22.9	20.0	14.6	30.0
n-Butyl acrylate	Ave	0.4342	0.4881		22.5	20.0	12.4	30.0
Styrene	Ave	1.553	1.758	0.3000	22.6	20.0	13.2	30.0
Bromoform	Ave	0.2809	0.3016	0.1000	21.5	20.0	7.4	30.0
Amyl acetate (mixed isomers)	QuaF		3.013		16.5	20.0	-17.5	30.0
Isopropylbenzene	Ave	2.913	3.342	0.1000	22.9	20.0	14.7	30.0
Bromobenzene	Ave	1.183	1.255		21.2	20.0	6.1	30.0
1,1,2,2-Tetrachloroethane	Ave	1.393	1.548	0.3000	22.2	20.0	11.1	30.0
N-Propylbenzene	Ave	7.165	8.040		22.4	20.0	12.2	30.0
1,2,3-Trichloropropane	Ave	0.3389	0.3751		22.1	20.0	10.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3549	0.4018		22.6	20.0	13.2	30.0
2-Chlorotoluene	Ave	4.854	5.430		22.4	20.0	11.9	30.0
4-Ethyltoluene	Ave	5.263	6.191		23.5	20.0	17.6	30.0
1,3,5-Trimethylbenzene	Ave	4.696	5.429		23.1	20.0	15.6	30.0
4-Chlorotoluene	Ave	4.449	4.997		22.5	20.0	12.3	30.0
Butyl Methacrylate	QuaF		1.675		16.0	20.0	-19.8	30.0
tert-Butylbenzene	QuaF		3.959		16.8	20.0	-16.1	30.0
1,2,4-Trimethylbenzene	Ave	4.795	5.548		23.1	20.0	15.7	30.0
sec-Butylbenzene	Ave	6.246	7.041		22.5	20.0	12.7	30.0
1,3-Dichlorobenzene	Ave	2.371	2.526	0.6000	21.3	20.0	6.6	30.0
4-Isopropyltoluene	Ave	5.012	5.687		22.7	20.0	13.5	30.0
1,4-Dichlorobenzene	Ave	2.388	2.525	0.5000	21.1	20.0	5.7	30.0
1,2,3-Trimethylbenzene	Ave	5.130	4.961		19.3	20.0	-3.3	30.0
Benzyl chloride	Ave	2.275	2.217		19.5	20.0	-2.5	30.0
Indan	Ave	4.578	5.261		23.0	20.0	14.9	30.0
p-Diethylbenzene	Ave	2.695	3.560		26.4	20.0	32.1*	30.0
n-Butylbenzene	Ave	3.047	3.437		22.6	20.0	12.8	30.0
1,2-Dichlorobenzene	Ave	2.410	2.607	0.4000	21.6	20.0	8.2	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.666	5.267		22.6	20.0	12.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2334	0.2420	0.0500	20.7	20.0	3.7	30.0
1,3,5-Trichlorobenzene	Ave	2.064	1.884		18.3	20.0	-8.7	30.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-822855/15 Calibration Date: 01/12/2022 03:10  
 Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26  
 Lab File ID: TT49286.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
1,2,4-Trichlorobenzene	Ave	1.993	2.102	0.2000	21.1	20.0	5.5	30.0
Hexachlorobutadiene	Ave	0.7512	0.7939		21.1	20.0	5.7	30.0
Naphthalene	Ave	4.315	4.717		21.9	20.0	9.3	30.0
1,2,3-Trichlorobenzene	Ave	1.821	1.896		20.8	20.0	4.1	30.0
Dibromofluoromethane (Surr)	Ave	0.2448	0.2505		51.2	50.0	2.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3236	0.3173		49.0	50.0	-1.9	30.0
Toluene-d8 (Surr)	Ave	1.350	1.399		51.8	50.0	3.6	30.0
4-Bromofluorobenzene	Ave	0.3438	0.3461		50.3	50.0	0.7	30.0

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D  
 Lims ID: ICV  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 12-Jan-2022 03:10:30 ALS Bottle#: 14 Worklist Smp#: 15  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: ICV  
 Misc. Info.: 460-0140108-015  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist:  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:44:20 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 12-Jan-2022 03:49:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.178	-0.013	72	14819	20.0	29.8	
3 Chlorotrifluoroethene	116	1.245	1.251	-0.006	87	34772	20.0	23.7	
2 1,1-Difluoroethane	65	1.257	1.269	-0.012	91	84157	20.0	25.3	
4 Dichlorodifluoromethane	85	1.281	1.293	-0.012	97	165637	20.0	23.1	
5 Chlorodifluoromethane	67	1.293	1.299	-0.006	99	26883	20.0	20.2	a
6 Chloromethane	50	1.428	1.434	-0.006	99	229855	20.0	23.2	
8 Butadiene	54	1.501	1.507	-0.006	93	164611	20.0	19.3	
7 Vinyl chloride	62	1.501	1.513	-0.012	85	195012	20.0	21.6	
9 Bromomethane	94	1.745	1.757	-0.012	99	108687	20.0	21.4	
10 Chloroethane	64	1.799	1.805	-0.006	99	106909	20.0	19.7	
11 Dichlorofluoromethane	67	1.958	1.970	-0.012	99	255074	20.0	20.7	
13 Pentane	72	1.970	1.976	-0.006	96	41084	40.0	49.3	
12 Trichlorofluoromethane	101	1.970	1.976	-0.006	50	163183	20.0	20.8	
15 Ethyl ether	74	2.141	2.153	-0.012	92	63105	20.0	22.2	
14 Ethanol	46	2.141	2.153	-0.012	80	9068	800.0	758.8	
16 2-Methyl-1,3-butadiene	53	2.159	2.165	-0.006	97	120556	20.0	21.9	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.202	2.208	-0.006	97	83955	20.0	20.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.251	2.257	-0.006	92	155368	20.0	20.2	a
19 Acrolein	56	2.299	2.305	-0.006	53	31619	40.1	56.5	
20 112TCTFE	101	2.311	2.318	-0.007	89	101787	20.0	21.7	
21 1,1-Dichloroethene	96	2.324	2.330	-0.006	94	99945	20.0	20.7	
22 Acetone	43	2.415	2.421	-0.006	85	141920	100.0	92.6	
23 Iodomethane	142	2.464	2.470	-0.006	99	168477	20.0	21.9	
25 Isopropyl alcohol	45	2.494	2.494	0.000	28	19084	200.0	137.4	a
24 Carbon disulfide	76	2.488	2.500	-0.012	100	450704	20.0	20.9	
26 3-Chloro-1-propene	76	2.604	2.610	-0.006	86	73112	20.0	21.9	
28 Cyclopentene	67	2.622	2.628	-0.006	95	286903	20.0	21.7	
27 Methyl acetate	43	2.622	2.635	-0.013	98	190967	40.0	44.5	
29 Acetonitrile	41	2.689	2.696	-0.007	96	149201	200.0	202.9	
30 Methylene Chloride	84	2.726	2.732	-0.006	97	128024	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.720	2.744	-0.024	49	34571	1000.0	1000.0	Ma
32 2-Methyl-2-propanol	59	2.793	2.793	0.000	91	79871	200.0	201.5	a
33 Methyl tert-butyl ether	73	2.866	2.872	-0.006	97	307546	20.0	21.8	
34 trans-1,2-Dichloroethene	96	2.891	2.897	-0.006	99	111377	20.0	21.0	
35 Acrylonitrile	53	2.964	2.976	-0.012	93	440609	200.0	215.0	
36 Hexane	57	3.031	3.037	-0.006	94	167185	20.0	21.8	
37 Isopropyl ether	45	3.232	3.232	0.000	95	491008	20.0	21.8	
38 1,1-Dichloroethane	63	3.256	3.262	-0.006	99	232225	20.0	21.2	
39 Vinyl acetate	86	3.269	3.262	0.007	100	34182	40.0	42.4	
40 2-Chloro-1,3-butadiene	88	3.299	3.305	-0.006	93	83593	20.0	18.6	
41 Tert-butyl ethyl ether	59	3.519	3.525	-0.006	87	388948	20.0	22.4	
* 42 2-Butanone-d5	46	3.701	3.701	0.000	92	343171	250.0	250.0	
43 2,2-Dichloropropane	97	3.726	3.726	0.000	95	36992	20.0	20.7	
44 cis-1,2-Dichloroethene	96	3.738	3.744	-0.006	94	122328	20.0	21.5	
45 2-Butanone (MEK)	72	3.750	3.750	0.000	94	45021	100.0	98.9	
46 Ethyl acetate	70	3.750	3.756	-0.006	97	18256	40.0	43.7	
47 Methyl acrylate	55	3.799	3.799	0.000	98	81679	20.0	21.0	a
48 Propionitrile	54	3.890	3.878	0.012	97	144807	200.0	206.5	
50 Tetrahydrofuran	72	3.951	3.945	0.006	85	23148	40.0	42.5	
49 Chlorobromomethane	128	3.951	3.957	-0.006	95	51581	20.0	20.8	
51 Methacrylonitrile	67	3.976	3.970	0.006	97	334706	200.0	193.5	
52 Chloroform	83	4.000	4.006	-0.006	98	197747	20.0	21.8	
53 Cyclohexane	84	4.116	4.116	0.000	97	157634	20.0	20.9	
54 1,1,1-Trichloroethane	97	4.134	4.134	0.000	97	156408	20.0	21.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.153	4.153	0.000	95	141930	50.0	51.2	
56 Carbon tetrachloride	117	4.244	4.250	-0.006	96	124656	20.0	20.9	
57 1,1-Dichloropropene	75	4.275	4.274	0.001	92	148811	20.0	21.0	
59 Isooctane	57	4.433	4.433	0.000	97	365437	20.0	18.3	
58 Isobutyl alcohol	43	4.427	4.433	-0.006	47	142840	500.0	450.5	a
60 Benzene	78	4.464	4.463	0.001	98	442401	20.0	21.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	97	179815	50.0	49.0	
62 Tert-amyl methyl ether	73	4.531	4.531	0.000	77	347735	20.0	22.4	
63 Isopropyl acetate	61	4.537	4.537	0.000	93	56285	20.0	21.9	
64 1,2-Dichloroethane	62	4.549	4.549	0.000	96	139307	20.0	20.7	
65 n-Heptane	100	4.610	4.616	-0.006	98	24517	20.0	21.5	
* 66 Fluorobenzene	96	4.738	4.738	0.000	97	566651	50.0	50.0	
67 n-Butanol	56	5.055	5.055	0.000	93	25273	500.0	422.8	
68 Trichloroethene	95	5.073	5.073	0.000	95	97598	20.0	20.4	
69 Methylcyclohexane	83	5.189	5.189	0.000	87	176651	20.0	20.8	
70 Ethyl acrylate	99	5.201	5.195	0.006	96	12027	20.0	18.3	
71 1,2-Dichloropropane	63	5.347	5.354	-0.007	89	119730	20.0	21.5	
* 72 1,4-Dioxane-d8	96	5.421	5.421	0.000	85	16426	1000.0	1000.0	
73 Methyl methacrylate	100	5.433	5.439	-0.006	95	36347	40.0	43.2	
75 1,4-Dioxane	88	5.469	5.475	-0.006	40	9746	400.0	505.7	
74 Dibromomethane	93	5.469	5.475	-0.006	91	57227	20.0	20.9	
76 n-Propyl acetate	43	5.494	5.494	0.000	98	138561	20.0	22.2	
77 Dichlorobromomethane	83	5.628	5.628	0.000	98	128649	20.0	20.9	
78 2-Nitropropane	41	5.957	5.957	0.000	77	37036	40.0	30.5	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	78	51366	20.0	20.0	
80 Epichlorohydrin	57	6.061	6.061	0.000	94	8478	20.0	22.9	
81 cis-1,3-Dichloropropene	75	6.110	6.109	0.001	98	144999	20.0	20.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	98	194365	100.0	111.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.341	6.347	-0.006	98	487990	50.0	51.8	
84 Toluene	91	6.420	6.420	0.000	94	393499	20.0	21.0	
85 trans-1,3-Dichloropropene	75	6.768	6.768	0.000	98	121821	20.0	21.2	
86 Ethyl methacrylate	69	6.811	6.817	-0.006	95	109208	20.0	22.0	
87 1,1,2-Trichloroethane	83	6.981	6.975	0.006	95	67928	20.0	22.2	
88 Tetrachloroethene	166	7.006	7.006	0.000	92	79108	20.0	21.0	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	98	129520	20.0	21.2	
90 2-Hexanone	43	7.262	7.262	0.000	99	298163	100.0	107.1	
91 n-Butyl acetate	43	7.378	7.378	0.000	97	162756	20.0	21.9	
92 Chlorodibromomethane	129	7.402	7.402	0.000	97	71985	20.0	21.9	
93 Ethylene Dibromide	107	7.542	7.548	-0.006	99	65185	20.0	21.6	
* 94 Chlorobenzene-d5	117	8.085	8.085	0.000	93	348790	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	90	228871	20.0	21.5	
96 Ethylbenzene	106	8.231	8.231	0.000	100	130058	20.0	21.8	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	93	93468	20.0	21.6	
98 m-Xylene & p-Xylene	106	8.390	8.390	0.000	99	158915	20.0	22.0	
99 o-Xylene	106	8.908	8.908	0.000	92	172305	20.0	22.9	
100 n-Butyl acrylate	73	8.926	8.926	0.000	94	68094	20.0	22.5	
101 Styrene	104	8.944	8.950	-0.006	91	245265	20.0	22.6	
102 Bromoform	173	9.200	9.206	-0.006	93	42080	20.0	21.5	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	87	215600	20.0	16.5	
104 Isopropylbenzene	105	9.365	9.371	-0.006	97	466253	20.0	22.9	
\$ 105 4-Bromofluorobenzene	174	9.597	9.597	0.000	0	120733	50.0	50.3	
106 Bromobenzene	156	9.743	9.743	0.000	91	89832	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	99	110809	20.0	22.2	
108 N-Propylbenzene	91	9.847	9.847	0.000	98	575355	20.0	22.4	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	96	26846	20.0	22.1	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	81	28752	20.0	22.6	a
111 2-Chlorotoluene	91	9.950	9.956	-0.006	97	388604	20.0	22.4	
112 4-Ethyltoluene	105	9.975	9.981	-0.006	97	443045	20.0	23.5	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	91	388540	20.0	23.1	
114 4-Chlorotoluene	91	10.084	10.084	0.000	99	357573	20.0	22.5	
115 Butyl Methacrylate	87	10.188	10.188	0.000	96	119886	20.0	16.0	
116 tert-Butylbenzene	119	10.371	10.371	0.000	90	283335	20.0	16.8	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	99	397046	20.0	23.1	
118 sec-Butylbenzene	105	10.590	10.590	0.000	98	503899	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	93	180772	20.0	21.3	
120 4-Isopropyltoluene	119	10.737	10.737	0.000	97	407002	20.0	22.7	
* 121 1,4-Dichlorobenzene-d4	152	10.792	10.792	0.000	98	178909	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.810	10.816	-0.006	92	180704	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	99	355031	20.0	19.3	
124 Benzyl chloride	91	10.962	10.962	0.000	97	158653	20.0	19.5	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	94	376462	20.0	23.0	
126 p-Diethylbenzene	119	11.090	11.090	0.000	91	254731	20.0	26.4	
127 n-Butylbenzene	92	11.115	11.115	0.000	98	245963	20.0	22.6	
128 1,2-Dichlorobenzene	146	11.151	11.157	-0.006	93	186570	20.0	21.6	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	97	376940	20.0	22.6	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	90	17321	20.0	20.7	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	96	134817	20.0	18.3	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	93	150437	20.0	21.1	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	91	56816	20.0	21.1	
134 Naphthalene	128	12.663	12.663	0.000	98	337541	20.0	21.9	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	94	135669	20.0	20.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 137 Xylenes, Total	100				0		40.0	44.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.0	
S 140 Total BTEX	1				0		100.0	109.5	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

**Reagents:**

8FreonsSS_00040	Amount Added: 20.00	Units: uL	
8260 SP_00150	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00133	Amount Added: 4.00	Units: uL	
GAS C SP_00444	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

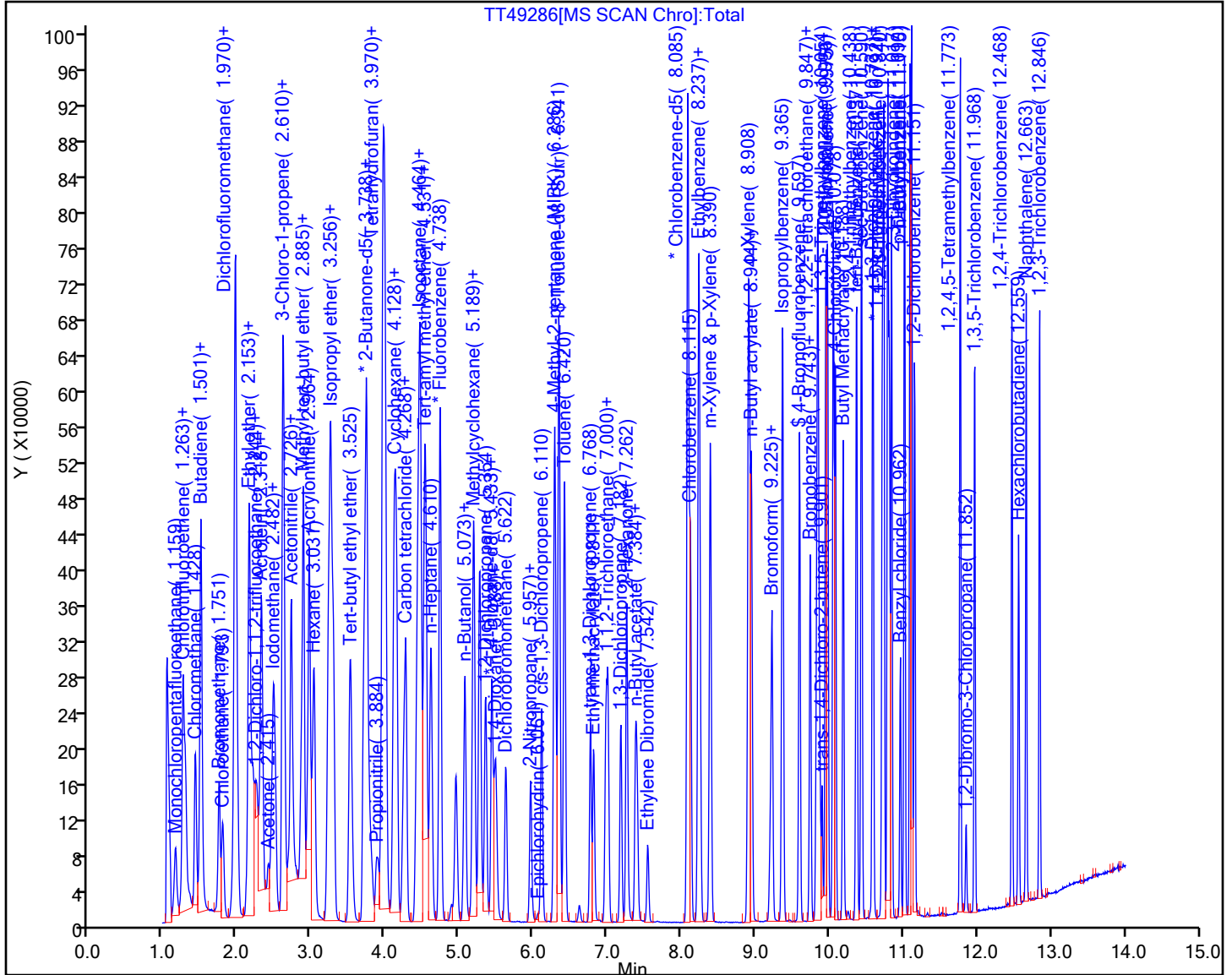
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

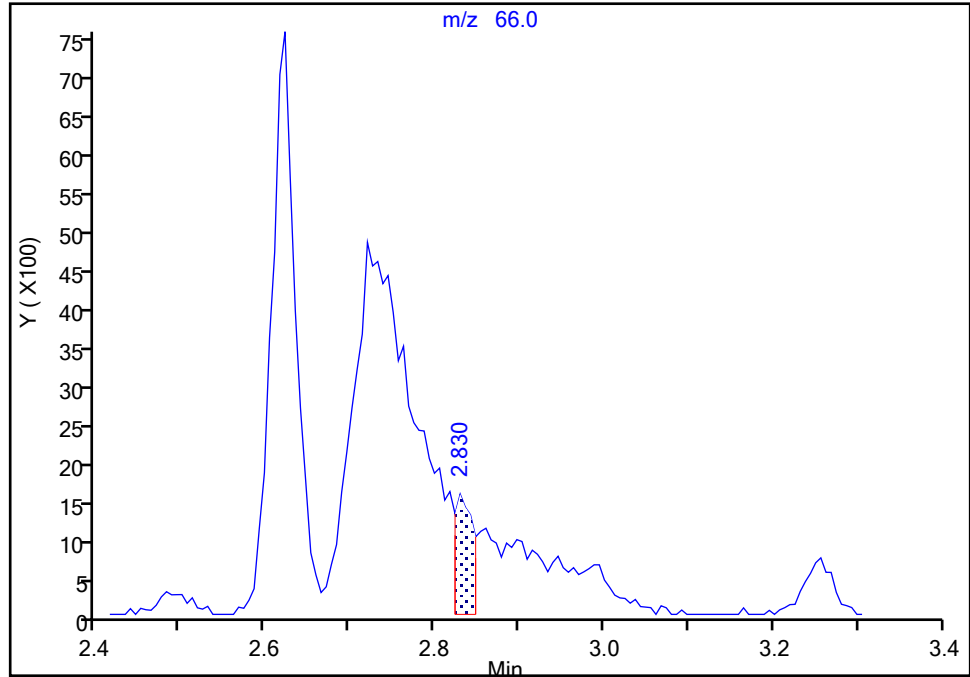
MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

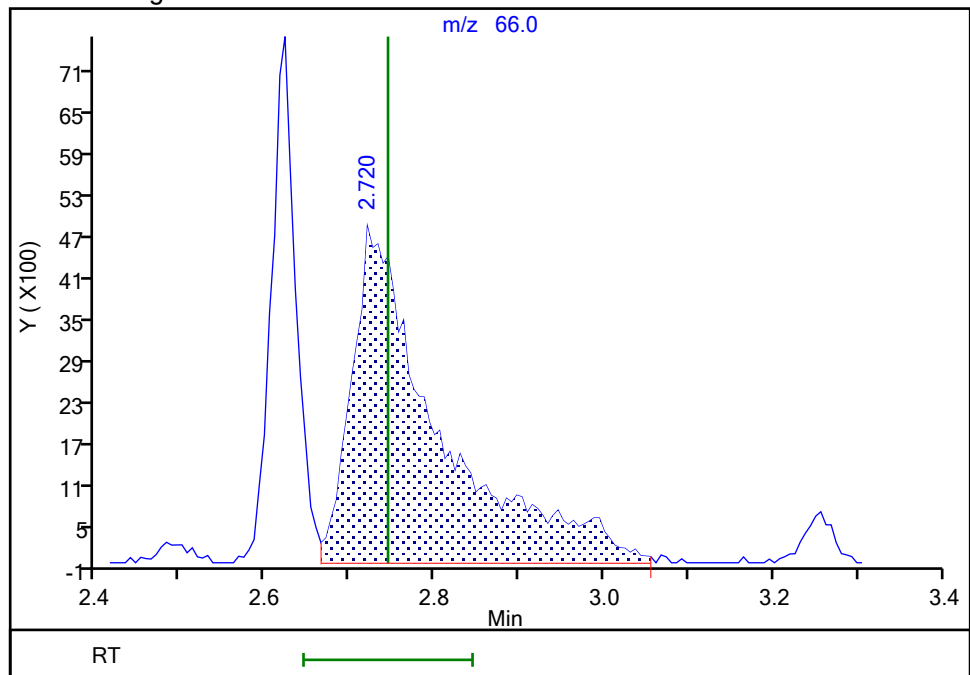
RT: 2.83  
Area: 2389  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.72  
Area: 34571  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:32:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

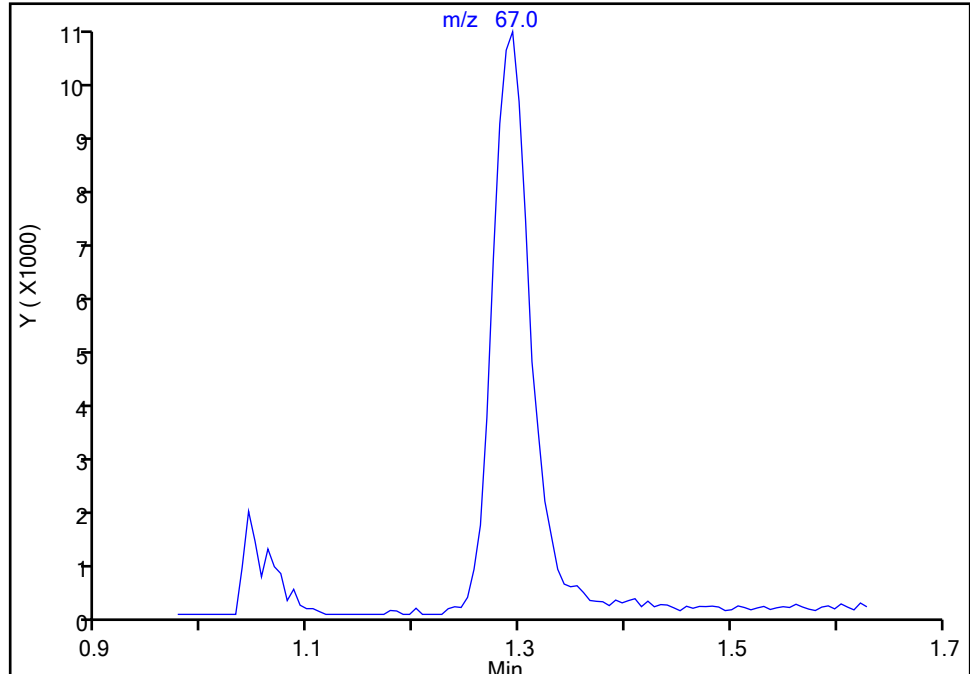
**5 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

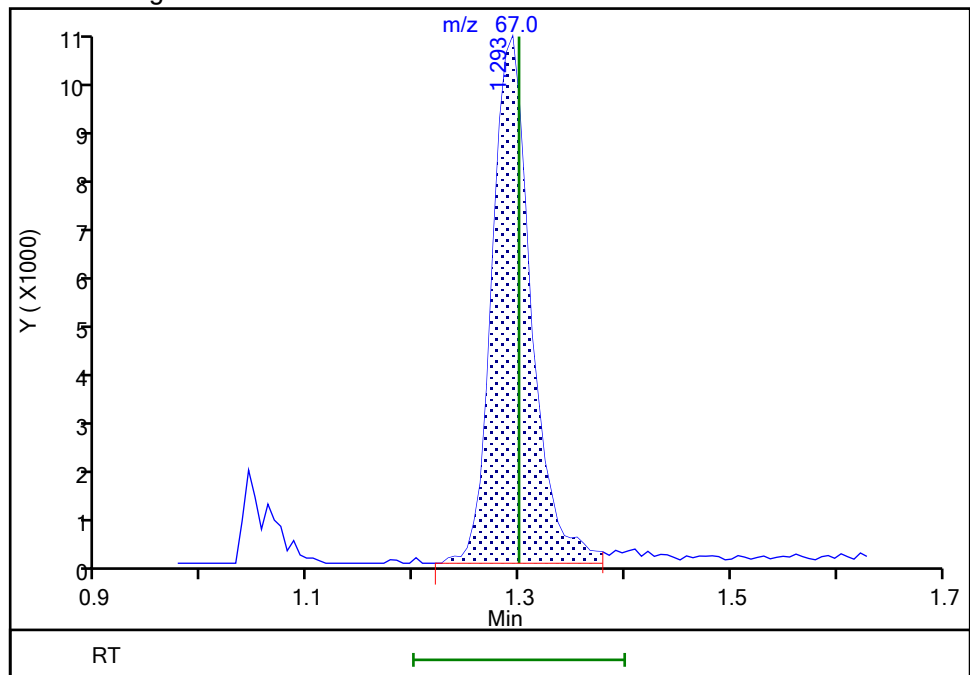
Not Detected

Expected RT: 1.30

## Processing Integration Results



## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:32:44

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

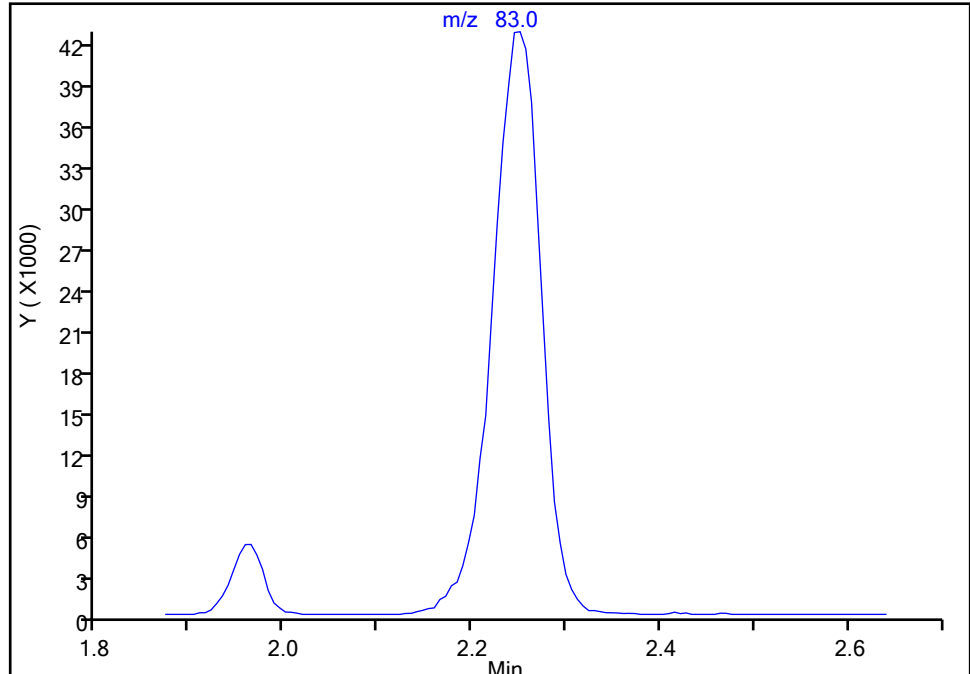
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

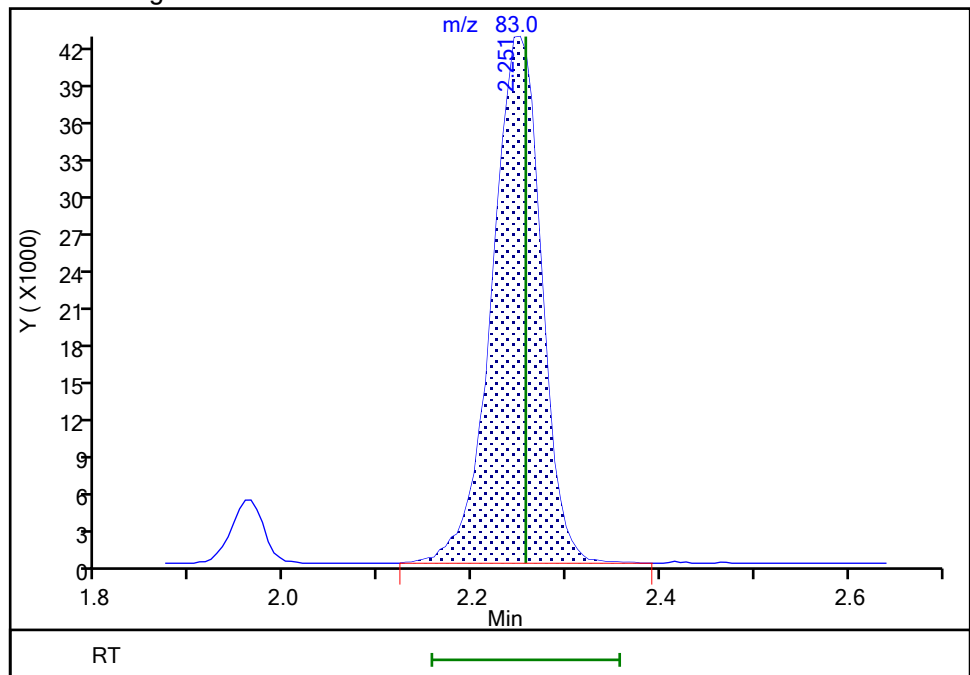
Not Detected

Expected RT: 2.26

## Processing Integration Results



## Manual Integration Results



RT: 2.25

Area: 155368

Amount: 20.185933

Amount Units: ug/l

Reviewer: baronm, 12-Jan-2022 19:32:49

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D  
Injection Date: 12-Jan-2022 03:10:30 Instrument ID: CVOAMS17  
Lims ID: ICV  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260W\_17  
Column: DB-624 ( 0.18 mm)

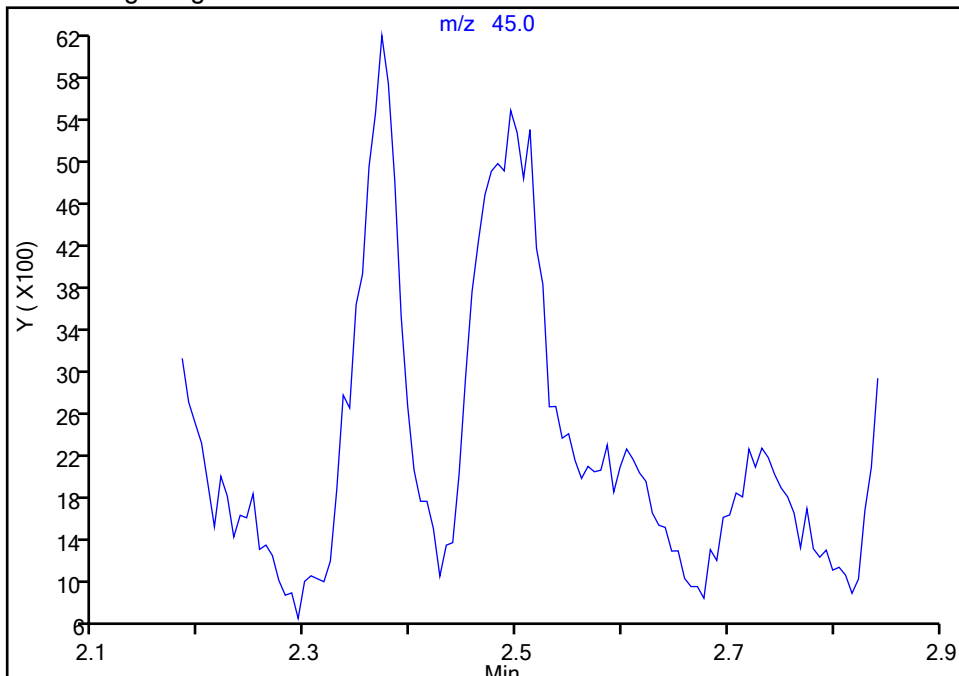
ALS Bottle#: 14 Worklist Smp#: 15  
Dil. Factor: 1.0000  
Limit Group: VOA - 8260D Water and Solid  
Detector: MS Quad

**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

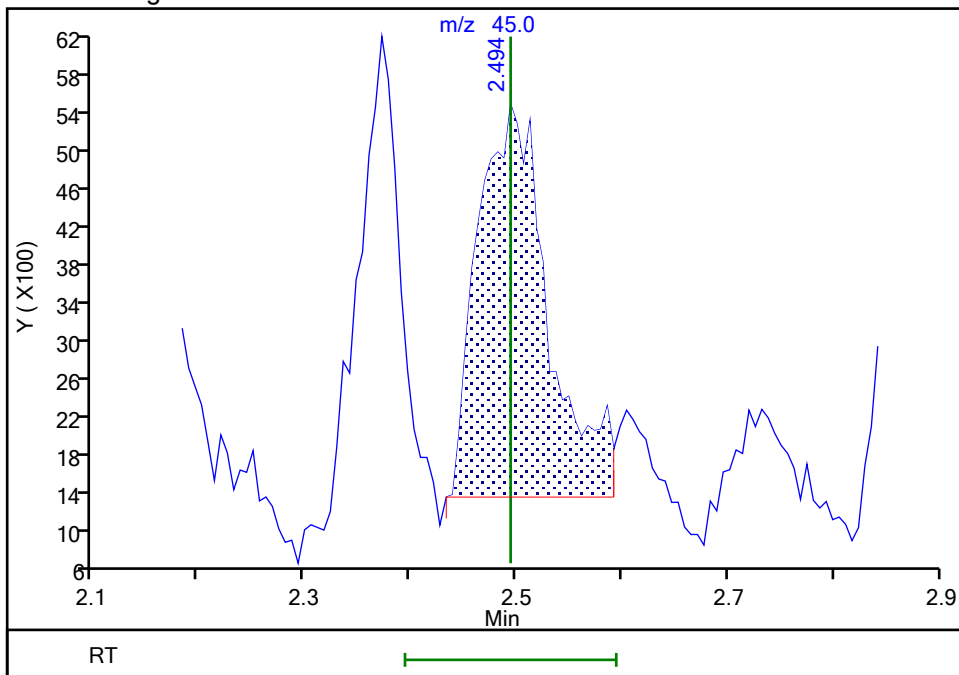
Not Detected  
Expected RT: 2.49

## Processing Integration Results



RT: 2.49  
Area: 19084  
Amount: 137.4053  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:32:54

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

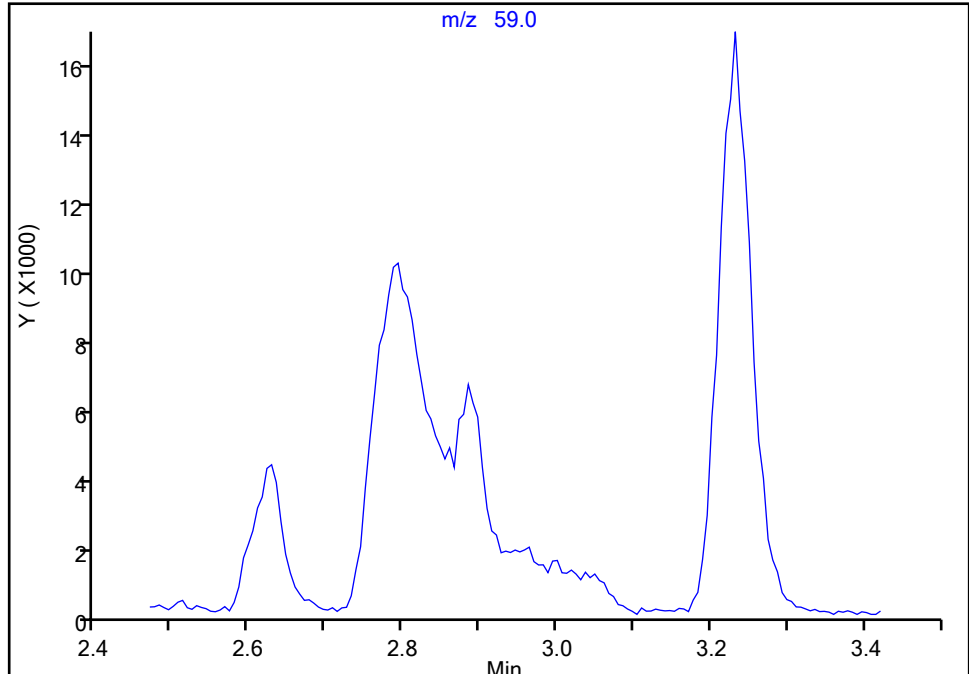
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

Not Detected

Expected RT: 2.79

## Processing Integration Results



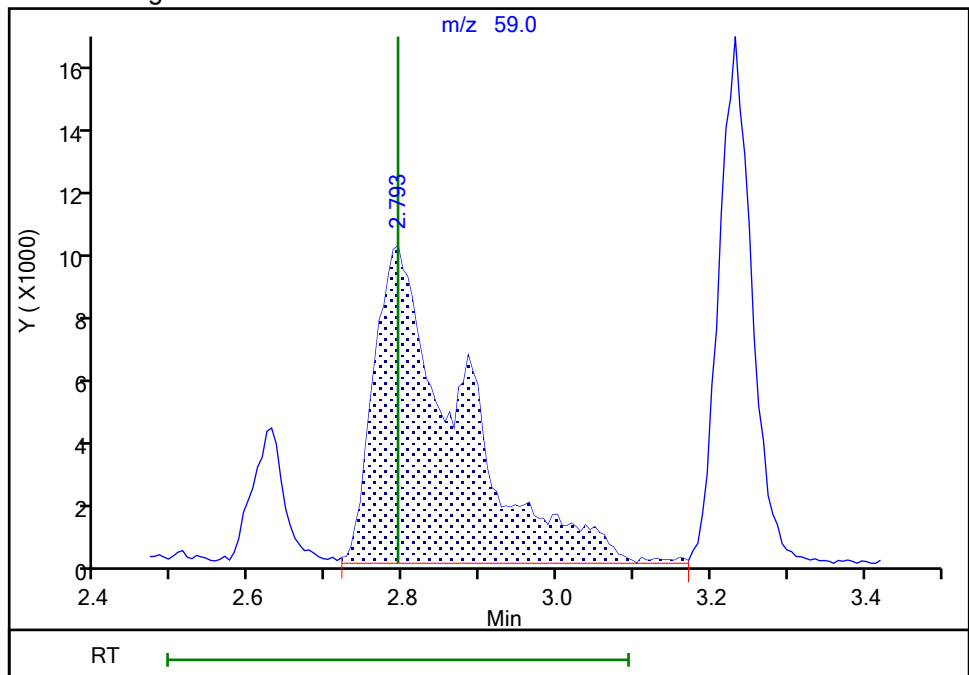
RT: 2.79

Area: 79871

Amount: 201.4791

Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:33:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

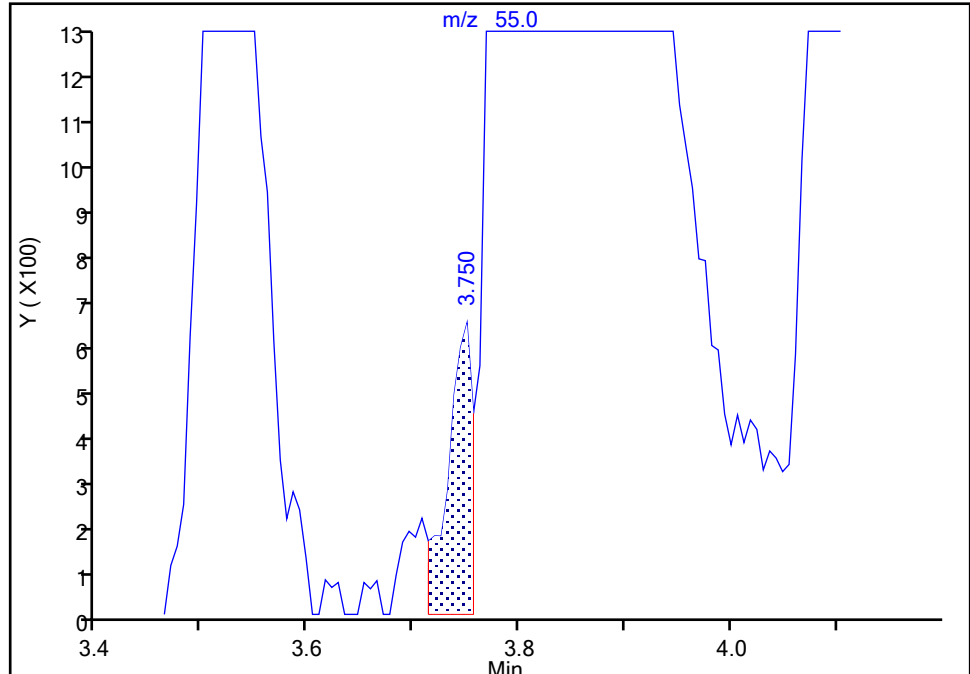
MS Quad

**47 Methyl acrylate, CAS: 96-33-3**

Signal: 1

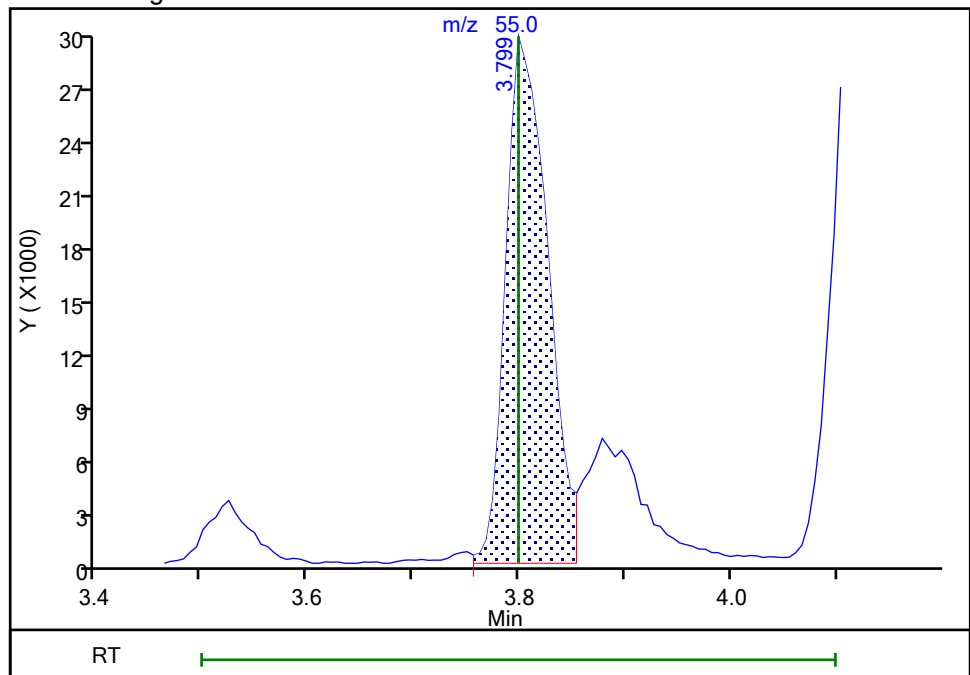
RT: 3.75  
Area: 1086  
Amount: 0.279286  
Amount Units: ug/l

## Processing Integration Results



RT: 3.80  
Area: 81679  
Amount: 21.005340  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:33:14

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

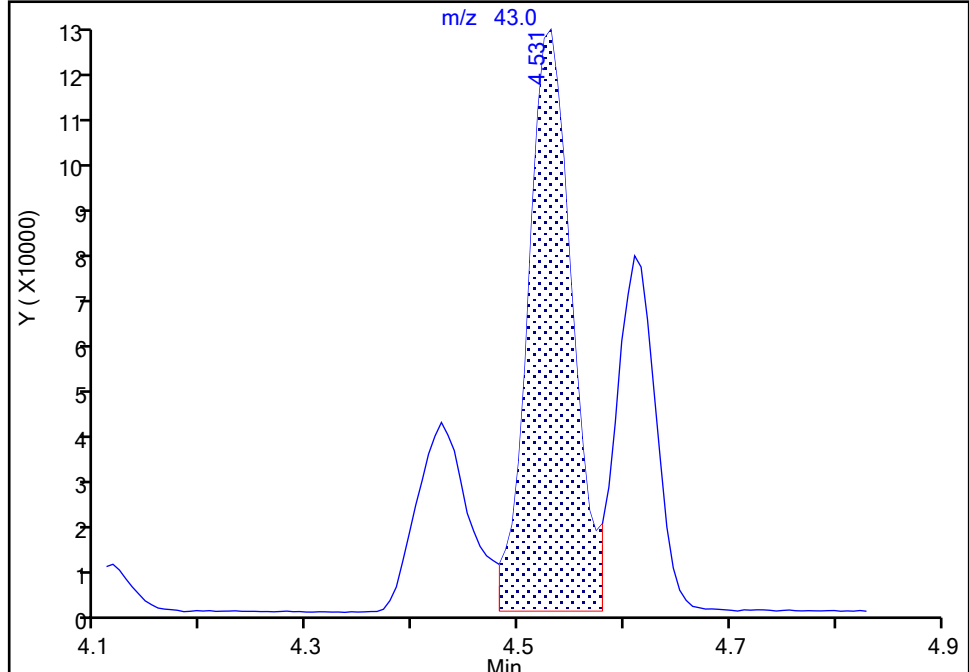
MS Quad

**58 Isobutyl alcohol, CAS: 78-83-1**

Signal: 1

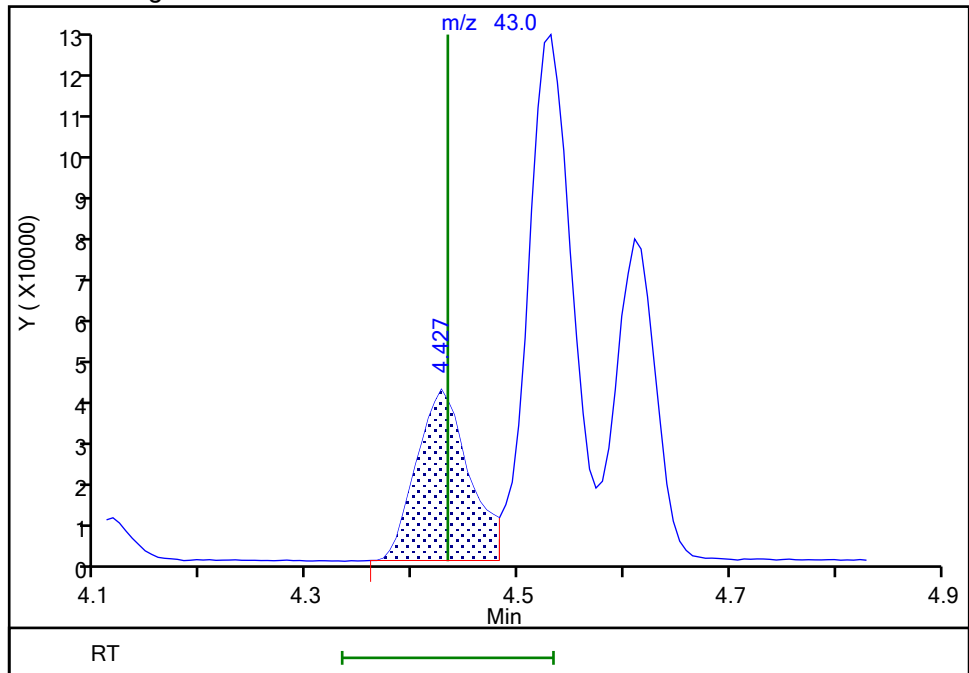
RT: 4.53  
Area: 369378  
Amount: 1165.0432  
Amount Units: ug/l

## Processing Integration Results



RT: 4.43  
Area: 142840  
Amount: 450.5270  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:35:47

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49286.D

Injection Date: 12-Jan-2022 03:10:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

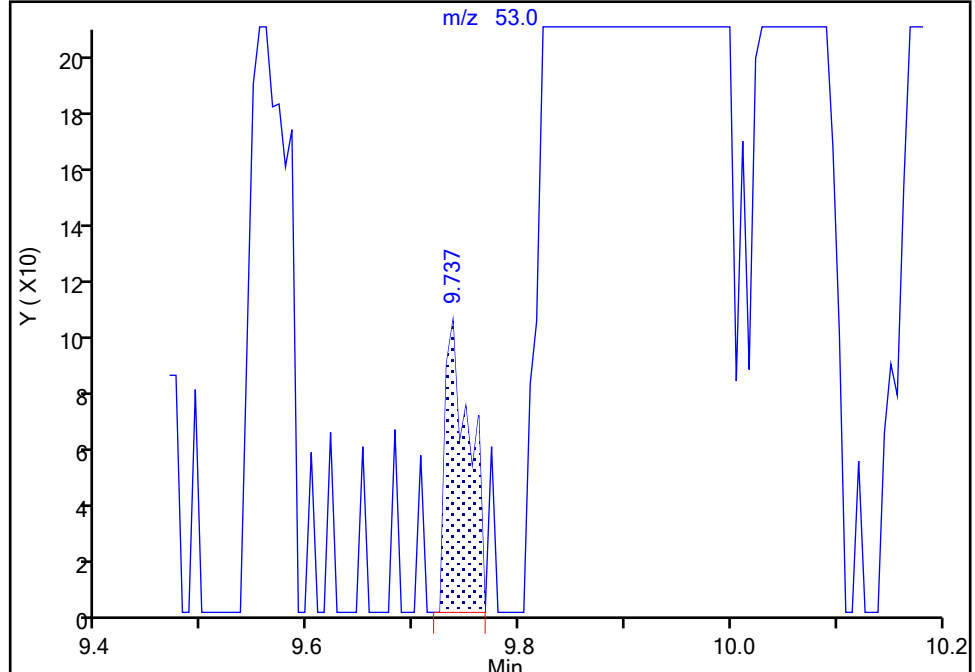
MS Quad

**110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

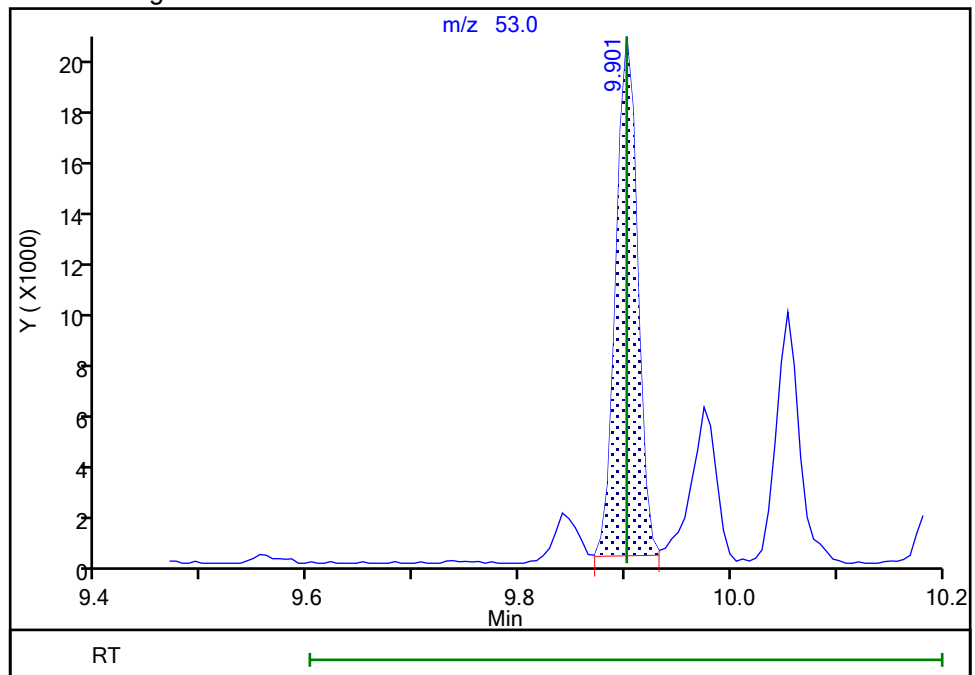
RT: 9.74  
Area: 161  
Amount: 0.126785  
Amount Units: ug/l

## Processing Integration Results



RT: 9.90  
Area: 28752  
Amount: 22.641743  
Amount Units: ug/l

## Manual Integration Results



Reviewer: baronm, 12-Jan-2022 19:33:40

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-823456/3 Calibration Date: 01/14/2022 19:11

Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26

Lab File ID: TT49379.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
Monochloropentafluoroethane	Lin		0.0180		11.3	20.0	-43.4*	20.0
Chlorotrifluoroethene	Ave	0.1297	0.1073		16.5	20.0	-17.3	20.0
1,1-Difluoroethane	Ave	0.2934	0.2317		15.8	20.0	-21.0*	20.0
Dichlorodifluoromethane	Ave	0.6325	0.5382	0.1000	17.0	20.0	-14.9	20.0
Chlorodifluoromethane	Ave	0.1172	0.0917		15.7	20.0	-21.7*	20.0
Chloromethane	Ave	0.8753	0.7881	0.1000	18.0	20.0	-10.0	20.0
Butadiene	Ave	0.7536	0.7104		18.9	20.0	-5.7	20.0
Vinyl chloride	Ave	0.7955	0.7172	0.1000	18.0	20.0	-9.8	20.0
Bromomethane	Ave	3.693	2.809	0.1000	15.2	20.0	-23.9	50.0
Chloroethane	Ave	3.950	2.902	0.1000	14.7	20.0	-26.5	50.0
Dichlorofluoromethane	Ave	1.085	1.032		19.0	20.0	-4.9	20.0
Pentane	Ave	0.0735	0.0782		42.6	40.0	6.4	20.0
Trichlorofluoromethane	Ave	0.6920	0.6651	0.1000	19.2	20.0	-3.9	20.0
Ethyl ether	Ave	0.2504	0.2466		19.7	20.0	-1.5	20.0
Ethanol	Ave	0.3457	0.6315		1460	800	82.7*	50.0
2-Methyl-1,3-butadiene	Ave	0.4855	0.4850		20.0	20.0	-0.1	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3593	0.3446		19.2	20.0	-4.1	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.6792	0.6558		19.3	20.0	-3.4	20.0
Acrolein	Ave	0.0493	0.0512		42.1	40.6	3.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4145	0.4206	0.1000	20.3	20.0	1.5	20.0
1,1-Dichloroethene	Ave	0.4260	0.3956	0.1000	18.6	20.0	-7.1	20.0
Acetone	Lin2		1.004	0.0500	89.9	100	-10.1	50.0
Iodomethane	Ave	0.6793	0.6339		18.7	20.0	-6.7	20.0
Carbon disulfide	Ave	1.902	1.773	0.1000	18.6	20.0	-6.8	50.0
Isopropyl alcohol	Ave	4.017	4.582		228	200	14.0	50.0
3-Chloro-1-propene	Ave	0.2951	0.2781		18.9	20.0	-5.7	20.0
Cyclopentene	Ave	1.167	1.172		20.1	20.0	0.4	20.0
Methyl acetate	Ave	0.3789	0.4213	0.1000	44.5	40.0	11.2	20.0
Acetonitrile	Ave	0.5356	0.4424		165	200	-17.4	20.0
Methylene Chloride	Ave	0.5272	0.4890	0.1000	18.6	20.0	-7.2	20.0
2-Methyl-2-propanol	Ave	11.47	10.95		191	200	-4.5	50.0
Methyl tert-butyl ether	Ave	1.244	1.230	0.1000	19.8	20.0	-1.1	20.0
trans-1,2-Dichloroethene	Ave	0.4689	0.4271	0.1000	18.2	20.0	-8.9	20.0
Acrylonitrile	Ave	0.1808	0.1891		209	200	4.6	20.0
Hexane	Ave	0.6779	0.7312		21.6	20.0	7.9	20.0
Isopropyl ether	Ave	1.987	1.951		19.6	20.0	-1.8	20.0
1,1-Dichloroethane	Ave	0.9684	0.9029	0.2000	18.6	20.0	-6.8	20.0
Vinyl acetate	Ave	0.5879	0.5076		34.5	40.0	-13.7	20.0
2-Chloro-1,3-butadiene	Ave	0.3966	0.3737		18.8	20.0	-5.8	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-823456/3 Calibration Date: 01/14/2022 19:11

Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26

Lab File ID: TT49379.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
Tert-butyl ethyl ether	Ave	1.533	1.529		20.0	20.0	-0.2	20.0
2,2-Dichloropropane	Ave	0.1574	0.1481		18.8	20.0	-5.9	20.0
cis-1,2-Dichloroethene	Ave	0.5022	0.4725	0.1000	18.8	20.0	-5.9	20.0
2-Butanone (MEK)	Ave	0.3315	0.2851	0.0500	86.0	100	-14.0	50.0
Ethyl acetate	Ave	0.3044	0.2685		35.3	40.0	-11.8	20.0
Methyl acrylate	Ave	0.3431	0.3459		20.2	20.0	0.8	20.0
Propionitrile	Ave	20.28	16.36		161	200	-19.3	20.0
Chlorobromomethane	Ave	0.2187	0.1973		18.0	20.0	-9.8	20.0
Tetrahydrofuran	Ave	0.3972	0.3490		35.1	40.0	-12.1	20.0
Methacrylonitrile	Ave	0.1526	0.1597		209	200	4.6	20.0
Chloroform	Ave	0.7986	0.7606	0.2000	19.0	20.0	-4.8	20.0
Cyclohexane	Ave	0.6655	0.6569	0.1000	19.7	20.0	-1.3	50.0
1,1,1-Trichloroethane	Ave	0.6558	0.6191	0.1000	18.9	20.0	-5.6	20.0
Carbon tetrachloride	Ave	0.5252	0.4919	0.1000	18.7	20.0	-6.3	20.0
1,1-Dichloropropene	Ave	0.6255	0.5935		19.0	20.0	-5.1	20.0
Isobutyl alcohol	Ave	9.171	7.671		418	500	-16.4	50.0
Isooctane	Ave	1.766	1.853		21.0	20.0	4.9	20.0
Benzene	Ave	2.900	2.729	0.5000	18.8	20.0	-5.9	20.0
Tert-amyl methyl ether	Ave	1.373	1.432		20.9	20.0	4.3	20.0
Isopropyl acetate	Ave	0.2264	0.2292		20.2	20.0	1.2	20.0
1,2-Dichloroethane	Ave	0.5941	0.5323	0.1000	17.9	20.0	-10.4	20.0
n-Heptane	Ave	0.1005	0.1052		20.9	20.0	4.6	20.0
n-Butanol	Ave	1.729	1.888		546	500	9.2	50.0
Trichloroethene	Ave	0.4218	0.3697	0.2000	17.5	20.0	-12.3	20.0
Methylcyclohexane	Ave	0.7483	0.7476	0.1000	20.0	20.0	-0.0	50.0
Ethyl acrylate	QuaF		0.0511		17.7	20.0	-11.7	20.0
1,2-Dichloropropane	Ave	0.4903	0.4447	0.1000	18.1	20.0	-9.3	20.0
Methyl methacrylate	Ave	0.0743	0.0745		40.1	40.0	0.3	20.0
1,4-Dioxane	QuaF		1.691		579	400	44.8	50.0
Dibromomethane	Ave	0.2416	0.2228		18.4	20.0	-7.8	20.0
n-Propyl acetate	Ave	0.5497	0.6062		22.1	20.0	10.3	20.0
Dichlorobromomethane	Ave	0.5430	0.4926	0.2000	18.1	20.0	-9.3	20.0
2-Nitropropane	QuaF		0.0920		34.3	40.0	-14.2	20.0
2-Chloroethyl vinyl ether	Ave	0.2262	0.2130		18.9	20.0	-5.8	20.0
Epichlorohydrin	Ave	0.2702	0.2662		394	400	-1.5	20.0
cis-1,3-Dichloropropene	Ave	0.998	0.9320	0.2000	18.7	20.0	-6.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.274	1.233	0.0500	96.8	100	-3.2	50.0
Toluene	Ave	2.692	2.456	0.4000	18.2	20.0	-8.8	20.0
trans-1,3-Dichloropropene	Ave	0.8245	0.7686	0.1000	18.6	20.0	-6.8	50.0
Ethyl methacrylate	Ave	0.7122	0.7317		20.5	20.0	2.7	20.0
1,1,2-Trichloroethane	Ave	0.4393	0.4160	0.1000	18.9	20.0	-5.3	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-823456/3 Calibration Date: 01/14/2022 19:11

Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26

Lab File ID: TT49379.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
Tetrachloroethene	Ave	0.5398	0.4915	0.2000	18.2	20.0	-9.0	20.0
1,3-Dichloropropane	Ave	0.8763	0.8204		18.7	20.0	-6.4	20.0
2-Hexanone	Ave	2.028	1.979	0.0500	97.6	100	-2.4	50.0
n-Butyl acetate	Ave	1.065	1.142		21.4	20.0	7.2	20.0
Chlorodibromomethane	Ave	0.4721	0.4350	0.1000	18.4	20.0	-7.9	50.0
Ethylene Dibromide	Ave	0.4322	0.4185	0.1000	19.4	20.0	-3.2	20.0
Chlorobenzene	Ave	1.524	1.368	0.5000	17.9	20.0	-10.3	20.0
Ethylbenzene	Ave	0.8566	0.8162	0.1000	19.1	20.0	-4.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6193	0.5712		18.4	20.0	-7.8	20.0
m-Xylene & p-Xylene	Ave	1.036	0.9758	0.1000	18.8	20.0	-5.8	20.0
o-Xylene	Ave	1.078	1.039	0.3000	19.3	20.0	-3.7	20.0
n-Butyl acrylate	Ave	0.4342	0.4651		21.4	20.0	7.1	20.0
Styrene	Ave	1.553	1.538	0.3000	19.8	20.0	-0.9	20.0
Bromoform	Ave	0.2809	0.2674	0.1000	19.0	20.0	-4.8	20.0
Amyl acetate (mixed isomers)	QuaF		3.060		16.7	20.0	-16.3	20.0
Isopropylbenzene	Ave	2.913	2.927	0.1000	20.1	20.0	0.5	20.0
Bromobenzene	Ave	1.183	1.077		18.2	20.0	-9.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.393	1.453	0.3000	20.9	20.0	4.3	20.0
N-Propylbenzene	Ave	7.165	7.168		20.0	20.0	0.0	20.0
1,2,3-Trichloropropane	Ave	0.3389	0.3419		20.2	20.0	0.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3549	0.3385		19.1	20.0	-4.6	20.0
2-Chlorotoluene	Ave	4.854	4.703		19.4	20.0	-3.1	20.0
4-Ethyltoluene	Ave	5.263	5.404		20.5	20.0	2.7	20.0
1,3,5-Trimethylbenzene	Ave	4.696	4.714		20.1	20.0	0.4	20.0
4-Chlorotoluene	Ave	4.449	4.262		19.2	20.0	-4.2	20.0
Butyl Methacrylate	QuaF		1.538		14.7	20.0	-26.4*	20.0
tert-Butylbenzene	QuaF		3.487		14.8	20.0	-26.2*	20.0
1,2,4-Trimethylbenzene	Ave	4.795	4.846		20.2	20.0	1.1	20.0
sec-Butylbenzene	Ave	6.246	6.165		19.7	20.0	-1.3	20.0
1,3-Dichlorobenzene	Ave	2.371	2.121	0.6000	17.9	20.0	-10.5	20.0
4-Isopropyltoluene	Ave	5.012	4.976		19.9	20.0	-0.7	20.0
1,4-Dichlorobenzene	Ave	2.388	2.101	0.5000	17.6	20.0	-12.0	20.0
1,2,3-Trimethylbenzene	Ave	5.130	5.119		20.0	20.0	-0.2	20.0
Benzyl chloride	Ave	2.275	2.507		22.0	20.0	10.2	50.0
Indan	Ave	4.578	4.531		19.8	20.0	-1.0	20.0
p-Diethylbenzene	Ave	2.695	2.633		19.5	20.0	-2.3	20.0
n-Butylbenzene	Ave	3.047	2.997		19.7	20.0	-1.6	20.0
1,2-Dichlorobenzene	Ave	2.410	2.205	0.4000	18.3	20.0	-8.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.666	4.613		19.8	20.0	-1.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2334	0.2518	0.0500	21.6	20.0	7.9	50.0
1,3,5-Trichlorobenzene	Ave	2.064	1.877		18.2	20.0	-9.1	20.0

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-823456/3 Calibration Date: 01/14/2022 19:11  
 Instrument ID: CVOAMS17 Calib Start Date: 01/11/2022 23:00  
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 01/12/2022 01:26  
 Lab File ID: TT49379.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
1,2,4-Trichlorobenzene	Ave	1.993	1.775	0.2000	17.8	20.0	-10.9	20.0
Hexachlorobutadiene	Ave	0.7512	0.6645		17.7	20.0	-11.5	20.0
Naphthalene	Ave	4.315	4.625		21.4	20.0	7.2	50.0
1,2,3-Trichlorobenzene	Ave	1.821	1.692		18.6	20.0	-7.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2448	0.2470		50.5	50.0	0.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3236	0.3205		49.5	50.0	-1.0	20.0
Toluene-d8 (Surr)	Ave	1.350	1.374		50.9	50.0	1.7	20.0
4-Bromofluorobenzene	Ave	0.3438	0.3447		50.1	50.0	0.3	20.0

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 14-Jan-2022 19:11:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0140246-003  
 Operator ID: Instrument ID: CVOAMS17  
 Sublist: chrom-8260W\_17\*sub2  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jan-2022 10:04:59 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: xuyvo

Date: 16-Jan-2022 10:04:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.257	1.257	0.000	50	31085	20.0	16.5	
4 Dichlorodifluoromethane	85	1.281	1.281	0.000	54	155965	20.0	17.0	
1 Monochloropentafluoroethane	119	1.183	1.183	0.000	73	5219	20.0	11.3	a
2 1,1-Difluoroethane	65	1.263	1.263	0.000	90	67143	20.0	15.8	
5 Chlorodifluoromethane	67	1.293	1.293	0.000	99	26587	20.0	15.7	a
6 Chloromethane	50	1.427	1.427	0.000	89	228399	20.0	18.0	
8 Butadiene	54	1.507	1.507	0.000	94	205890	20.0	18.9	
7 Vinyl chloride	62	1.507	1.507	0.000	62	207859	20.0	18.0	
9 Bromomethane	94	1.750	1.750	0.000	99	115518	20.0	15.2	
10 Chloroethane	64	1.799	1.799	0.000	97	119311	20.0	14.7	
11 Dichlorofluoromethane	67	1.964	1.964	0.000	80	298960	20.0	19.0	
13 Pentane	72	1.976	1.976	0.000	97	45335	40.0	42.6	
12 Trichlorofluoromethane	101	1.976	1.976	0.000	40	192739	20.0	19.2	
15 Ethyl ether	74	2.147	2.147	0.000	85	71462	20.0	19.7	
14 Ethanol	46	2.153	2.153	0.000	60	28550	800.0	1461.5	
16 2-Methyl-1,3-butadiene	53	2.159	2.159	0.000	97	140557	20.0	20.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.202	2.202	0.000	88	99859	20.0	19.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.250	2.250	0.000	94	190056	20.0	19.3	a
19 Acrolein	56	2.299	2.299	0.000	54	30112	40.6	42.1	
20 112TCTFE	101	2.317	2.317	0.000	67	121908	20.0	20.3	
21 1,1-Dichloroethene	96	2.330	2.330	0.000	85	114661	20.0	18.6	
22 Acetone	43	2.421	2.421	0.000	84	206504	100.0	89.9	
23 Iodomethane	142	2.470	2.470	0.000	99	183699	20.0	18.7	
24 Carbon disulfide	76	2.500	2.500	0.000	100	513831	20.0	18.6	
25 Isopropyl alcohol	45	2.506	2.506	0.000	28	51787	200.0	228.1	a
26 3-Chloro-1-propene	76	2.610	2.610	0.000	84	80604	20.0	18.9	
28 Cyclopentene	67	2.622	2.622	0.000	80	339584	20.0	20.1	
27 Methyl acetate	43	2.628	2.628	0.000	61	244199	40.0	44.5	
29 Acetonitrile	41	2.689	2.689	0.000	95	181900	200.0	165.2	Ma
30 Methylene Chloride	84	2.726	2.726	0.000	97	141725	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
* 31 TBA-d9 (IS)	66	2.744	2.744	0.000	97	56514	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.811	2.811	0.000	93	123766	200.0	191.0	a
33 Methyl tert-butyl ether	73	2.872	2.872	0.000	95	356561	20.0	19.8	
34 trans-1,2-Dichloroethene	96	2.890	2.890	0.000	97	123764	20.0	18.2	
35 Acrylonitrile	53	2.970	2.970	0.000	93	548170	200.0	209.2	
36 Hexane	57	3.037	3.037	0.000	94	211905	20.0	21.6	
37 Isopropyl ether	45	3.232	3.232	0.000	96	565444	20.0	19.6	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	66	261675	20.0	18.6	
39 Vinyl acetate	86	3.275	3.275	0.000	100	41742	40.0	34.5	
40 2-Chloro-1,3-butadiene	88	3.299	3.299	0.000	91	108310	20.0	18.8	
41 Tert-butyl ethyl ether	59	3.524	3.524	0.000	87	443203	20.0	20.0	
* 42 2-Butanone-d5	46	3.701	3.701	0.000	93	513985	250.0	250.0	
48 Propionitrile	54	3.890	3.890	0.000	99	184919	200.0	161.3	
43 2,2-Dichloropropane	97	3.726	3.726	0.000	75	42911	20.0	18.8	
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	78	136941	20.0	18.8	
45 2-Butanone (MEK)	72	3.756	3.756	0.000	94	58618	100.0	86.0	
46 Ethyl acetate	70	3.756	3.756	0.000	92	22078	40.0	35.3	
47 Methyl acrylate	55	3.805	3.805	0.000	93	100248	20.0	20.2	
49 Chlorobromomethane	128	3.957	3.957	0.000	57	57176	20.0	18.0	
50 Tetrahydrofuran	72	3.957	3.957	0.000	31	28703	40.0	35.1	
51 Methacrylonitrile	67	3.976	3.976	0.000	97	462722	200.0	209.2	
52 Chloroform	83	4.006	4.006	0.000	96	220430	20.0	19.0	
53 Cyclohexane	84	4.122	4.122	0.000	97	190382	20.0	19.7	
54 1,1,1-Trichloroethane	97	4.134	4.134	0.000	87	179418	20.0	18.9	
\$ 55 Dibromofluoromethane (Surr)	113	4.152	4.152	0.000	0	178935	50.0	50.5	
56 Carbon tetrachloride	117	4.250	4.250	0.000	93	142559	20.0	18.7	
57 1,1-Dichloropropene	75	4.274	4.274	0.000	90	172015	20.0	19.0	
59 Isooctane	57	4.433	4.433	0.000	94	536948	20.0	21.0	
58 Isobutyl alcohol	43	4.433	4.433	0.000	47	216749	500.0	418.2	
60 Benzene	78	4.463	4.463	0.000	96	488566	20.0	18.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	232185	50.0	49.5	
62 Tert-amyl methyl ether	73	4.530	4.530	0.000	74	414889	20.0	20.9	
63 Isopropyl acetate	61	4.543	4.543	0.000	93	66429	20.0	20.2	
64 1,2-Dichloroethane	62	4.549	4.549	0.000	77	154261	20.0	17.9	
65 n-Heptane	100	4.616	4.616	0.000	98	30479	20.0	20.9	
* 66 Fluorobenzene	96	4.738	4.738	0.000	0	724526	50.0	50.0	
68 Trichloroethene	95	5.073	5.073	0.000	90	107144	20.0	17.5	
67 n-Butanol	56	5.055	5.055	0.000	74	53342	500.0	545.8	
69 Methylcyclohexane	83	5.189	5.189	0.000	86	216672	20.0	20.0	
70 Ethyl acrylate	99	5.207	5.207	0.000	96	14808	20.0	17.7	a
71 1,2-Dichloropropane	63	5.353	5.353	0.000	87	128874	20.0	18.1	
* 72 1,4-Dioxane-d8	96	5.427	5.427	0.000	0	25213	1000.0	1000.0	
73 Methyl methacrylate	100	5.439	5.439	0.000	93	43186	40.0	40.1	
74 Dibromomethane	93	5.475	5.475	0.000	89	64559	20.0	18.4	
75 1,4-Dioxane	88	5.475	5.475	0.000	37	17052	400.0	579.2	
76 n-Propyl acetate	43	5.500	5.500	0.000	98	175676	20.0	22.1	
77 Dichlorobromomethane	83	5.628	5.628	0.000	0	142758	20.0	18.1	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	0	61891	20.0	18.9	
78 2-Nitropropane	41	5.957	5.957	0.000	0	53326	40.0	34.3	
80 Epichlorohydrin	57	6.061	6.061	0.000	0	218906	400.0	394.1	
81 cis-1,3-Dichloropropene	75	6.109	6.109	0.000	0	166862	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	253594	100.0	96.8	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	614920	50.0	50.9	
84 Toluene	91	6.420	6.420	0.000	0	439629	20.0	18.2	
85 trans-1,3-Dichloropropene	75	6.774	6.774	0.000	0	137598	20.0	18.6	
86 Ethyl methacrylate	69	6.810	6.810	0.000	0	130996	20.0	20.5	
87 1,1,2-Trichloroethane	83	6.981	6.981	0.000	0	74468	20.0	18.9	
88 Tetrachloroethene	166	7.006	7.006	0.000	0	87986	20.0	18.2	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	146881	20.0	18.7	
90 2-Hexanone	43	7.262	7.262	0.000	0	406892	100.0	97.6	
91 n-Butyl acetate	43	7.383	7.383	0.000	0	204478	20.0	21.4	
92 Chlorodibromomethane	129	7.402	7.402	0.000	0	77872	20.0	18.4	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	74925	20.0	19.4	
* 94 Chlorobenzene-d5	117	8.085	8.085	0.000	0	447575	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	0	244908	20.0	17.9	
96 Ethylbenzene	106	8.237	8.237	0.000	0	146117	20.0	19.1	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	0	102254	20.0	18.4	
98 m-Xylene & p-Xylene	106	8.395	8.395	0.000	0	174706	20.0	18.8	
99 o-Xylene	106	8.908	8.908	0.000	0	185964	20.0	19.3	
100 n-Butyl acrylate	73	8.926	8.926	0.000	0	83263	20.0	21.4	
101 Styrene	104	8.950	8.950	0.000	0	275337	20.0	19.8	
102 Bromoform	173	9.200	9.200	0.000	0	47873	20.0	19.0	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	273705	20.0	16.7	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	523994	20.0	20.1	
\$ 105 4-Bromofluorobenzene	174	9.603	9.603	0.000	0	154267	50.0	50.1	
106 Bromobenzene	156	9.743	9.743	0.000	0	96383	20.0	18.2	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	129990	20.0	20.9	
108 N-Propylbenzene	91	9.846	9.846	0.000	0	641239	20.0	20.0	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	0	30585	20.0	20.2	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	78	30282	20.0	19.1	a
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	420726	20.0	19.4	
112 4-Ethyltoluene	105	9.981	9.981	0.000	0	483402	20.0	20.5	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	421706	20.0	20.1	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	381228	20.0	19.2	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	137614	20.0	14.7	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	311916	20.0	14.8	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	433493	20.0	20.2	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	551448	20.0	19.7	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	189768	20.0	17.9	
120 4-Isopropyltoluene	119	10.736	10.736	0.000	0	445144	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.791	0.000	0	223634	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	187947	20.0	17.6	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	0	457946	20.0	20.0	
124 Benzyl chloride	91	10.962	10.962	0.000	0	224255	20.0	22.0	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	405282	20.0	19.8	
126 p-Diethylbenzene	119	11.096	11.096	0.000	0	235575	20.0	19.5	
127 n-Butylbenzene	92	11.114	11.114	0.000	0	268056	20.0	19.7	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	197250	20.0	18.3	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	412630	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	22528	20.0	21.6	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	167903	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	12.474	12.474	0.000	0	158778	20.0	17.8	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	59438	20.0	17.7	
134 Naphthalene	128	12.663	12.663	0.000	0	413762	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	151392	20.0	18.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.0	
S 137 Xylenes, Total	100				0		40.0	38.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.3	
S 140 Total BTEX	1				0		100.0	94.2	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00149

Amount Added: 20.00

Units: uL

524freon\_00047

Amount Added: 20.00

Units: uL

ACROLEIN W\_00135

Amount Added: 4.00

Units: uL

GASES Li\_00458

Amount Added: 20.00

Units: uL

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

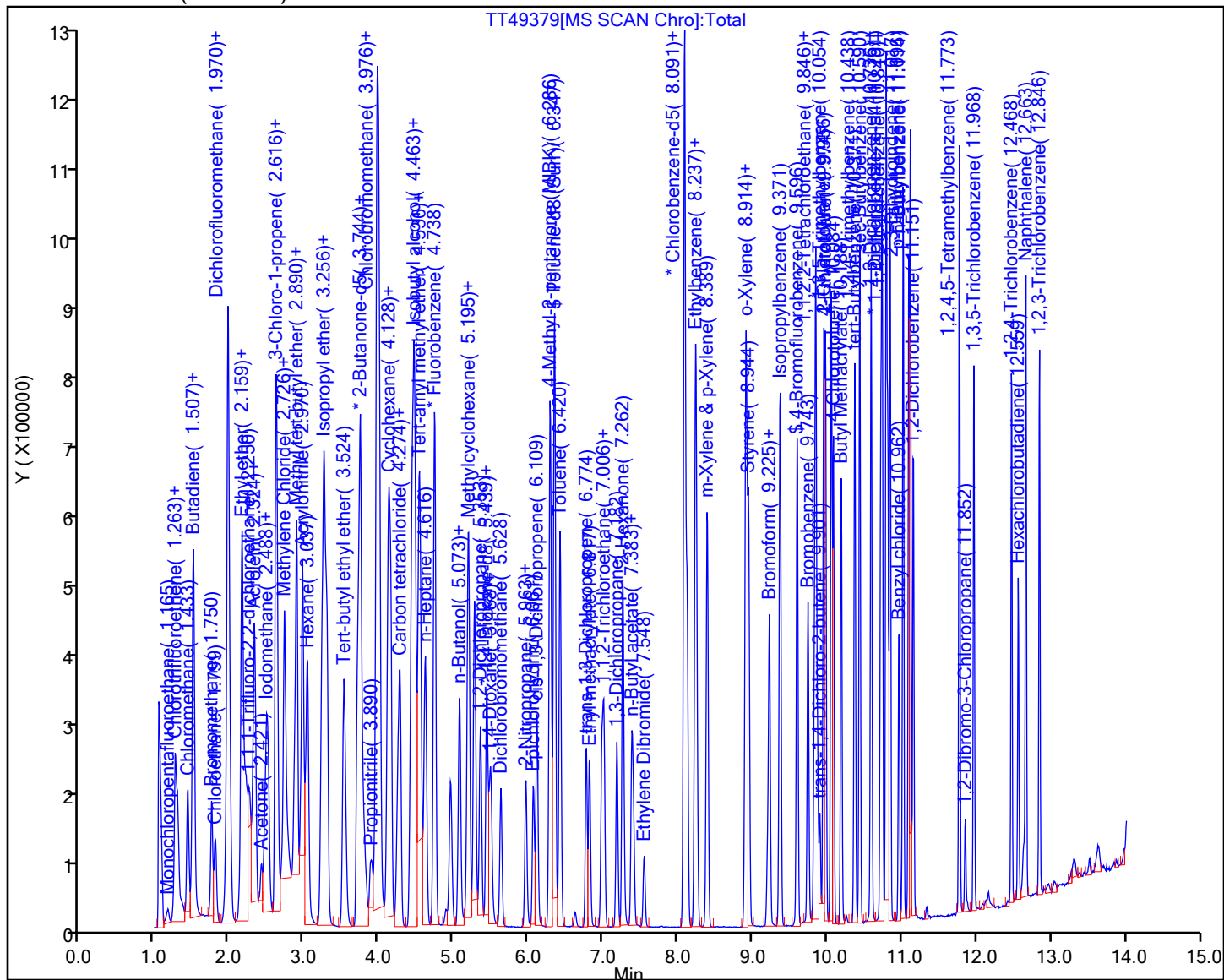
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W 17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

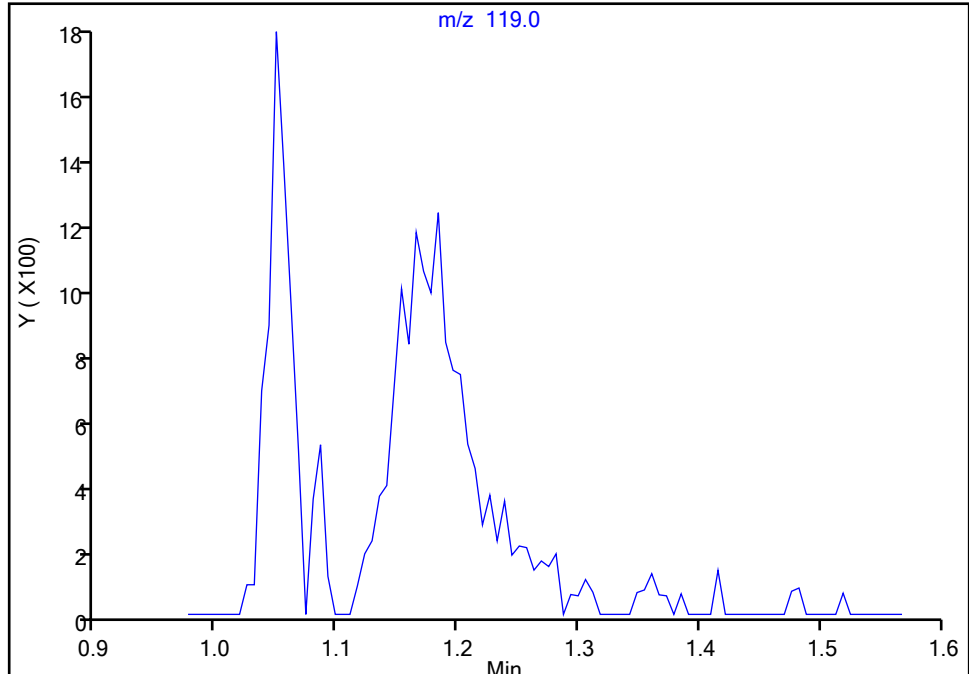
**1 Monochloropentafluoroethane, CAS: 76-15-3**

Signal: 1

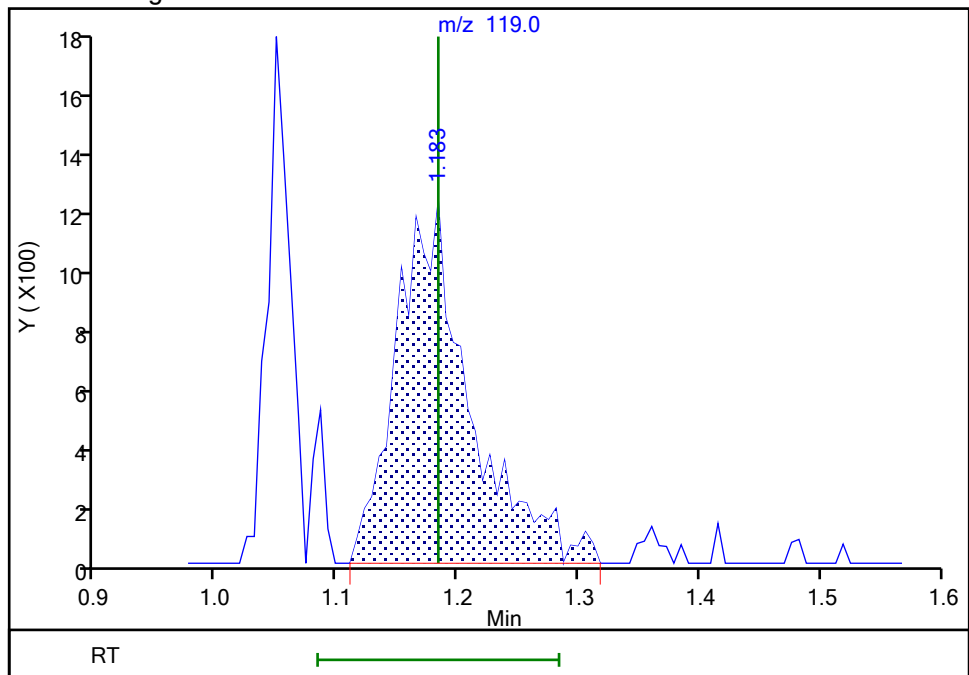
Not Detected

Expected RT: 1.18

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:30:41

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

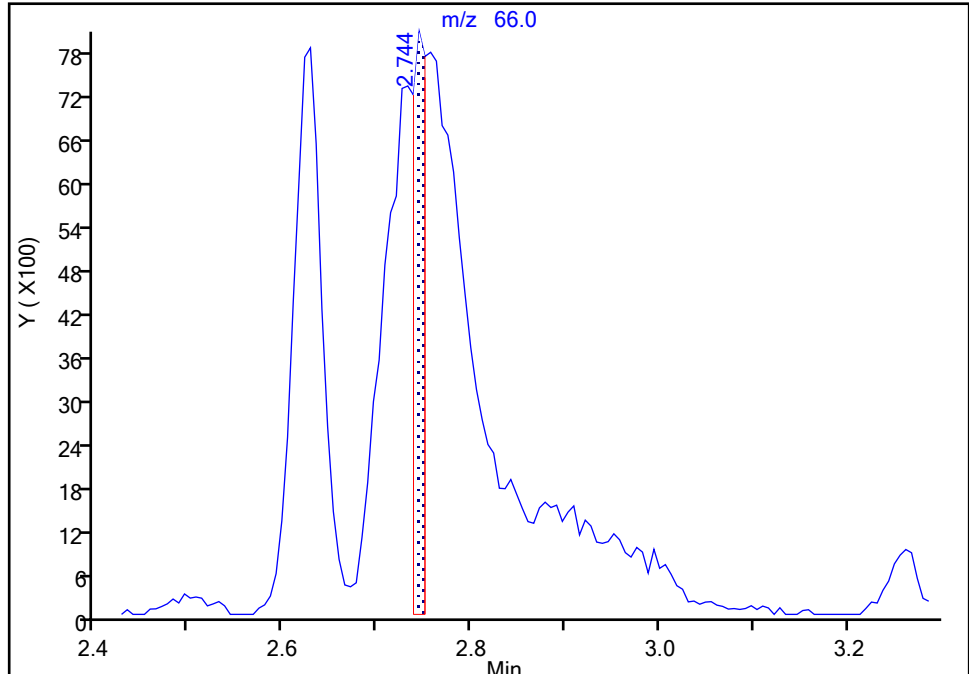
Detector: MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

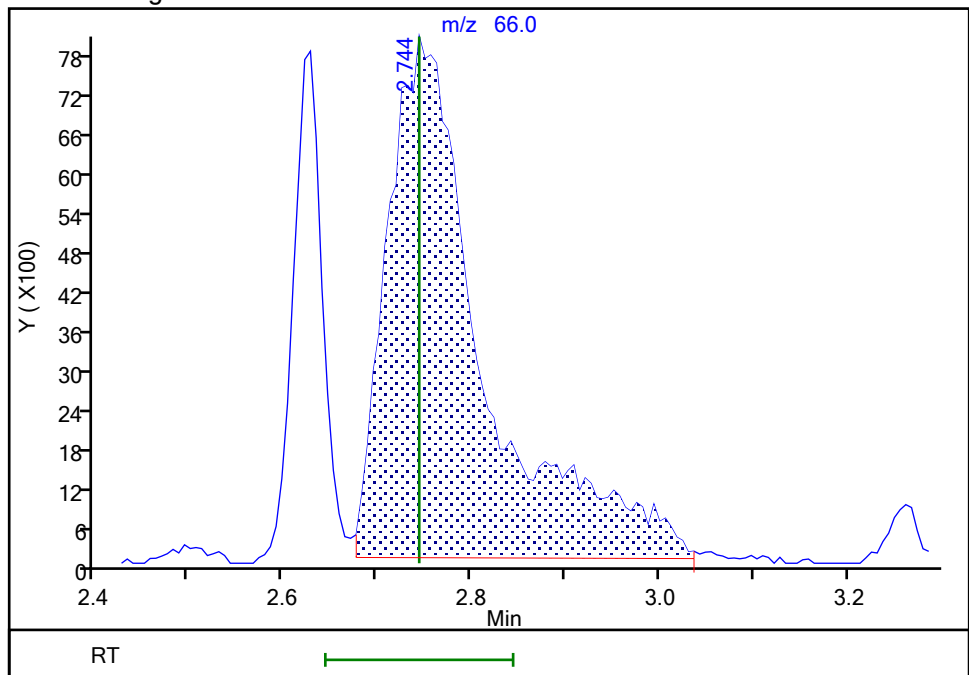
RT: 2.74  
Area: 8362  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.74  
Area: 56514  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: xuyvo, 16-Jan-2022 10:04:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

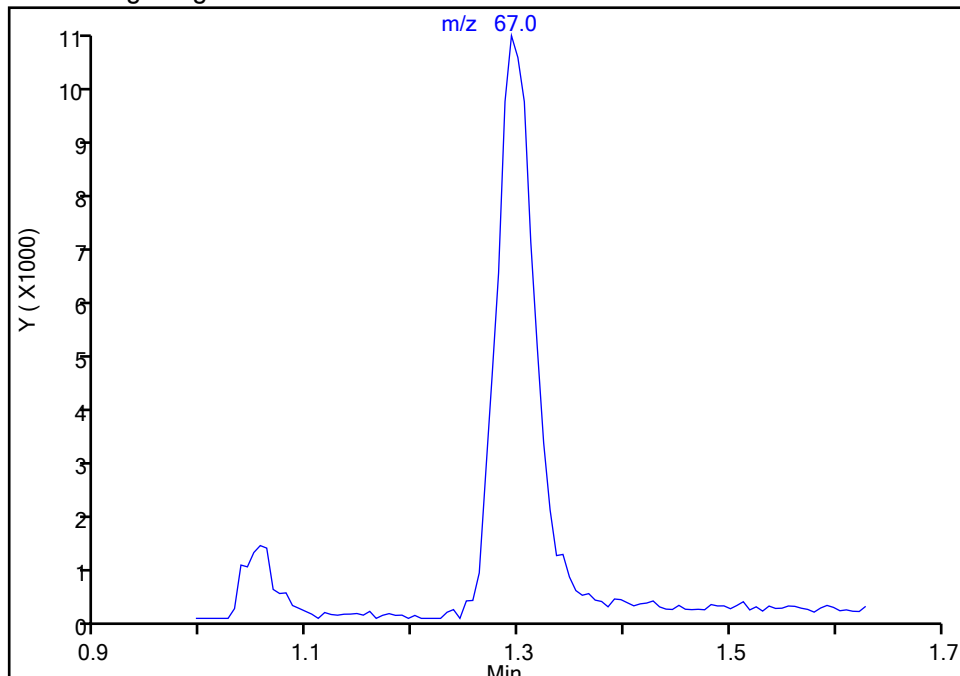
**5 Chlorodifluoromethane, CAS: 75-45-6**

Signal: 1

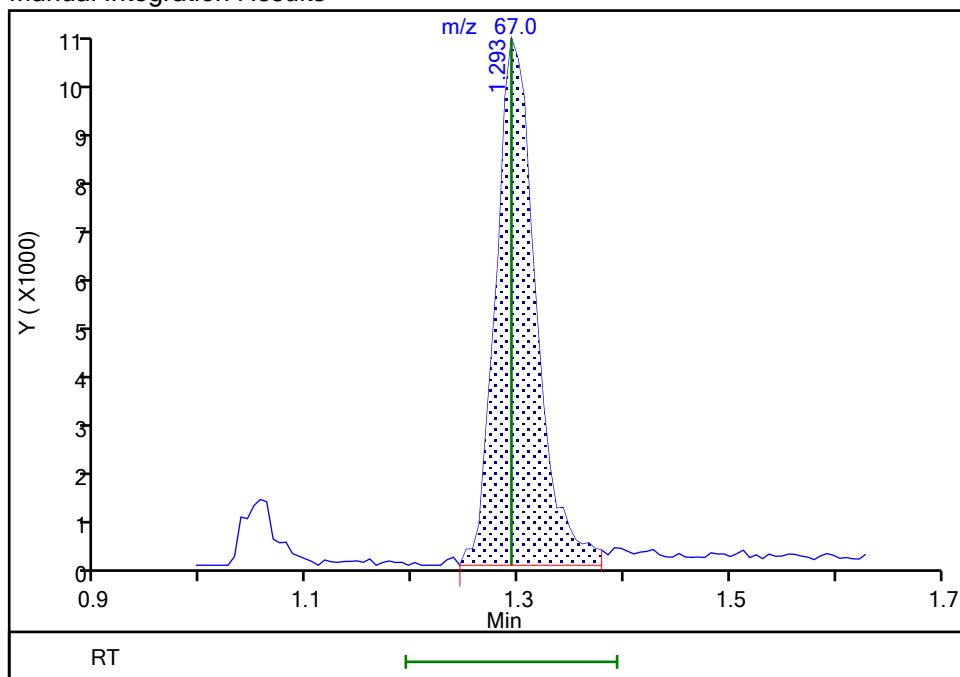
Not Detected

Expected RT: 1.29

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:30:50

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

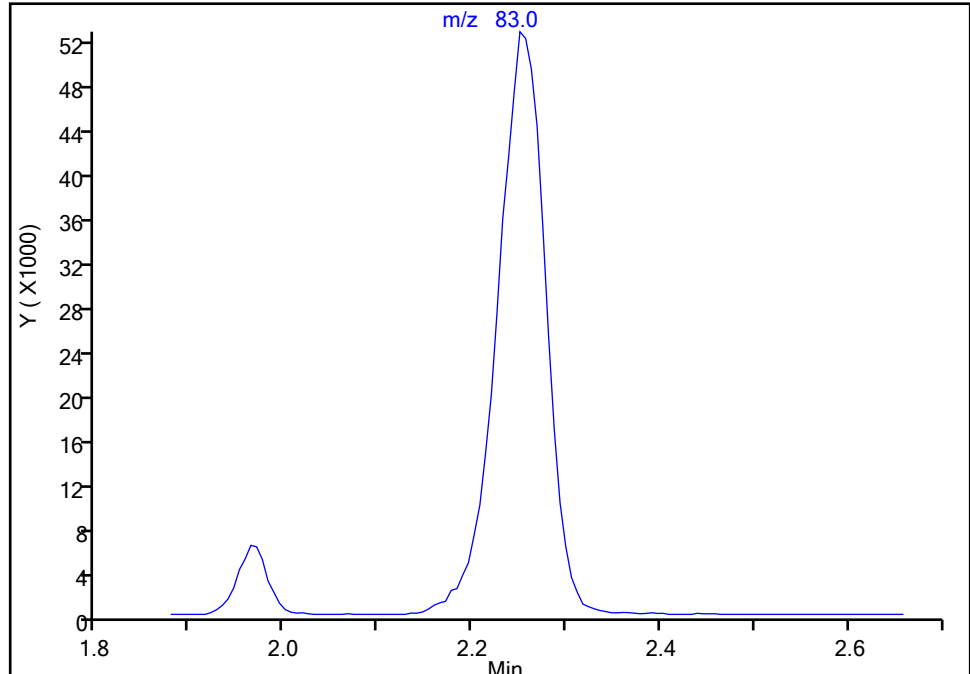
**18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2**

Signal: 1

Not Detected

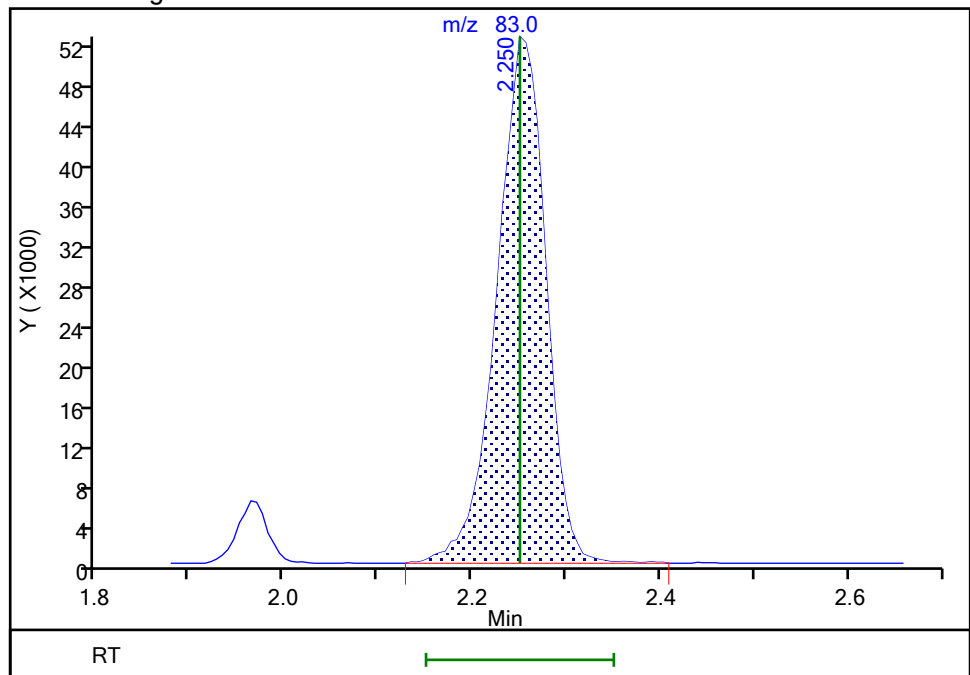
Expected RT: 2.25

## Processing Integration Results



RT: 2.25  
Area: 190056  
Amount: 19.312146  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:30:57

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

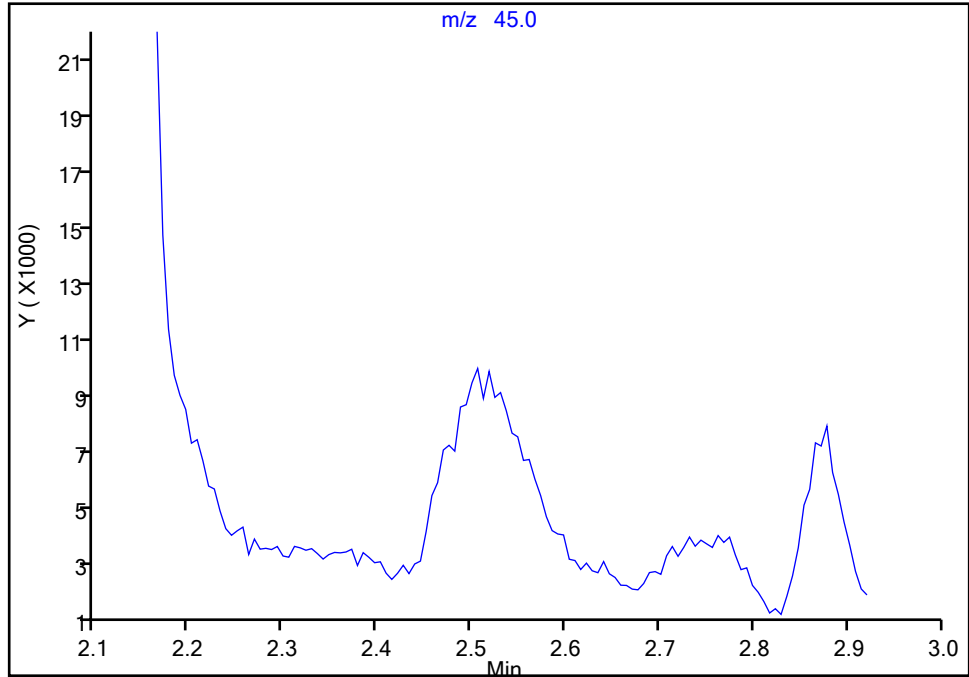
**25 Isopropyl alcohol, CAS: 67-63-0**

Signal: 1

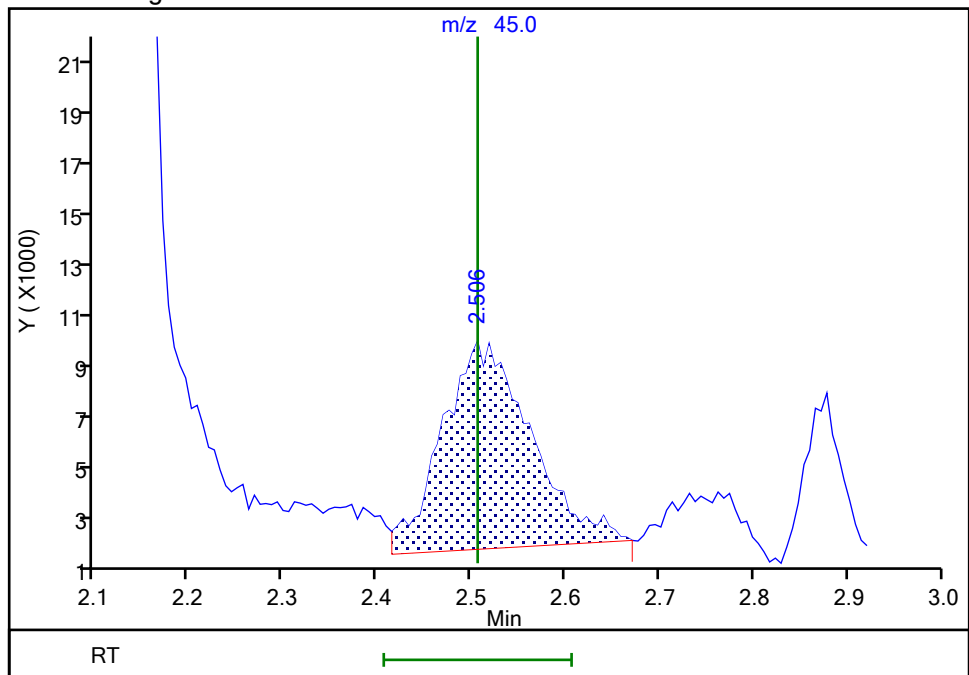
Not Detected

Expected RT: 2.51

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:31:04

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

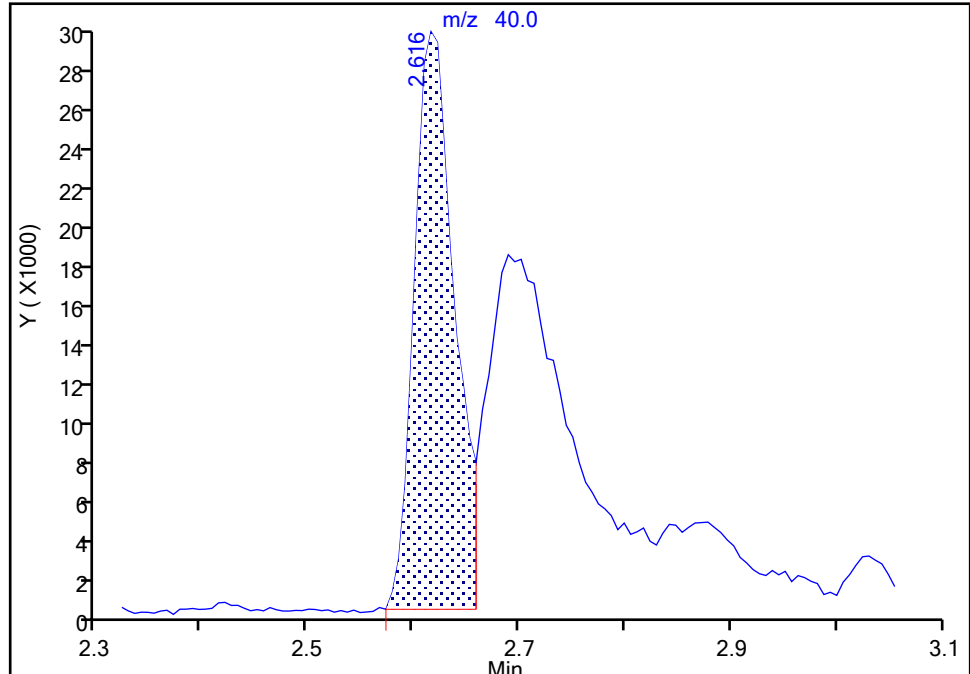
Detector: MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 1

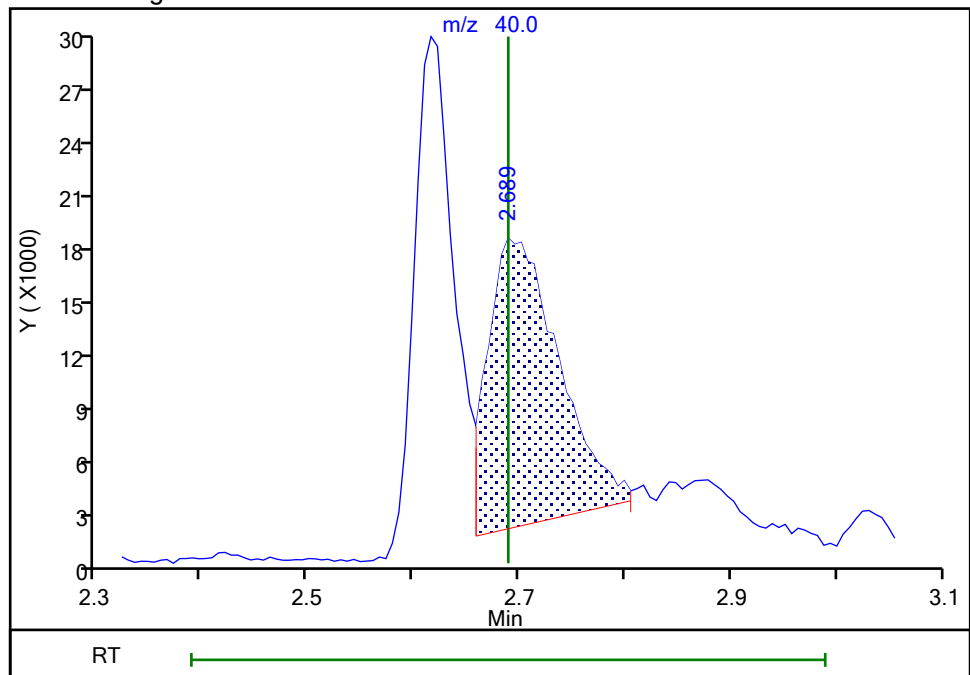
RT: 2.62  
Area: 76960  
Amount: 314.1043  
Amount Units: ug/l

## Processing Integration Results



RT: 2.69  
Area: 74846  
Amount: 165.1967  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:31:09

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

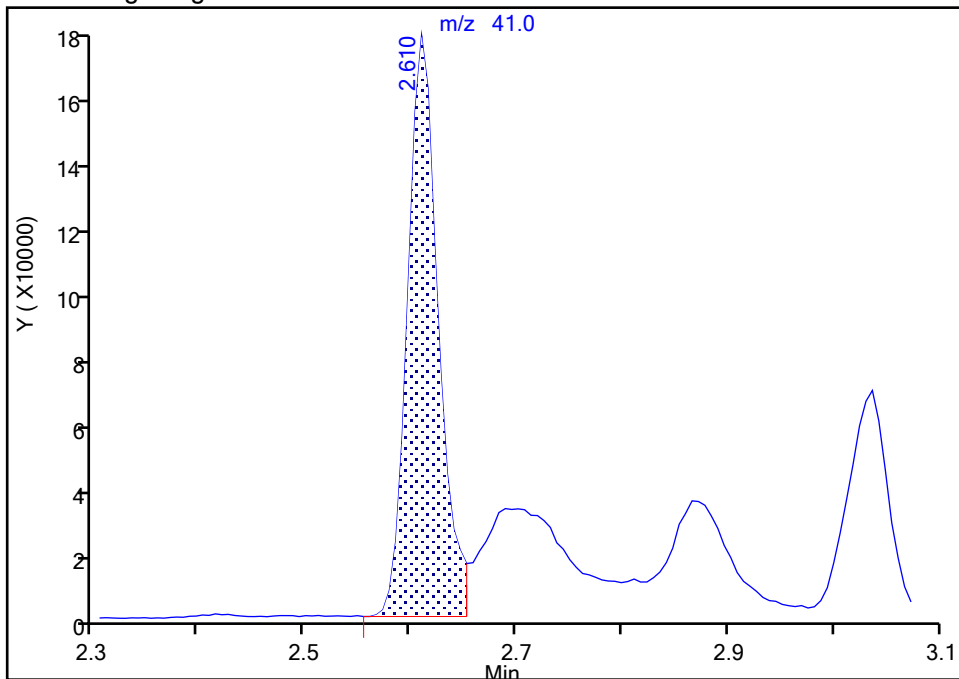
MS Quad

**29 Acetonitrile, CAS: 75-05-8**

Signal: 2

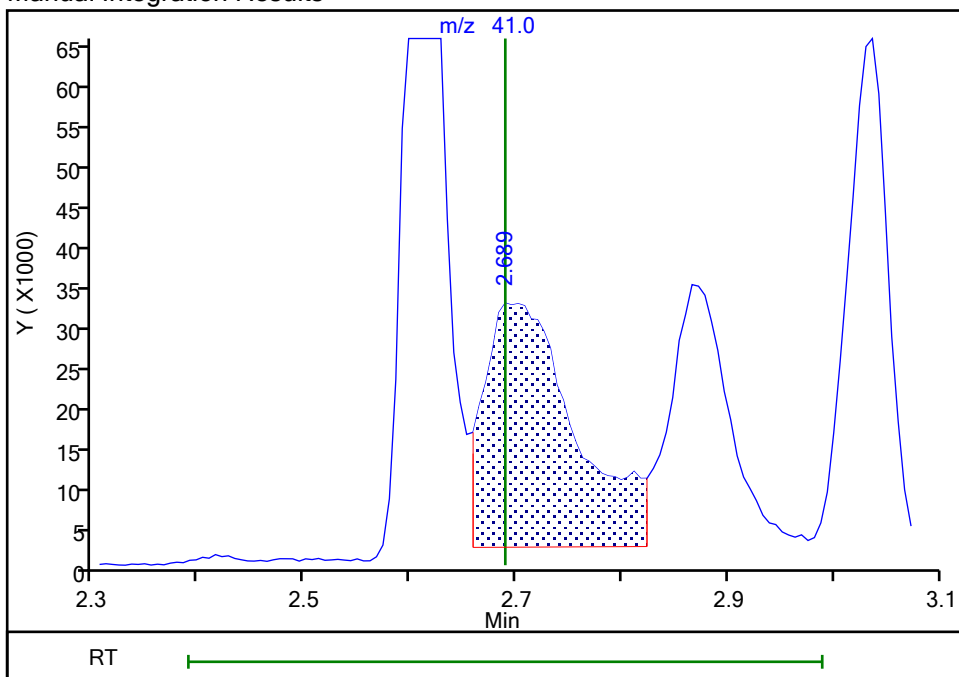
RT: 2.61  
Area: 345864  
Amount: 314.1043  
Amount Units: ug/l

## Processing Integration Results



RT: 2.69  
Area: 181900  
Amount: 165.1967  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:31:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

MS Quad

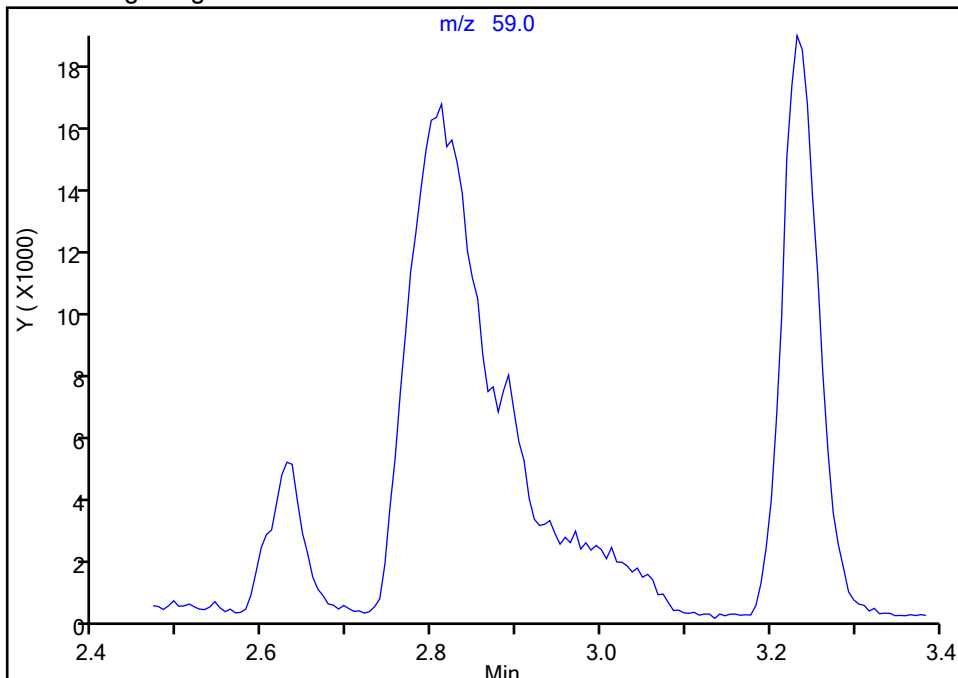
**32 2-Methyl-2-propanol, CAS: 75-65-0**

Signal: 1

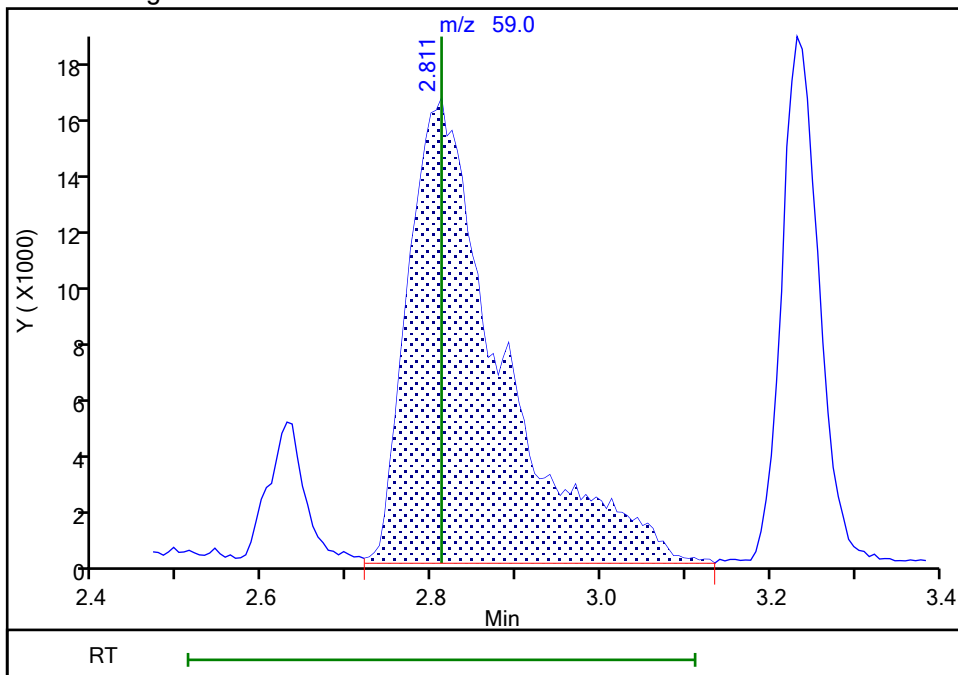
Not Detected

Expected RT: 2.81

## Processing Integration Results



## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:31:45

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

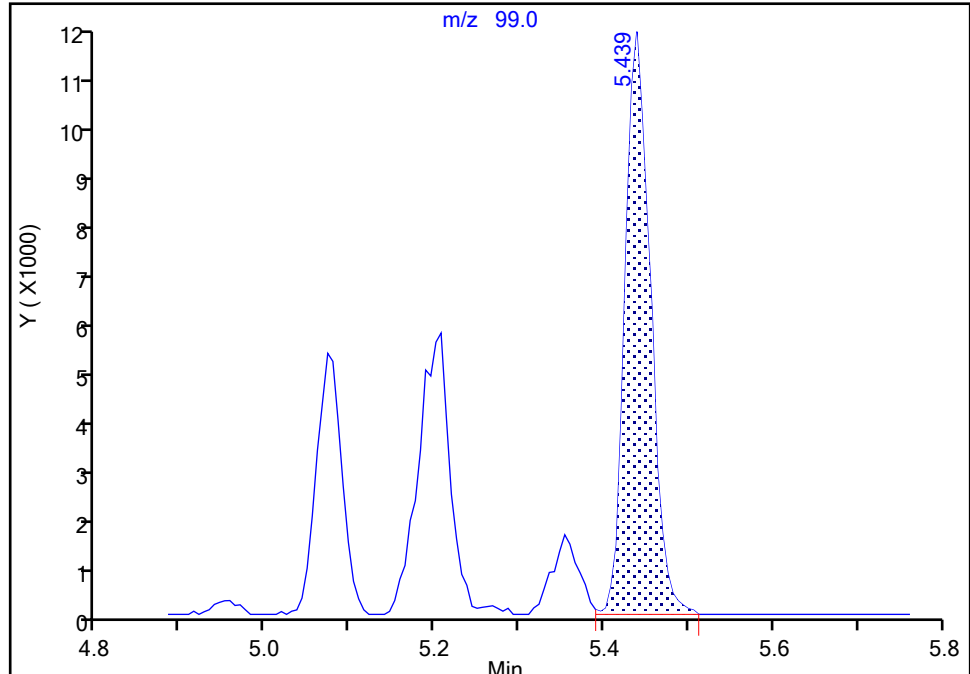
Detector: MS Quad

## 70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

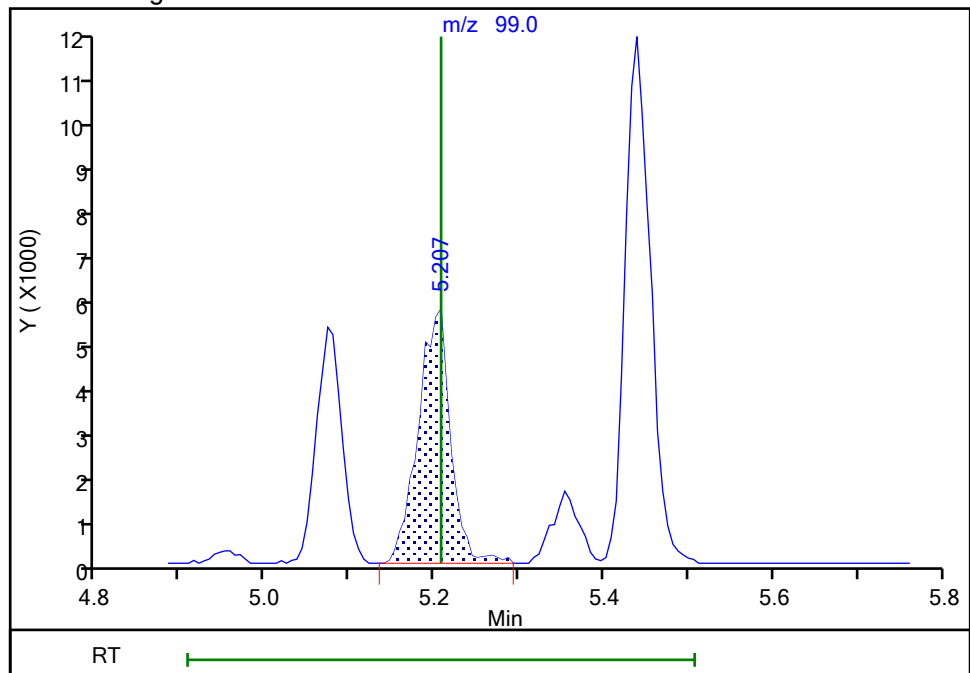
RT: 5.44  
Area: 24329  
Amount: 29.080194  
Amount Units: ug/l

## Processing Integration Results



RT: 5.21  
Area: 14808  
Amount: 17.652034  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:32:01

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49379.D

Injection Date: 14-Jan-2022 19:11:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

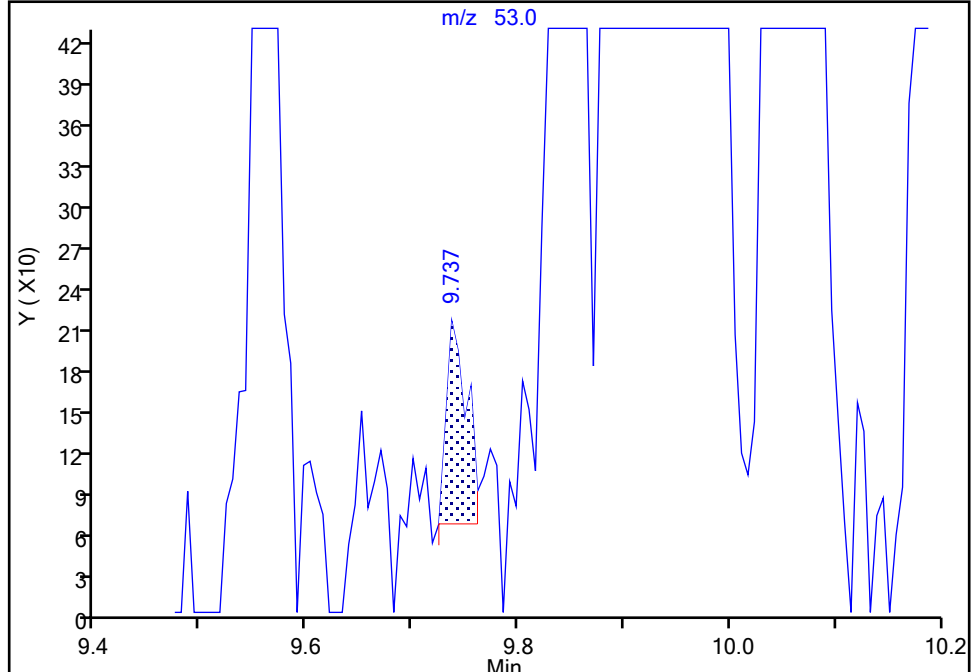
MS Quad

**110 trans-1,4-Dichloro-2-butene, CAS: 110-57-6**

Signal: 1

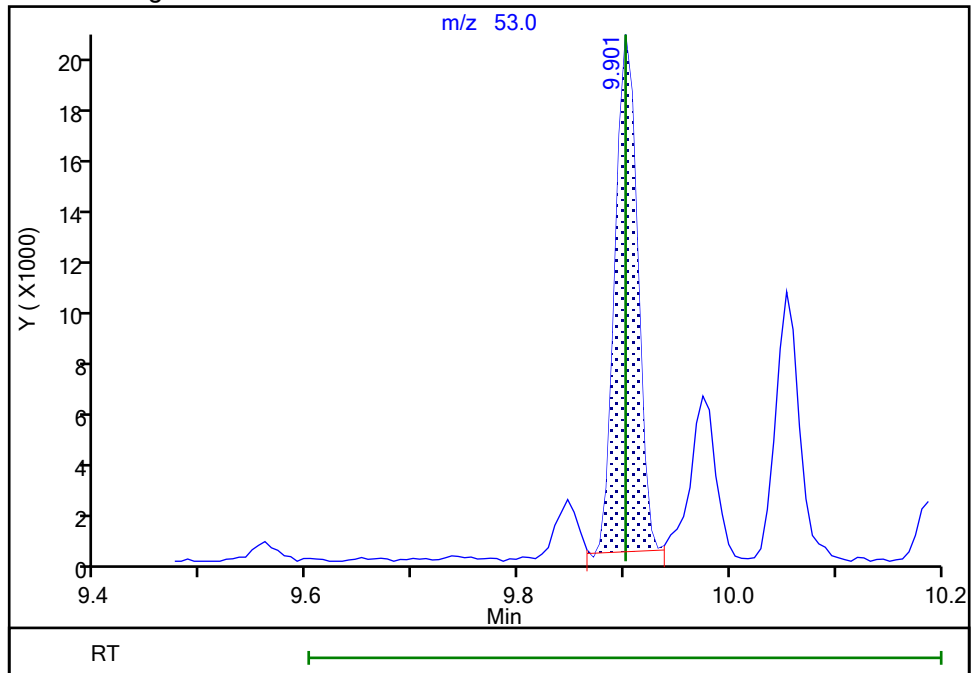
RT: 9.74  
Area: 200  
Amount: 0.125999  
Amount Units: ug/l

## Processing Integration Results



RT: 9.90  
Area: 30282  
Amount: 19.077467  
Amount Units: ug/l

## Manual Integration Results



Reviewer: boykink, 14-Jan-2022 19:32:14

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56941a.D  
Lims ID: BFB  
Client ID:  
Sample Type: BFB  
Inject. Date: 22-Oct-2021 07:28:31 ALS Bottle#: 0 Worklist Smp#: 1  
Injection Vol: 5.0 mL Dil. Factor: 1.0000  
Sample Info: BFB  
Misc. Info.: 460-0136419-001  
Operator ID: Instrument ID: CVOAMS15  
Method: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\8260W\_15.m  
Limit Group: VOA - 8260D Water and Solid  
Last Update: 22-Oct-2021 14:29:18 Calib Date: 22-Oct-2021 10:18:19  
Integrator: RTE ID Type: RT Order ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
Process Host: CTX1602

First Level Reviewer: desais

Date: 22-Oct-2021 08:27:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 141 BFB

**QC Flag Legend**

Processing Flags

**Reagents:**

BFB\_00030

Amount Added: 1.00

Units: uL

## Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56941a.D

Injection Date: 22-Oct-2021 07:28:31

Instrument ID: CVOAMS15

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 1

Injection Vol: 5.0 mL

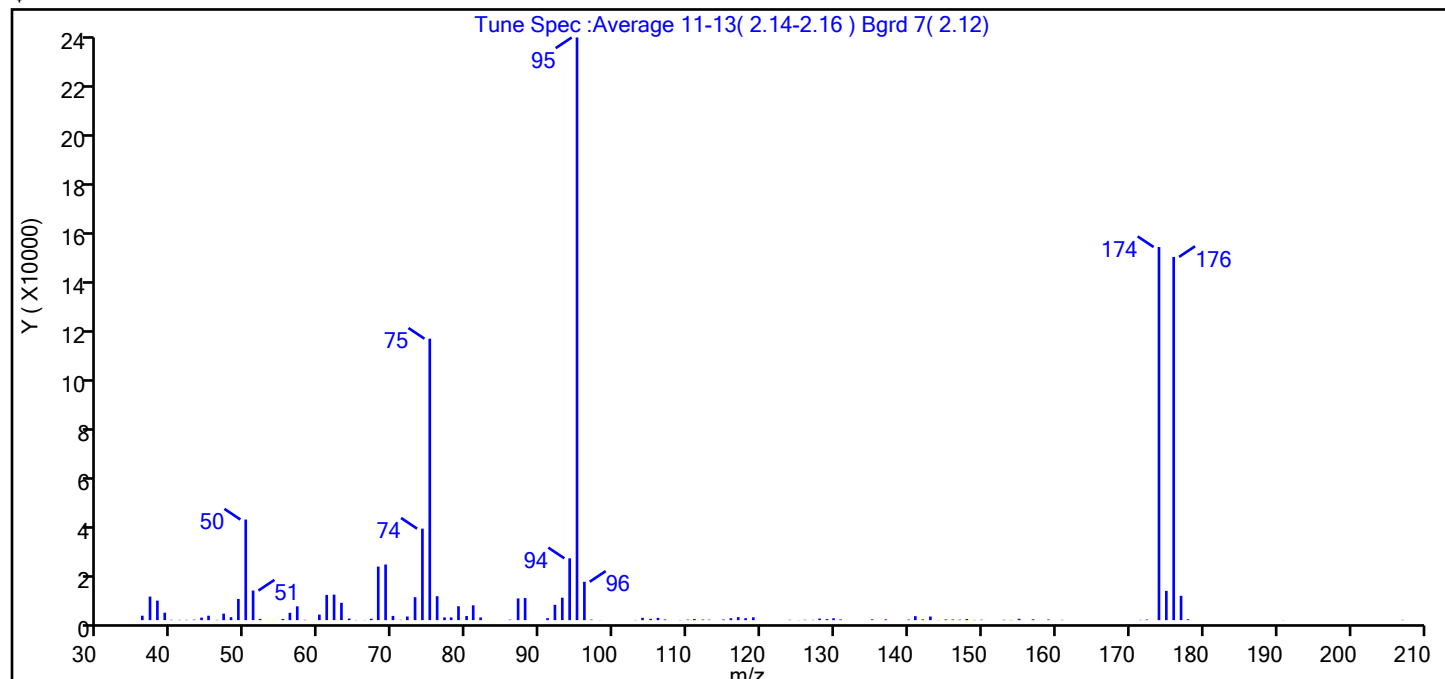
Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260D

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (156.2)
96	5 to 9% of m/z 95	6.6
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	64.0
175	5 to 9% of m/z 174	5.0 (7.8)
176	95 to 105% of m/z 174	62.3 (97.4)
177	5 to 10% of m/z 176	4.2 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56941a.D\8260W\_15.rslt\spectra.d  
Injection Date: 22-Oct-2021 07:28:31  
Spectrum: Tune Spec :Average 11-13( 2.14-2.16 ) Bgrd 7( 2.12)  
Base Peak: 94.95  
Minimum % Base Peak: 0  
Number of Points: 108

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1777	66.00	54	96.00	15412	137.00	307
37.00	9453	67.00	561	97.00	210	140.00	226
38.00	7851	68.00	21504	98.00	43	141.00	1600
39.00	2990	69.00	22336	103.00	78	142.00	288
40.00	141	70.00	1697	104.00	937	143.00	1444
41.00	128	71.00	111	105.00	520	144.00	52
42.00	133	72.00	1452	106.00	913	145.00	277
43.00	206	73.00	9223	107.00	280	146.00	265
44.00	1021	74.00	36744	109.00	72	147.00	202
45.00	1784	75.00	113024	110.00	211	148.00	452
46.00	121	76.00	9622	111.00	440	149.00	94
47.00	2615	77.00	1110	112.00	232	150.00	172
48.00	1179	78.00	1098	113.00	190	153.00	160
49.00	8508	79.00	5587	115.00	262	154.00	68
50.00	40400	80.00	1646	116.00	758	155.00	536
51.00	11878	81.00	5963	117.00	1198	157.00	330
52.00	493	82.00	1090	118.00	789	159.00	261
55.00	487	84.00	5	119.00	1139	161.00	130
56.00	2955	85.00	15	124.00	145	172.00	116
57.00	5548	86.00	189	125.00	53	172.00	241
58.00	136	87.00	8722	126.00	148	174.00	149824
60.00	2232	88.00	8875	127.00	103	175.00	11758
61.00	10132	91.00	796	128.00	614	176.00	145856
62.00	10236	92.00	6156	129.00	429	177.00	9780
63.00	6958	93.00	9019	130.00	745	178.00	337
64.00	652	94.00	24832	131.00	288	191.00	52
65.00	72	95.00	233984	135.00	297	207.00	122



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56941a.D

Injection Date: 22-Oct-2021 07:28:31

Instrument ID: CVOAMS15

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

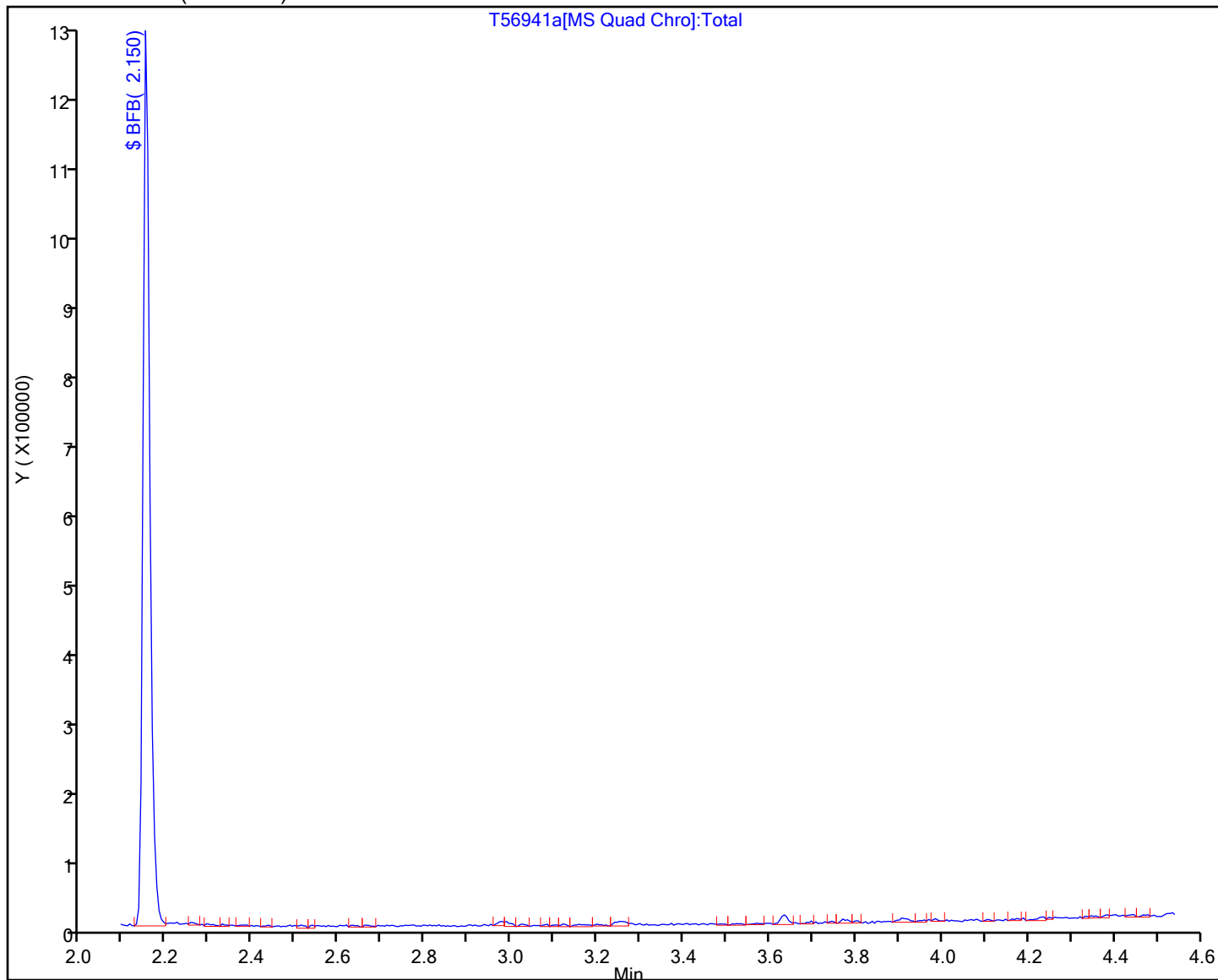
1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49272.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 11-Jan-2022 22:10:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0140108-001  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 19:44:20 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
----------	-----	--------------	------------------	------------------	---	----------	-----------------	-------------------	-------

\$ 141 BFB	95	2.946	2.946	0.000	0	252188	NR	NR	
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### QC Flag Legend

Processing Flags

NR - Missing Quant Standard

### Reagents:

BFB\_00031

Amount Added: 1.00

Units: uL

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49272.D

Injection Date: 11-Jan-2022 22:10:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

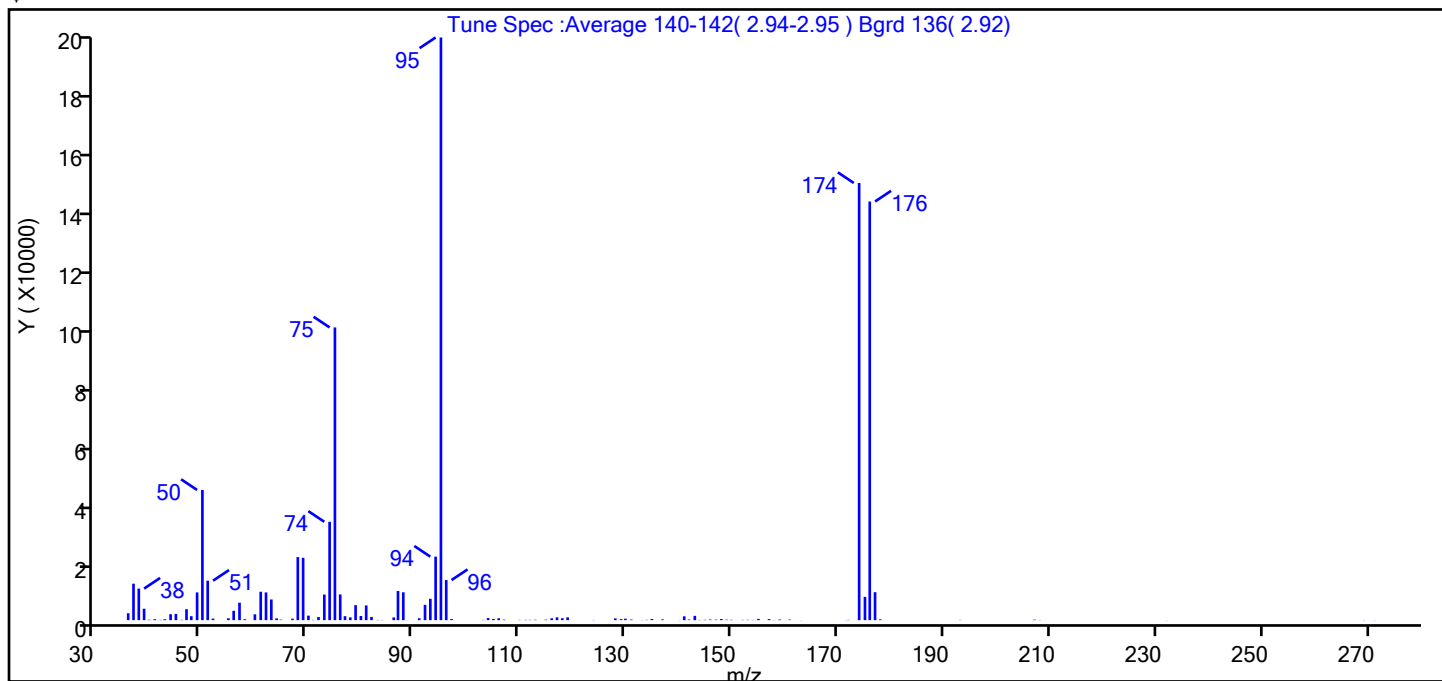
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.3
75	30 to 60% of m/z 95	50.2
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	75.0
175	5 to 9% of m/z 174	4.0 (5.3)
176	Greater than 95% but less than 101% of m/z 174	71.8 (95.8)
177	5 to 9% of m/z 176	4.8 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49272.D\8260W\_17.rslt\spectra.d  
Injection Date: 11-Jan-2022 22:10:30  
Spectrum: Tune Spec :Average 140-142( 2.94-2.95 ) Bgrd 136( 2.92)  
Base Peak: 95.10  
Minimum % Base Peak: 0  
Number of Points: 112

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2308	68.00	21168	103.00	79	145.00	120
37.00	12235	69.00	20920	104.00	694	146.00	212
38.00	10585	70.00	1514	105.00	386	147.00	162
39.00	3836	71.00	87	106.00	625	148.00	384
40.00	149	72.00	1045	107.00	166	149.00	149
41.00	317	73.00	8592	110.00	92	150.00	124
42.00	77	74.00	33008	111.00	108	152.00	95
43.00	322	75.00	98224	112.00	106	153.00	118
44.00	1995	76.00	8626	113.00	133	154.00	56
45.00	2083	77.00	1337	115.00	173	155.00	413
46.00	113	78.00	939	116.00	613	157.00	352
47.00	3682	79.00	5034	117.00	942	158.00	39
48.00	1329	80.00	1390	118.00	640	159.00	215
49.00	9306	81.00	4934	119.00	944	161.00	182
50.00	43688	82.00	1079	124.00	67	163.00	39
51.00	13232	83.00	83	128.00	587	172.00	46
52.00	526	84.00	54	129.00	344	172.00	91
55.00	635	86.00	905	130.00	492	174.00	146688
56.00	3132	87.00	9772	131.00	216	175.00	7807
57.00	5847	88.00	9340	133.00	41	176.00	140480
58.00	319	89.00	39	134.00	99	177.00	9390
60.00	1946	91.00	628	135.00	392	178.00	268
61.00	9529	92.00	5140	137.00	258	193.00	77
62.00	9302	93.00	7171	140.00	42	207.00	165
63.00	6938	94.00	21304	141.00	1277	208.00	61
64.00	598	95.00	195520	142.00	204	232.00	34
65.00	162	96.00	13447	143.00	1440	269.00	52
67.00	496	97.00	367	144.00	74	271.00	35

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49272.D

Injection Date: 11-Jan-2022 22:10:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

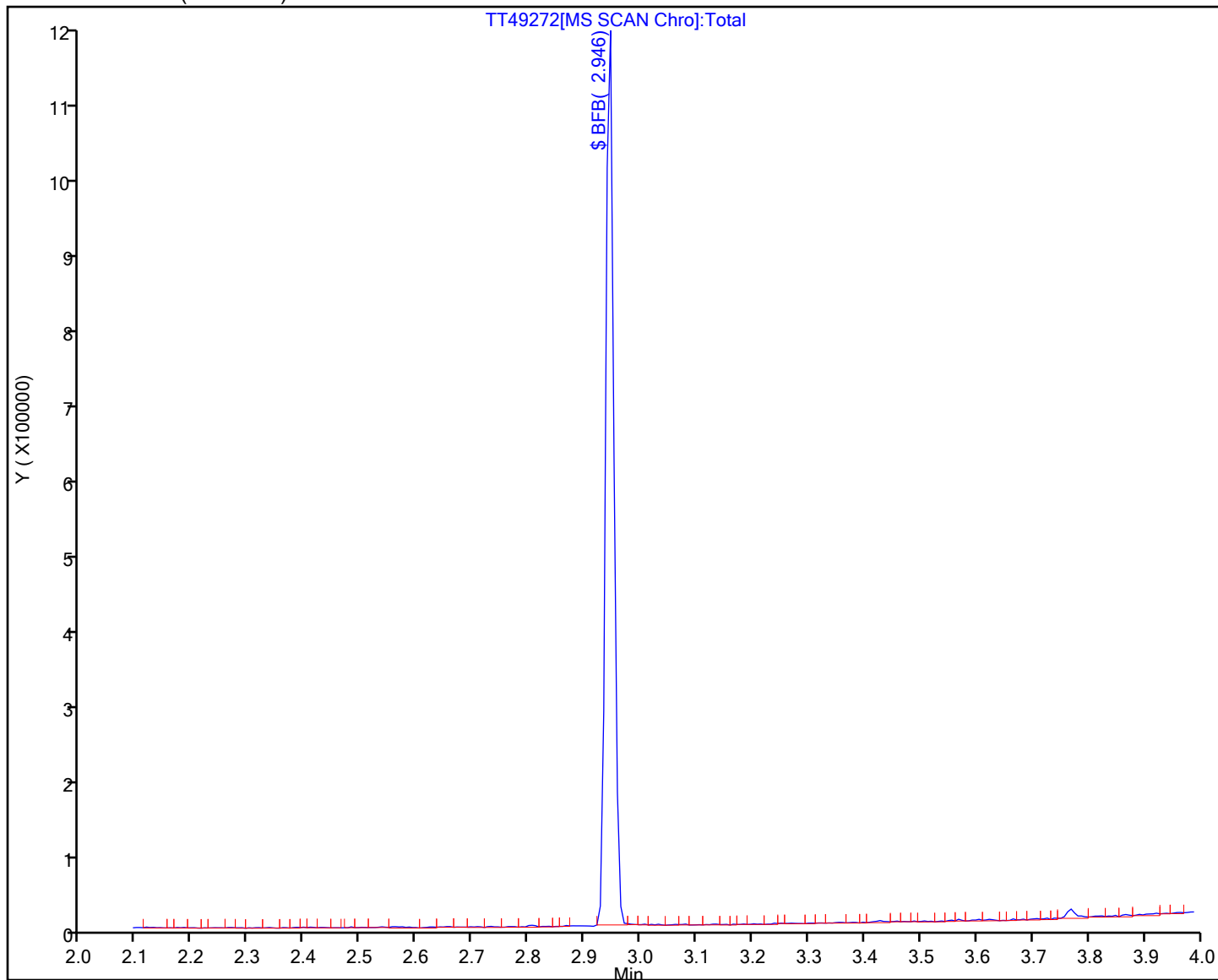
1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-822812/8  
 Matrix: Water Lab File ID: T60492.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/11/2022 19:31  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60492.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 11-Jan-2022 19:31:02 ALS Bottle#: 0 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0140098-008  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 06:50:35 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1629

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:42:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	1.517	1.524	-0.007	0	27932	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.212	2.213	-0.001	0	217123	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.578	0.000	0	136347	50.0	55.4	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	154632	50.0	53.9	
* 65 Fluorobenzene	96	3.108	3.109	-0.001	0	485627	50.0	50.0	
* 73 1,4-Dioxane-d8	96	3.742	3.743	-0.001	0	24335	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	4.687	4.688	-0.001	0	451392	50.0	46.5	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	360288	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	132238	50.0	52.0	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	179294	50.0	50.0	

**QC Flag Legend**

Processing Flags

**Reagents:**

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60492.D

Injection Date: 11-Jan-2022 19:31:02

Instrument ID: CVOAMS15

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 8

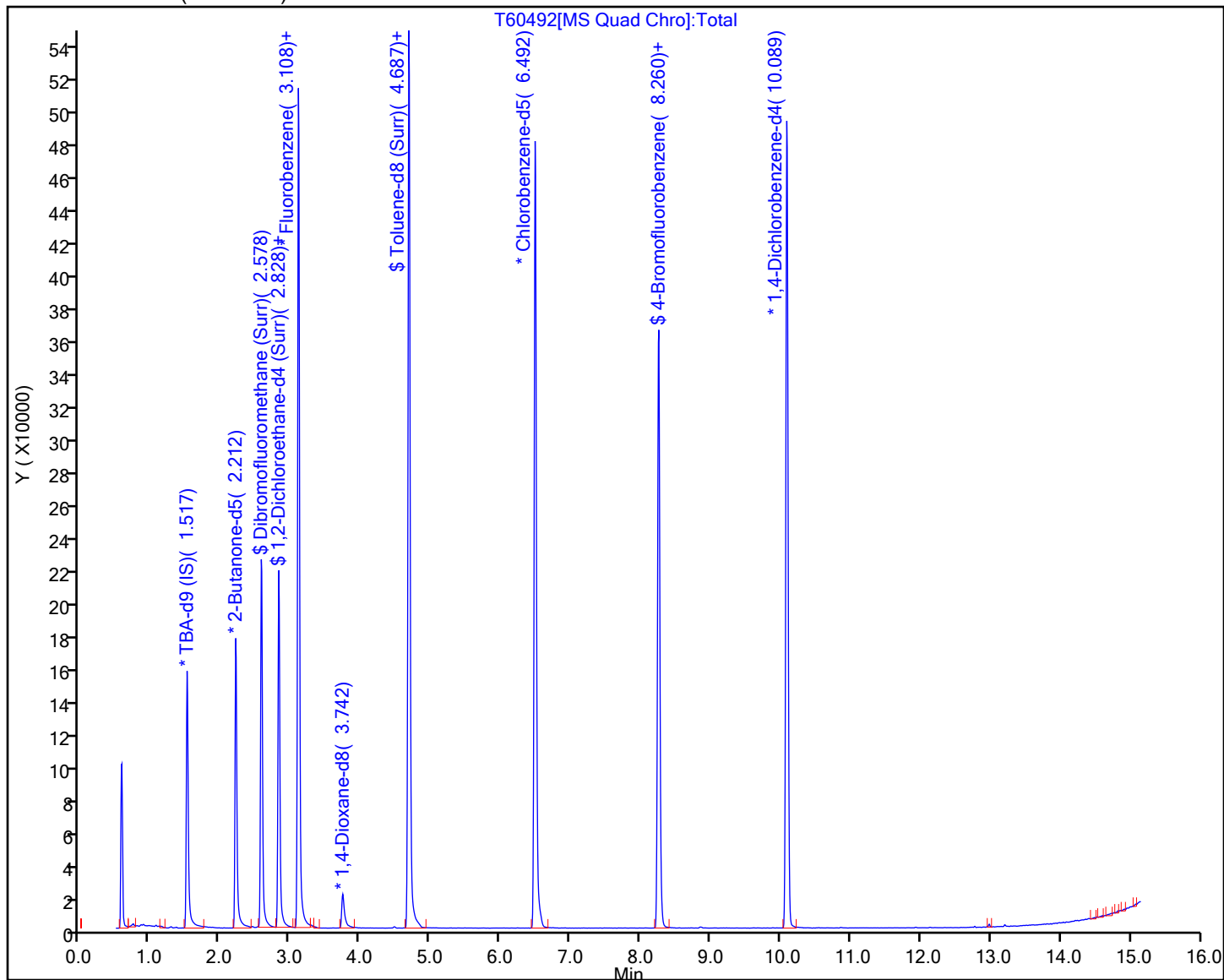
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)





FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-823456/8  
 Matrix: Water Lab File ID: TT49384.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/14/2022 20:55  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 823456 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
99-87-6	4-Isopropyltoluene	0.37	U	1.0	0.37
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
91-20-3	Naphthalene	0.88	U	1.0	0.88
104-51-8	n-Butylbenzene	0.32	U	1.0	0.32
103-65-1	N-Propylbenzene	0.32	U	1.0	0.32
95-47-6	o-Xylene	0.36	U	1.0	0.36
135-98-8	sec-Butylbenzene	0.37	U	1.0	0.37
98-06-6	tert-Butylbenzene	0.34	U	1.0	0.34
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49384.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 14-Jan-2022 20:55:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0140246-008  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 15-Jan-2022 09:41:49 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1682

First Level Reviewer: starzecm

Date: 15-Jan-2022 09:41:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.726	2.756	-0.030	97	39644	1000.0	1000.0	M
* 42 2-Butanone-d5	46	3.701	3.701	0.000	0	445717	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.153	4.158	-0.005	0	168343	50.0	51.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	219734	50.0	50.5	
* 66 Fluorobenzene	96	4.738	4.744	-0.006	0	672672	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.415	5.420	-0.005	0	22794	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	547717	50.0	52.0	
* 94 Chlorobenzene-d5	117	8.085	8.091	-0.006	0	390071	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.597	9.596	0.001	0	138384	50.0	51.6	
* 121 1,4-Dichlorobenzene-d4	152	10.792	10.791	0.001	0	211734	50.0	50.0	

**QC Flag Legend**

Processing Flags

Review Flags

M - Manually Integrated

**Reagents:**

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49384.D

Injection Date: 14-Jan-2022 20:55:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

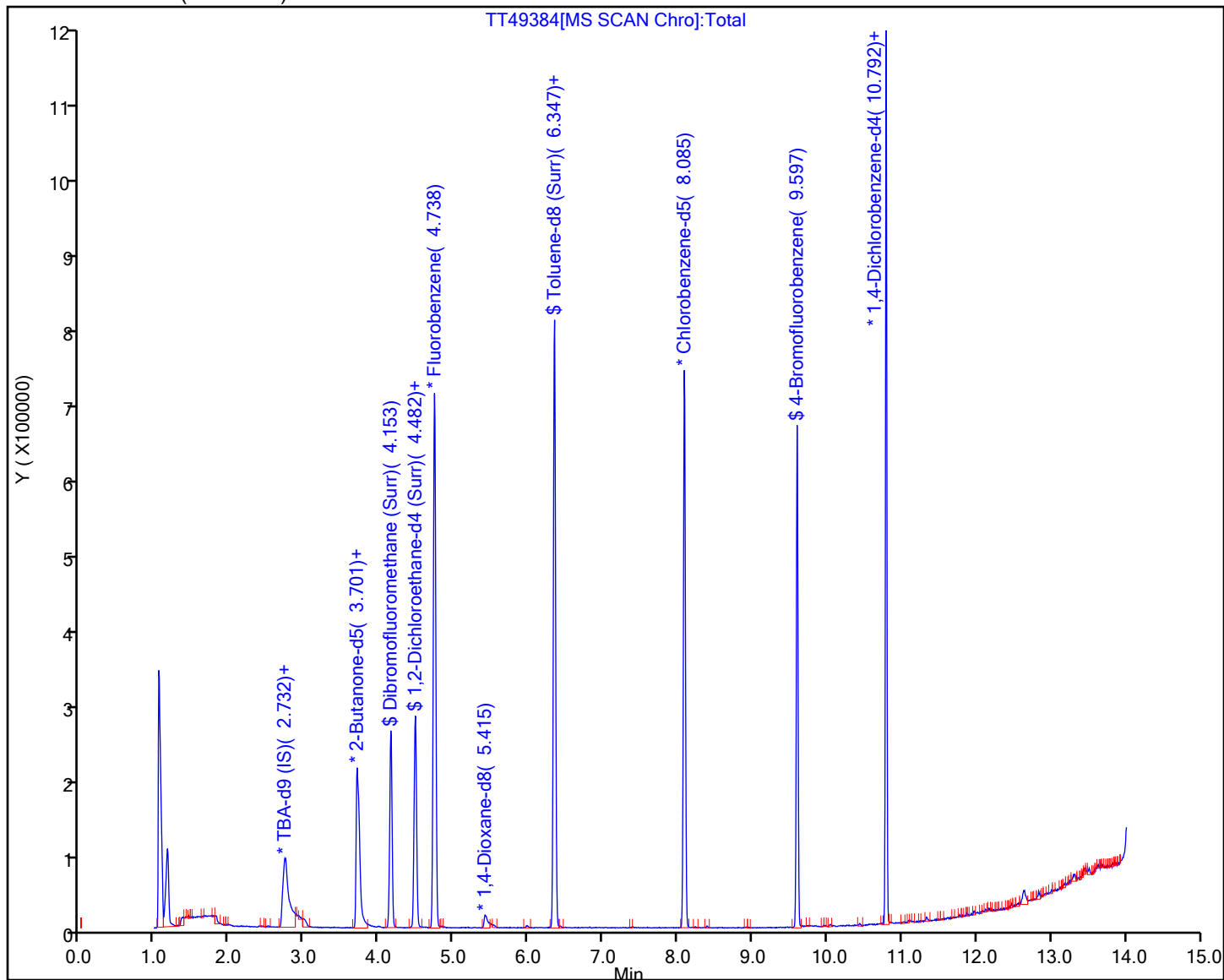
Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49384.D

Injection Date: 14-Jan-2022 20:55:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W\_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector

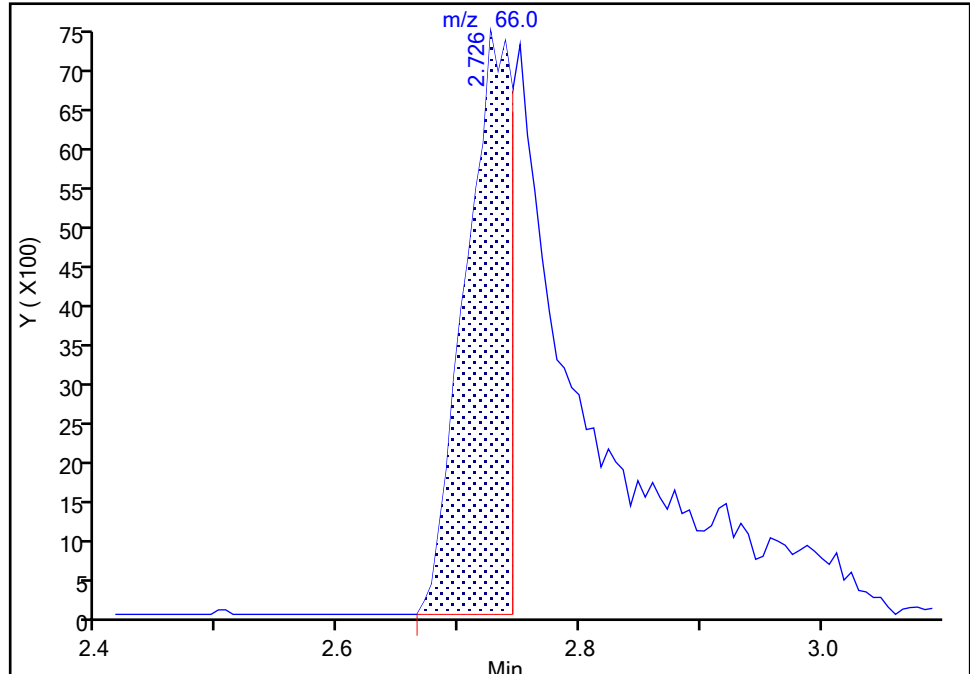
MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

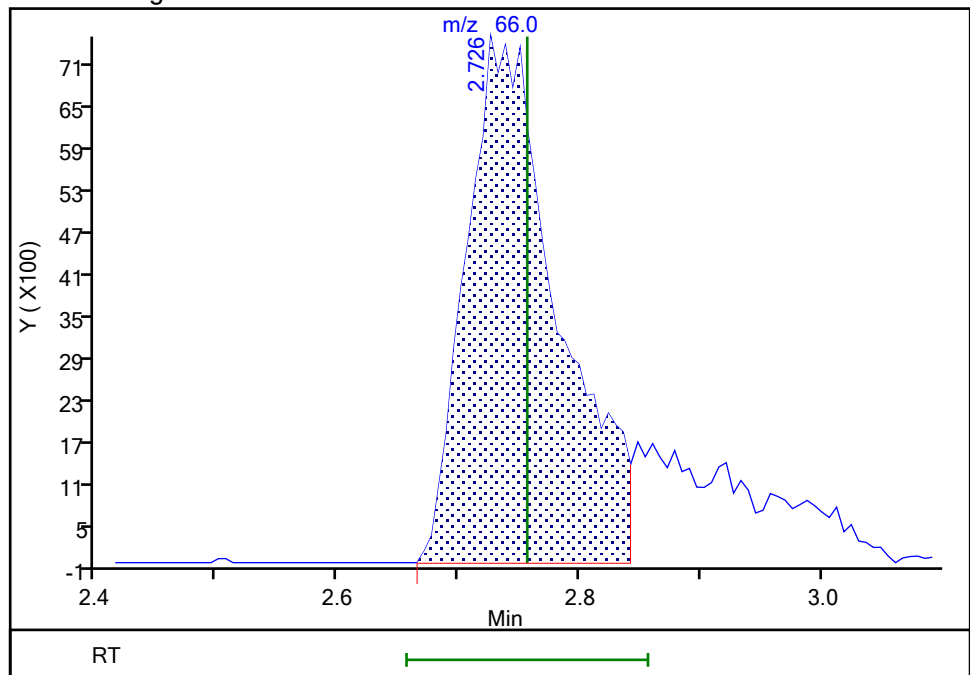
RT: 2.73  
Area: 20081  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.73  
Area: 39644  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: starzecm, 15-Jan-2022 09:34:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-822812/4  
 Matrix: Water Lab File ID: T60488.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/11/2022 18:06  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	18.1		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	17.7		1.0	0.33
99-87-6	4-Isopropyltoluene	19.1		1.0	0.37
71-43-2	Benzene	19.0		1.0	0.20
100-41-4	Ethylbenzene	18.6		1.0	0.30
98-82-8	Isopropylbenzene	18.5		1.0	0.34
1634-04-4	Methyl tert-butyl ether	18.3		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	18.3		1.0	0.30
91-20-3	Naphthalene	15.6		1.0	0.88
104-51-8	n-Butylbenzene	19.2		1.0	0.32
103-65-1	N-Propylbenzene	17.0		1.0	0.32
95-47-6	o-Xylene	18.4		1.0	0.36
135-98-8	sec-Butylbenzene	18.1		1.0	0.37
98-06-6	tert-Butylbenzene	18.0		1.0	0.34
108-88-3	Toluene	18.4		1.0	0.38
1330-20-7	Xylenes, Total	36.7		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60488.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 11-Jan-2022 18:06:02 ALS Bottle#: 0 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0140098-004  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 10:57:07 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1619

First Level Reviewer: parekhv

Date: 11-Jan-2022 18:28:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.603	0.603	0.000	36	757	20.0	7.95	
3 Chlorotrifluoroethene	116	0.640	0.640	0.000	54	6948	20.0	7.77	
2 1,1-Difluoroethane	65	0.646	0.652	-0.006	98	23870	20.0	18.3	
4 Dichlorodifluoromethane	85	0.652	0.658	-0.006	88	57065	20.0	20.1	
5 Chlorodifluoromethane	67	0.664	0.670	-0.006	78	10793	20.0	20.4	
6 Chloromethane	50	0.731	0.737	-0.006	88	52585	20.0	17.1	
7 Vinyl chloride	62	0.768	0.768	0.000	98	62113	20.0	19.8	
8 Butadiene	54	0.780	0.780	0.000	97	54200	20.0	19.3	
9 Bromomethane	94	0.890	0.890	0.000	98	19202	20.0	24.1	
10 Chloroethane	64	0.932	0.932	0.000	100	38072	20.0	31.8	
11 Dichlorofluoromethane	67	1.018	1.018	0.000	91	102540	20.0	24.1	
12 Trichlorofluoromethane	101	1.042	1.042	0.000	100	80692	20.0	23.4	
13 Pentane	72	1.073	1.072	0.001	95	12362	40.0	34.2	
14 Ethanol	46	1.127	1.127	0.000	93	11267	800.0	1001.1	
15 Ethyl ether	59	1.164	1.164	0.000	60	38962	20.0	18.3	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.170	1.170	0.000	80	47217	20.0	20.2	
17 2-Methyl-1,3-butadiene	53	1.176	1.176	0.000	82	44580	20.0	20.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.201	1.201	0.001	89	81788	20.0	21.0	
19 Acrolein	56	1.219	1.219	0.000	95	11057	40.6	29.3	
20 1,1-Dichloroethene	96	1.268	1.268	0.000	89	49141	20.0	20.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.268	1.274	-0.006	63	45193	20.0	19.5	
22 Acetone	43	1.292	1.292	0.000	86	66510	100.0	99.5	
23 Iodomethane	142	1.335	1.335	0.000	99	47275	20.0	22.1	
24 Carbon disulfide	76	1.365	1.365	0.000	99	161917	20.0	19.8	
25 Isopropyl alcohol	45	1.365	1.365	0.000	33	28677	200.0	189.8	
26 Acetonitrile	40	1.426	1.426	0.000	87	41117	200.0	284.7	
27 3-Chloro-1-propene	76	1.438	1.438	0.000	92	38822	20.0	22.4	
28 Methyl acetate	43	1.451	1.450	0.000	97	63832	40.0	35.3	
29 Cyclopentene	67	1.481	1.481	0.000	95	124563	20.0	19.6	
30 Methylene Chloride	84	1.499	1.499	0.000	88	56240	20.0	19.6	
* 31 TBA-d9 (IS)	66	1.524	1.524	0.000	0	36358	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	98	44585	200.0	181.4	
33 Acrylonitrile	53	1.621	1.627	-0.006	93	183944	200.0	181.5	
34 trans-1,2-Dichloroethene	96	1.640	1.646	-0.006	79	55605	20.0	20.0	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	97	138694	20.0	18.3	
36 Hexane	57	1.804	1.804	0.000	93	48779	20.0	17.1	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	104581	20.0	21.2	
38 Vinyl acetate	86	1.920	1.920	0.000	99	19572	40.0	41.9	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	73	52123	20.0	20.0	
40 Isopropyl ether	45	1.932	1.932	0.000	80	155711	20.0	19.9	
41 Tert-butyl ethyl ether	59	2.158	2.164	-0.006	88	141812	20.0	17.9	
* 42 2-Butanone-d5	46	2.213	2.219	-0.006	0	252535	250.0	250.0	
44 2,2-Dichloropropane	97	2.237	2.237	0.000	81	19091	20.0	18.6	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	87	59474	20.0	19.6	
45 2-Butanone (MEK)	43	2.255	2.255	0.000	99	92782	100.0	108.1	
46 Propionitrile	54	2.292	2.292	0.000	98	70576	200.0	244.8	
47 Ethyl acetate	70	2.310	2.310	0.000	99	9548	40.0	36.3	
48 Methyl acrylate	55	2.328	2.328	0.000	93	44151	20.0	14.8	
50 Methacrylonitrile	67	2.395	2.395	0.000	91	201463	200.0	173.5	
49 Chlorobromomethane	128	2.402	2.402	0.000	49	28053	20.0	22.8	
51 Tetrahydrofuran	72	2.438	2.438	0.000	75	13013	40.0	39.9	
52 Chloroform	83	2.469	2.469	0.000	93	99903	20.0	20.5	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.584	-0.006	0	132812	50.0	51.3	
54 1,1,1-Trichloroethane	97	2.591	2.591	0.001	83	87645	20.0	20.5	
55 Cyclohexane	84	2.633	2.633	0.000	91	63807	20.0	17.6	
56 Carbon tetrachloride	117	2.712	2.712	0.000	82	72057	20.0	20.1	
57 1,1-Dichloropropene	75	2.719	2.719	0.000	94	78477	20.0	19.7	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	157576	50.0	52.2	
59 Isobutyl alcohol	43	2.865	2.865	0.000	43	37400	500.0	514.3	
60 Benzene	78	2.871	2.871	0.000	97	215591	20.0	19.0	
61 1,2-Dichloroethane	62	2.889	2.889	0.000	80	74221	20.0	20.5	
62 Isooctane	57	2.962	2.968	-0.006	91	85737	20.0	17.2	a
63 Isopropyl acetate	61	2.987	2.987	0.000	91	16283	20.0	15.2	
64 Tert-amyl methyl ether	73	2.993	2.993	0.000	84	133075	20.0	17.0	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	511188	50.0	50.0	
66 n-Heptane	43	3.139	3.139	0.000	78	38853	20.0	18.2	
67 Trichloroethene	95	3.438	3.438	0.000	95	58087	20.0	19.0	
68 n-Butanol	56	3.462	3.462	0.000	89	24315	500.0	370.9	
69 Ethyl acrylate	55	3.596	3.596	0.000	95	98690	20.0	16.4	
70 Methylcyclohexane	83	3.609	3.609	0.000	88	58873	20.0	17.1	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	87	54879	20.0	19.5	
72 Dibromomethane	93	3.743	3.743	0.000	71	35872	20.0	20.3	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	29451	1000.0	1000.0	
74 1,4-Dioxane	88	3.792	3.792	0.000	53	12851	400.0	393.9	
75 Methyl methacrylate	100	3.810	3.810	0.000	89	24007	40.0	31.5	
76 n-Propyl acetate	43	3.895	3.895	0.000	97	58845	20.0	16.1	
77 Dichlorobromomethane	83	3.920	3.920	0.000	96	75577	20.0	20.5	
78 2-Nitropropane	41	4.163	4.163	0.000	98	22413	40.0	31.0	
79 2-Chloroethyl vinyl ether	106	4.285	4.285	0.000	93	7373	20.0	15.5	
80 Epichlorohydrin	57	4.316	4.316	0.000	98	98928	400.0	516.4	
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	88	89366	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	4.615	4.615	0.000	97	195012	100.0	100.5	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	468583	50.0	47.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	4.761	4.761	0.000	93	219386	20.0	18.4	
85 trans-1,3-Dichloropropene	75	5.066	5.066	0.000	95	80650	20.0	18.6	
86 Ethyl methacrylate	69	5.255	5.255	0.000	86	53396	20.0	15.0	
87 1,1,2-Trichloroethane	83	5.267	5.267	0.000	90	39781	20.0	18.5	
88 Tetrachloroethene	166	5.407	5.407	0.000	88	49960	20.0	20.0	
89 1,3-Dichloropropane	76	5.462	5.462	0.000	93	81569	20.0	18.6	
90 2-Hexanone	43	5.651	5.651	0.000	96	138591	100.0	98.1	
91 Chlorodibromomethane	129	5.736	5.736	0.000	96	52724	20.0	19.5	
92 Ethylene Dibromide	107	5.840	5.840	0.000	98	49979	20.0	18.6	
93 n-Butyl acetate	43	5.883	5.883	0.000	98	63196	20.0	15.6	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	370362	50.0	50.0	
95 Chlorobenzene	112	6.529	6.529	0.000	92	137890	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	6.675	6.675	0.000	91	47753	20.0	18.9	
97 Ethylbenzene	106	6.742	6.742	0.000	99	69834	20.0	18.6	
98 m-Xylene & p-Xylene	106	6.919	6.919	0.000	92	84872	20.0	18.3	
99 o-Xylene	106	7.480	7.480	0.000	92	81379	20.0	18.4	
100 Styrene	104	7.510	7.510	0.000	92	138047	20.0	18.2	
101 n-Butyl acrylate	73	7.614	7.614	0.000	97	31936	20.0	14.7	
102 Bromoform	173	7.718	7.718	0.000	94	33692	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	7.998	7.998	0.000	91	75705	20.0	15.5	
104 Isopropylbenzene	105	8.077	8.077	0.000	96	201937	20.0	18.5	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	134288	50.0	51.3	
106 Bromobenzene	156	8.425	8.425	0.000	96	54046	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	8.589	8.589	0.000	89	63265	20.0	16.6	
108 1,2,3-Trichloropropane	110	8.589	8.589	0.000	85	17743	20.0	16.3	
109 trans-1,4-Dichloro-2-butene	53	8.681	8.681	0.000	87	19354	20.0	18.2	
110 N-Propylbenzene	91	8.724	8.724	0.000	98	241263	20.0	17.0	
111 2-Chlorotoluene	91	8.772	8.772	0.000	96	162614	20.0	19.2	
112 4-Ethyltoluene	105	8.919	8.919	0.000	98	191893	20.0	17.8	
113 4-Chlorotoluene	91	8.961	8.961	0.000	99	181961	20.0	18.6	
114 1,3,5-Trimethylbenzene	105	9.034	9.034	0.000	91	158007	20.0	17.7	
115 Butyl Methacrylate	87	9.352	9.351	0.001	92	54975	20.0	14.8	
116 tert-Butylbenzene	119	9.534	9.534	0.000	92	128302	20.0	18.0	
117 1,2,4-Trimethylbenzene	105	9.614	9.614	0.000	98	164038	20.0	18.1	
118 sec-Butylbenzene	105	9.894	9.894	0.000	99	187564	20.0	18.1	
119 1,3-Dichlorobenzene	146	9.967	9.967	0.000	93	92161	20.0	20.0	
* 120 1,4-Dichlorobenzene-d4	152	10.095	10.089	0.006	0	181239	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.126	10.126	0.000	90	97505	20.0	20.3	
122 4-Isopropyltoluene	119	10.181	10.181	0.000	88	157629	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	10.272	10.272	0.000	99	173341	20.0	19.0	
124 Benzyl chloride	91	10.394	10.394	0.000	98	111936	20.0	15.5	
125 2,3-Dihydroindene	117	10.546	10.546	0.000	90	165445	20.0	19.1	
126 1,2-Dichlorobenzene	146	10.711	10.711	0.000	94	89854	20.0	20.4	
127 p-Diethylbenzene	119	10.827	10.827	0.000	88	78260	20.0	18.7	a
128 n-Butylbenzene	92	10.857	10.857	0.000	97	82408	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	11.882	11.881	0.001	94	11002	20.0	14.6	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	96	134698	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	95	51334	20.0	21.5	
132 1,2,4-Trichlorobenzene	180	12.772	12.772	0.000	91	43909	20.0	20.3	
134 Naphthalene	128	12.979	12.979	0.000	99	113632	20.0	15.6	
133 Hexachlorobutadiene	225	12.979	12.985	-0.006	54	17596	20.0	21.6	
135 1,2,3-Trichlorobenzene	180	13.204	13.204	0.000	91	33418	20.0	19.3	



Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 137 Xylenes, Total	100				0		40.0	36.7	
S 140 Total BTEX	1				0		100.0	92.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.6	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00149

Amount Added: 20.00

Units: uL

ACROLEIN W\_00135

Amount Added: 4.00

Units: uL

524freon\_00047

Amount Added: 20.00

Units: uL

GASES Li\_00458

Amount Added: 20.00

Units: uL

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60488.D

Injection Date: 11-Jan-2022 18:06:02

Instrument ID: CVOAMS15

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 4

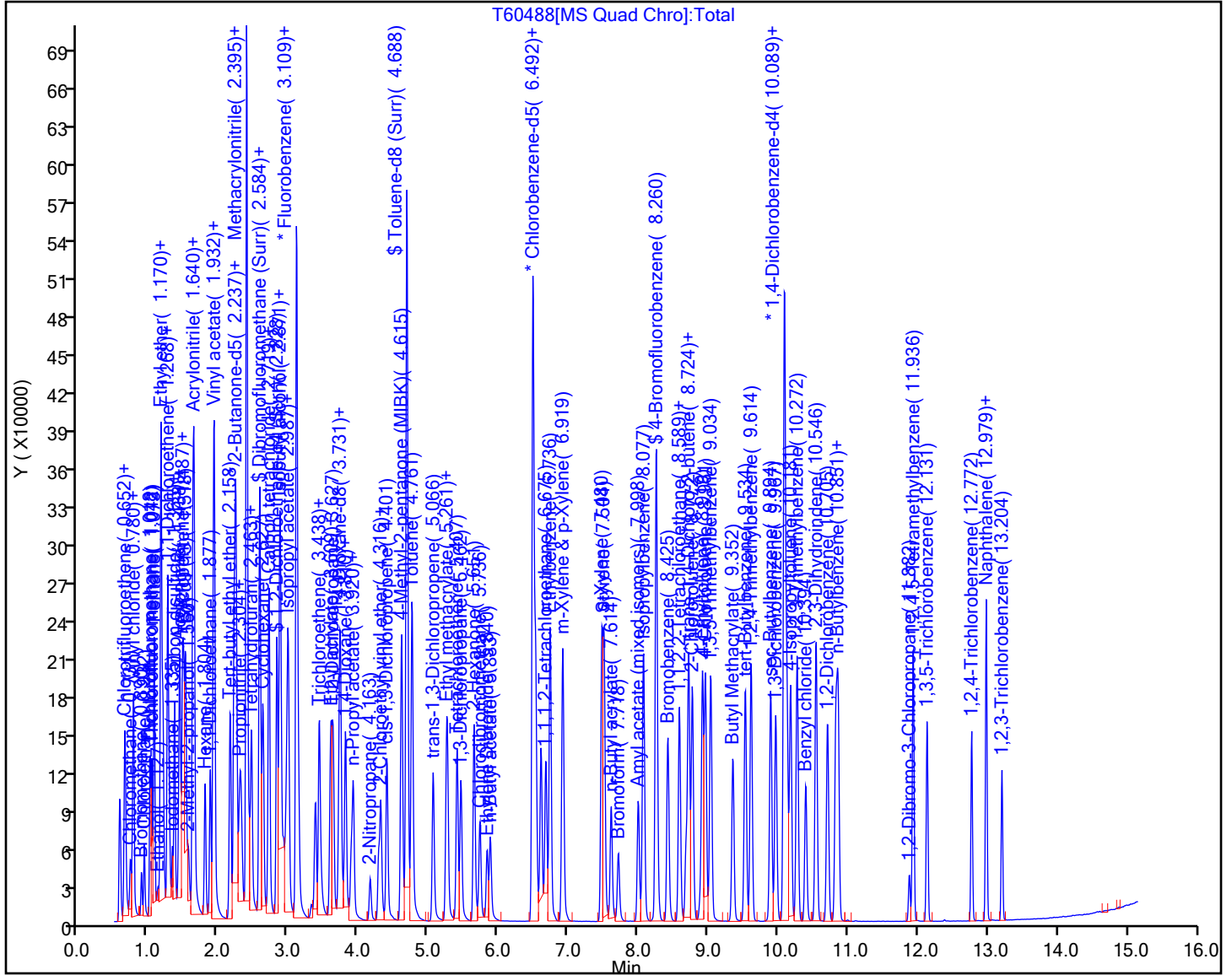
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-823456/4  
 Matrix: Water Lab File ID: TT49380.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/14/2022 19:32  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 823456 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	20.0		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	19.9		1.0	0.33
99-87-6	4-Isopropyltoluene	19.4		1.0	0.37
71-43-2	Benzene	18.6		1.0	0.20
100-41-4	Ethylbenzene	18.8		1.0	0.30
98-82-8	Isopropylbenzene	20.0		1.0	0.34
1634-04-4	Methyl tert-butyl ether	20.3		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	18.7		1.0	0.30
91-20-3	Naphthalene	21.6		1.0	0.88
104-51-8	n-Butylbenzene	19.3		1.0	0.32
103-65-1	N-Propylbenzene	19.3		1.0	0.32
95-47-6	o-Xylene	19.6		1.0	0.36
135-98-8	sec-Butylbenzene	19.1		1.0	0.37
98-06-6	tert-Butylbenzene	14.3		1.0	0.34
108-88-3	Toluene	18.2		1.0	0.38
1330-20-7	Xylenes, Total	38.2		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49380.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 14-Jan-2022 19:32:30 ALS Bottle#: 3 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0140246-004  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jan-2022 13:44:13 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: xuyvo

Date: 16-Jan-2022 13:44:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.183	-0.012	0	3916	20.0	9.67	
3 Chlorotrifluoroethene	116	1.257	1.257	0.000	94	27262	20.0	14.8	a
2 1,1-Difluoroethane	65	1.269	1.263	0.006	0	62385	20.0	14.9	
4 Dichlorodifluoromethane	85	1.287	1.281	0.006	0	136593	20.0	15.2	
5 Chlorodifluoromethane	67	1.305	1.293	0.012	0	25534	20.0	15.3	
6 Chloromethane	50	1.440	1.427	0.013	0	218550	20.0	17.5	
8 Butadiene	54	1.513	1.507	0.006	0	186394	20.0	17.4	
7 Vinyl chloride	62	1.513	1.507	0.006	0	195741	20.0	17.3	
9 Bromomethane	94	1.757	1.750	0.007	0	112429	20.0	15.2	
10 Chloroethane	64	1.805	1.799	0.006	0	115000	20.0	14.6	
11 Dichlorofluoromethane	67	1.970	1.964	0.006	0	281785	20.0	18.3	
13 Pentane	72	1.982	1.976	0.006	0	39647	40.0	37.9	
12 Trichlorofluoromethane	101	1.982	1.976	0.006	0	177750	20.0	18.1	
15 Ethyl ether	74	2.153	2.147	0.006	0	71257	20.0	20.0	
14 Ethanol	46	2.159	2.153	0.006	0	18133	800.0	953.7	
16 2-Methyl-1,3-butadiene	53	2.165	2.159	0.006	0	129784	20.0	18.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.208	2.202	0.006	0	94166	20.0	18.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.256	2.250	0.006	97	178483	20.0	18.5	a
19 Acrolein	56	2.311	2.299	0.012	0	28783	40.6	41.0	
20 112TCTFE	101	2.317	2.317	0.000	0	109093	20.0	18.5	
21 1,1-Dichloroethene	96	2.336	2.330	0.006	0	107912	20.0	17.8	
22 Acetone	43	2.421	2.421	0.000	0	208004	100.0	93.2	
23 Iodomethane	142	2.476	2.470	0.006	0	179196	20.0	18.5	
24 Carbon disulfide	76	2.506	2.500	0.006	0	493875	20.0	18.2	
25 Isopropyl alcohol	45	2.506	2.506	0.000	28	40026	200.0	181.1	a
26 3-Chloro-1-propene	76	2.616	2.610	0.006	0	79873	20.0	19.0	
28 Cyclopentene	67	2.628	2.622	0.006	0	317291	20.0	19.1	
27 Methyl acetate	43	2.634	2.628	0.006	0	221624	40.0	41.1	
29 Acetonitrile	41	2.695	2.689	0.006	0	194377	200.0	181.6	
30 Methylene Chloride	84	2.732	2.726	0.006	0	141892	20.0	18.9	
* 31 TBA-d9 (IS)	66	2.756	2.744	0.012	47	55006	1000.0	1000.0	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.811	2.811	0.000	96	122679	200.0	194.5	a
33 Methyl tert-butyl ether	73	2.878	2.872	0.006	0	360002	20.0	20.3	
34 trans-1,2-Dichloroethene	96	2.897	2.890	0.007	0	122272	20.0	18.3	
35 Acrylonitrile	53	2.976	2.970	0.006	0	559711	200.0	217.6	
36 Hexane	57	3.037	3.037	0.000	0	187730	20.0	19.5	
37 Isopropyl ether	45	3.238	3.232	0.006	0	569141	20.0	20.1	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	0	259287	20.0	18.8	
39 Vinyl acetate	86	3.275	3.275	0.000	0	42577	40.0	36.2	
40 2-Chloro-1,3-butadiene	88	3.305	3.299	0.006	0	108377	20.0	19.2	
41 Tert-butyl ethyl ether	59	3.531	3.524	0.007	0	445078	20.0	20.4	
* 42 2-Butanone-d5	46	3.707	3.701	0.006	0	499729	250.0	250.0	
43 2,2-Dichloropropane	97	3.726	3.726	0.000	0	40997	20.0	18.3	
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	0	132764	20.0	18.6	
45 2-Butanone (MEK)	72	3.756	3.756	0.000	0	55827	100.0	84.2	
46 Ethyl acetate	70	3.756	3.756	0.000	0	22096	40.0	36.3	
47 Methyl acrylate	55	3.805	3.805	0.000	0	97977	20.0	20.1	
48 Propionitrile	54	3.890	3.890	0.000	0	183352	200.0	164.4	
49 Chlorobromomethane	128	3.957	3.957	0.000	0	58645	20.0	18.8	
50 Tetrahydrofuran	72	3.963	3.957	0.006	0	30548	40.0	38.5	
51 Methacrylonitrile	67	3.982	3.976	0.006	0	467807	200.0	215.4	
52 Chloroform	83	4.006	4.006	0.000	0	216407	20.0	19.0	
53 Cyclohexane	84	4.122	4.122	0.000	0	171402	20.0	18.1	
54 1,1,1-Trichloroethane	97	4.140	4.134	0.006	0	174189	20.0	18.7	
\$ 55 Dibromofluoromethane (Surr)	113	4.159	4.152	0.006	0	178780	50.0	51.3	
56 Carbon tetrachloride	117	4.250	4.250	0.000	0	133474	20.0	17.9	
57 1,1-Dichloropropene	75	4.274	4.274	0.000	0	165124	20.0	18.6	
59 Isooctane	57	4.439	4.433	0.006	0	479582	20.0	19.1	
58 Isobutyl alcohol	43	4.433	4.433	0.000	41	199184	500.0	394.8	a
60 Benzene	78	4.469	4.463	0.006	0	475171	20.0	18.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	240813	50.0	52.3	
62 Tert-amyl methyl ether	73	4.536	4.530	0.006	0	420655	20.0	21.5	
63 Isopropyl acetate	61	4.536	4.543	-0.007	0	67386	20.0	20.9	
64 1,2-Dichloroethane	62	4.555	4.549	0.006	0	154635	20.0	18.3	
65 n-Heptane	100	4.616	4.616	0.000	0	25223	20.0	17.6	
* 66 Fluorobenzene	96	4.744	4.738	0.006	0	711418	50.0	50.0	
67 n-Butanol	56	5.061	5.055	0.006	0	49090	500.0	516.1	
68 Trichloroethene	95	5.073	5.073	0.000	0	106168	20.0	17.7	
69 Methylcyclohexane	83	5.189	5.189	0.000	0	194391	20.0	18.3	
70 Ethyl acrylate	99	5.201	5.207	-0.006	0	14060	20.0	17.1	
71 1,2-Dichloropropane	63	5.353	5.353	0.000	0	129727	20.0	18.6	
* 72 1,4-Dioxane-d8	96	5.420	5.427	-0.007	0	24713	1000.0	1000.0	
73 Methyl methacrylate	100	5.439	5.439	0.000	0	43502	40.0	41.2	
74 Dibromomethane	93	5.475	5.475	0.000	0	63907	20.0	18.6	
75 1,4-Dioxane	88	5.475	5.475	0.000	0	17175	400.0	595.9	
76 n-Propyl acetate	43	5.500	5.500	0.000	0	173605	20.0	22.2	
77 Dichlorobromomethane	83	5.628	5.628	0.000	0	140390	20.0	18.2	
78 2-Nitropropane	41	5.963	5.957	0.006	0	52276	40.0	34.3	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	0	63056	20.0	19.6	
80 Epichlorohydrin	57	6.067	6.061	0.006	0	215134	400.0	398.3	
81 cis-1,3-Dichloropropene	75	6.115	6.109	0.006	0	165295	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	253618	100.0	99.6	
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	605707	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.420	6.420	0.000	0	431145	20.0	18.2	
85 trans-1,3-Dichloropropene	75	6.774	6.774	0.000	0	136799	20.0	18.9	
86 Ethyl methacrylate	69	6.817	6.810	0.007	0	131812	20.0	21.1	
87 1,1,2-Trichloroethane	83	6.981	6.981	0.000	0	74784	20.0	19.4	
88 Tetrachloroethene	166	7.012	7.006	0.006	0	84528	20.0	17.8	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	146420	20.0	19.0	
90 2-Hexanone	43	7.262	7.262	0.000	0	404739	100.0	99.9	
91 n-Butyl acetate	43	7.383	7.383	0.000	0	201818	20.0	21.6	
92 Chlorodibromomethane	129	7.402	7.402	0.000	0	77765	20.0	18.7	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	73482	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.091	8.085	0.006	0	439443	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	0	242722	20.0	18.1	
96 Ethylbenzene	106	8.237	8.237	0.000	0	141477	20.0	18.8	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	0	102907	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.389	8.395	-0.006	0	170104	20.0	18.7	
99 o-Xylene	106	8.908	8.908	0.000	91	185297	20.0	19.6	
100 n-Butyl acrylate	73	8.926	8.926	0.000	0	81398	20.0	21.3	
101 Styrene	104	8.950	8.950	0.000	0	273726	20.0	20.1	
102 Bromoform	173	9.206	9.200	0.006	0	48673	20.0	19.7	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	273482	20.0	16.8	
104 Isopropylbenzene	105	9.371	9.371	0.000	0	511570	20.0	20.0	
\$ 105 4-Bromofluorobenzene	174	9.596	9.603	-0.007	0	153426	50.0	50.8	
106 Bromobenzene	156	9.743	9.743	0.000	0	96613	20.0	18.3	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	129412	20.0	20.8	
108 N-Propylbenzene	91	9.846	9.846	0.000	0	617876	20.0	19.3	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	0	30388	20.0	20.1	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	81	30438	20.0	19.2	a
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	412790	20.0	19.0	
112 4-Ethyltoluene	105	9.981	9.981	0.000	0	471977	20.0	20.1	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	417954	20.0	19.9	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	380546	20.0	19.1	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	140091	20.0	15.0	
116 tert-Butylbenzene	119	10.371	10.371	0.000	0	301913	20.0	14.3	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	428833	20.0	20.0	
118 sec-Butylbenzene	105	10.590	10.590	0.000	0	532755	20.0	19.1	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	194948	20.0	18.4	
120 4-Isopropyltoluene	119	10.736	10.736	0.000	0	435116	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.791	0.000	0	223352	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	192562	20.0	18.1	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	0	450174	20.0	19.6	
124 Benzyl chloride	91	10.962	10.962	0.000	0	229422	20.0	22.6	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	402653	20.0	19.7	
126 p-Diethylbenzene	119	11.090	11.096	-0.006	0	230297	20.0	19.1	
127 n-Butylbenzene	92	11.114	11.114	0.000	0	262391	20.0	19.3	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	197574	20.0	18.4	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	409495	20.0	19.6	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	22409	20.0	21.5	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	169211	20.0	18.4	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	0	159909	20.0	18.0	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	56836	20.0	16.9	
134 Naphthalene	128	12.663	12.663	0.000	0	416189	20.0	21.6	
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	153039	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.9	
S 137 Xylenes, Total	100				0		40.0	38.2	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.7	
S 140 Total BTEX	1				0		100.0	93.9	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00149

Amount Added: 20.00

Units: uL

524freon\_00047

Amount Added: 20.00

Units: uL

ACROLEIN W\_00135

Amount Added: 4.00

Units: uL

GASES Li\_00458

Amount Added: 20.00

Units: uL

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49380.D

Instrument ID: CVOAMS17

Client ID:

Operator ID:

Purge Vol: 5.000 mL

Method: 8260W 17

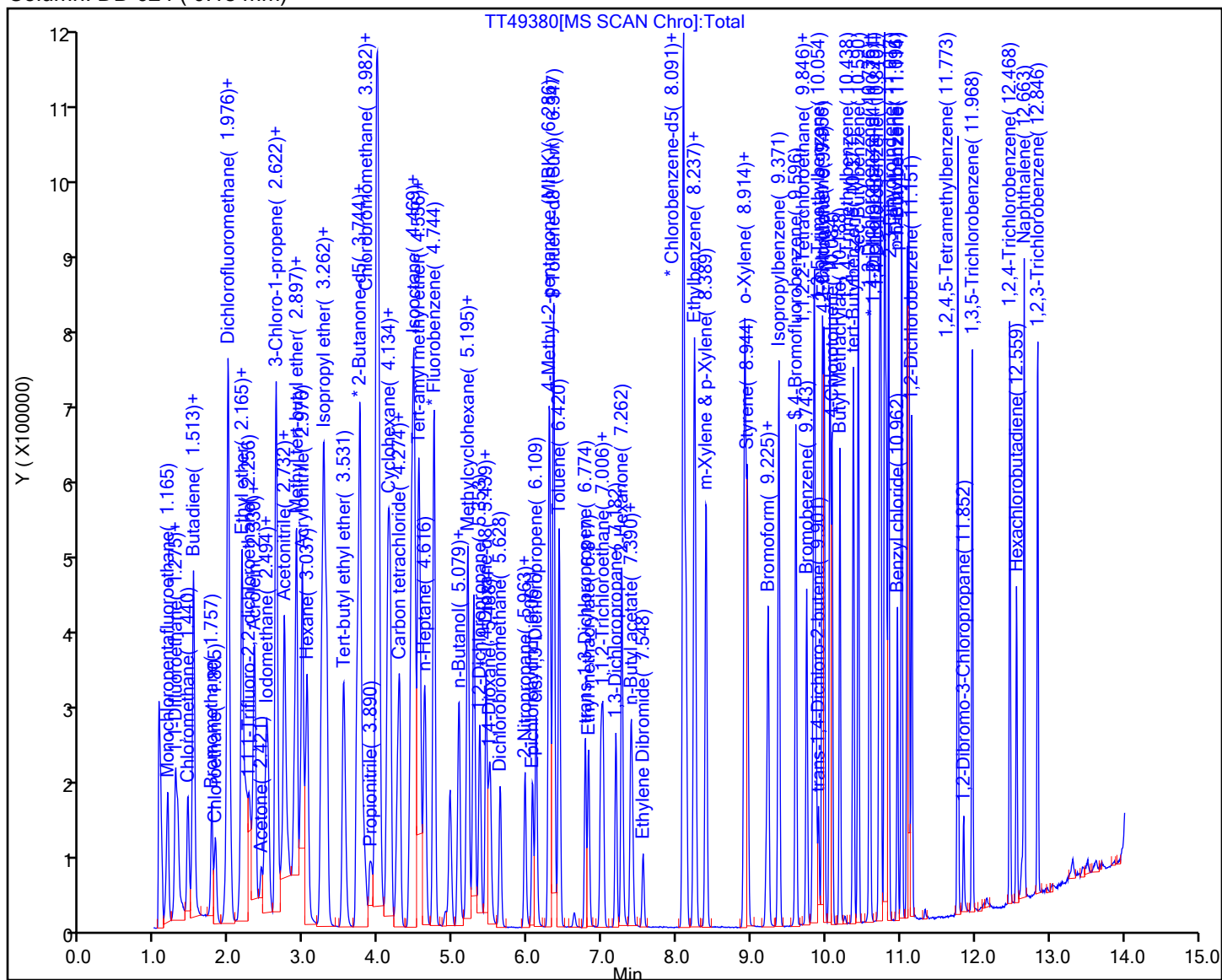
Column: DB-624 ( 0.18 mm)

ALS Bottle#: 3

Worklist Smp#: 4

Dil. Factor: 1.0000

Limit Group: VOA - 8260D Water and Solid





## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49380.D

Injection Date: 14-Jan-2022 19:32:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

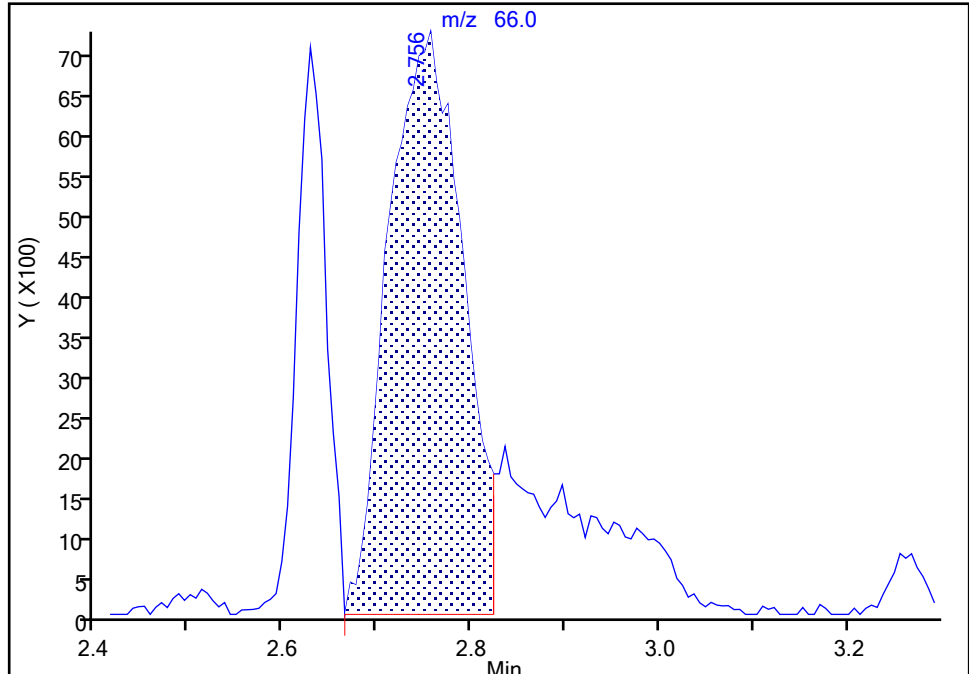
Detector: MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

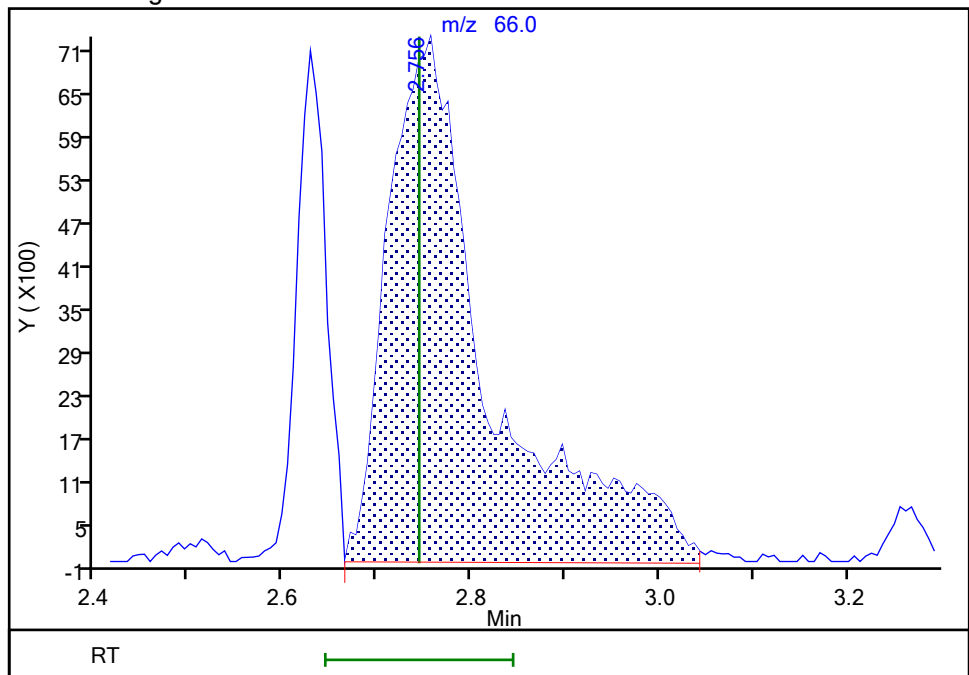
RT: 2.76  
Area: 40110  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.76  
Area: 55006  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: xuyvo, 16-Jan-2022 10:05:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCSD 460-823456/5  
 Matrix: Water Lab File ID: TT49381.D  
 Analysis Method: 8260D Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/14/2022 19:53  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 823456 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	20.4		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	20.8		1.0	0.33
99-87-6	4-Isopropyltoluene	20.3		1.0	0.37
71-43-2	Benzene	18.9		1.0	0.20
100-41-4	Ethylbenzene	18.8		1.0	0.30
98-82-8	Isopropylbenzene	20.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	20.6		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	18.9		1.0	0.30
91-20-3	Naphthalene	22.2		1.0	0.88
104-51-8	n-Butylbenzene	20.1		1.0	0.32
103-65-1	N-Propylbenzene	20.0		1.0	0.32
95-47-6	o-Xylene	19.7		1.0	0.36
135-98-8	sec-Butylbenzene	19.9		1.0	0.37
98-06-6	tert-Butylbenzene	15.0		1.0	0.34
108-88-3	Toluene	18.4		1.0	0.38
1330-20-7	Xylenes, Total	38.6		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49381.D  
 Lims ID: LCSD  
 Client ID:  
 Sample Type: LCSD  
 Inject. Date: 14-Jan-2022 19:53:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCSD  
 Misc. Info.: 460-0140246-005  
 Operator ID: Instrument ID: CVOAMS17  
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\8260W\_17.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 16-Jan-2022 13:44:13 Calib Date: 12-Jan-2022 01:26:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20220111-140108.b\TT49281.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1617

First Level Reviewer: boykink

Date: 14-Jan-2022 22:22:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.177	1.183	-0.006	0	4593	20.0	10.7	
3 Chlorotrifluoroethene	116	1.263	1.257	0.006	51	27786	20.0	15.2	
2 1,1-Difluoroethane	65	1.269	1.263	0.006	91	64372	20.0	15.6	
4 Dichlorodifluoromethane	85	1.281	1.281	0.000	0	145214	20.0	16.3	
5 Chlorodifluoromethane	67	1.299	1.293	0.006	0	25317	20.0	15.3	
6 Chloromethane	50	1.433	1.427	0.006	89	227783	20.0	18.5	
8 Butadiene	54	1.513	1.507	0.006	94	196778	20.0	18.5	
7 Vinyl chloride	62	1.507	1.507	0.000	0	199485	20.0	17.8	
9 Bromomethane	94	1.757	1.750	0.007	0	115720	20.0	16.1	
10 Chloroethane	64	1.805	1.799	0.006	0	118646	20.0	15.4	
11 Dichlorofluoromethane	67	1.970	1.964	0.006	0	292650	20.0	19.1	
13 Pentane	72	1.982	1.976	0.006	0	41246	40.0	39.8	
12 Trichlorofluoromethane	101	1.976	1.976	0.000	0	182573	20.0	18.7	
15 Ethyl ether	74	2.153	2.147	0.006	0	71712	20.0	20.3	
14 Ethanol	46	2.159	2.153	0.006	0	25285	800.0	1278.6	
16 2-Methyl-1,3-butadiene	53	2.165	2.159	0.006	0	133627	20.0	19.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.208	2.202	0.006	0	95123	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.256	2.250	0.006	95	181567	20.0	19.0	a
19 Acrolein	56	2.305	2.299	0.006	0	30366	40.6	43.7	
20 112TCTFE	101	2.317	2.317	0.000	0	111213	20.0	19.0	
21 1,1-Dichloroethene	96	2.336	2.330	0.006	0	112535	20.0	18.7	
22 Acetone	43	2.421	2.421	0.000	0	210495	100.0	96.8	
23 Iodomethane	142	2.470	2.470	0.000	0	183879	20.0	19.2	
24 Carbon disulfide	76	2.506	2.500	0.006	0	502422	20.0	18.7	
25 Isopropyl alcohol	45	2.506	2.506	0.000	28	50565	200.0	220.0	a
26 3-Chloro-1-propene	76	2.616	2.610	0.006	0	79671	20.0	19.2	
28 Cyclopentene	67	2.628	2.622	0.006	0	323769	20.0	19.7	
27 Methyl acetate	43	2.628	2.628	0.000	0	233144	40.0	43.7	
29 Acetonitrile	41	2.695	2.689	0.006	0	208706	200.0	199.8	
30 Methylene Chloride	84	2.732	2.726	0.006	0	141942	20.0	19.1	
* 31 TBA-d9 (IS)	66	2.744	2.744	0.000	91	57213	1000.0	1000.0	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.817	2.811	0.006	92	125895	200.0	191.9	a
33 Methyl tert-butyl ether	73	2.878	2.872	0.006	0	361984	20.0	20.6	
34 trans-1,2-Dichloroethene	96	2.897	2.890	0.007	0	121940	20.0	18.4	
35 Acrylonitrile	53	2.976	2.970	0.006	0	538596	200.0	211.3	
36 Hexane	57	3.037	3.037	0.000	0	186977	20.0	19.6	
37 Isopropyl ether	45	3.238	3.232	0.006	0	567876	20.0	20.3	
38 1,1-Dichloroethane	63	3.262	3.262	0.000	0	258289	20.0	18.9	
39 Vinyl acetate	86	3.275	3.275	0.000	0	40195	40.0	35.1	
40 2-Chloro-1,3-butadiene	88	3.305	3.299	0.006	0	108347	20.0	19.4	
41 Tert-butyl ethyl ether	59	3.531	3.524	0.007	0	444973	20.0	20.6	
* 42 2-Butanone-d5	46	3.701	3.701	0.000	0	487618	250.0	250.0	
43 2,2-Dichloropropane	97	3.732	3.726	0.006	0	41983	20.0	18.9	
44 cis-1,2-Dichloroethene	96	3.744	3.744	0.000	0	135733	20.0	19.2	
45 2-Butanone (MEK)	72	3.750	3.756	-0.006	0	56735	100.0	87.7	
46 Ethyl acetate	70	3.762	3.756	0.006	0	22633	40.0	38.1	
47 Methyl acrylate	55	3.805	3.805	0.000	98	99207	20.0	20.5	a
48 Propionitrile	54	3.890	3.890	0.000	0	183623	200.0	158.3	
49 Chlorobromomethane	128	3.957	3.957	0.000	0	57123	20.0	18.5	
50 Tetrahydrofuran	72	3.951	3.957	-0.006	0	28671	40.0	37.0	
51 Methacrylonitrile	67	3.976	3.976	0.000	0	451023	200.0	209.7	
52 Chloroform	83	4.006	4.006	0.000	0	215328	20.0	19.1	
53 Cyclohexane	84	4.122	4.122	0.000	0	176714	20.0	18.8	
54 1,1,1-Trichloroethane	97	4.140	4.134	0.006	0	175194	20.0	19.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.158	4.152	0.006	0	175721	50.0	50.9	
56 Carbon tetrachloride	117	4.250	4.250	0.000	0	139149	20.0	18.8	
57 1,1-Dichloropropene	75	4.280	4.274	0.006	0	163061	20.0	18.5	
59 Isooctane	57	4.439	4.433	0.006	0	488695	20.0	19.6	
58 Isobutyl alcohol	43	4.433	4.433	0.000	86	214404	500.0	408.6	a
60 Benzene	78	4.463	4.463	0.000	0	476753	20.0	18.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.482	4.482	0.000	0	235050	50.0	51.5	
62 Tert-amyl methyl ether	73	4.530	4.530	0.000	0	422876	20.0	21.9	
63 Isopropyl acetate	61	4.543	4.543	0.000	0	65425	20.0	20.5	
64 1,2-Dichloroethane	62	4.555	4.549	0.006	0	151308	20.0	18.1	
65 n-Heptane	100	4.616	4.616	0.000	98	26923	20.0	19.0	
* 66 Fluorobenzene	96	4.738	4.738	0.000	0	704757	50.0	50.0	
67 n-Butanol	56	5.055	5.055	0.000	0	53555	500.0	541.3	
68 Trichloroethene	95	5.073	5.073	0.000	0	104984	20.0	17.7	
69 Methylcyclohexane	83	5.189	5.189	0.000	85	196743	20.0	18.7	
70 Ethyl acrylate	99	5.201	5.207	-0.006	94	13852	20.0	17.0	
71 1,2-Dichloropropane	63	5.353	5.353	0.000	0	126384	20.0	18.3	
* 72 1,4-Dioxane-d8	96	5.420	5.427	-0.007	12	25880	1000.0	1000.0	
73 Methyl methacrylate	100	5.439	5.439	0.000	0	43041	40.0	41.1	
74 Dibromomethane	93	5.475	5.475	0.000	0	63220	20.0	18.6	
75 1,4-Dioxane	88	5.475	5.475	0.000	40	17336	400.0	573.5	
76 n-Propyl acetate	43	5.500	5.500	0.000	0	172309	20.0	22.2	
77 Dichlorobromomethane	83	5.628	5.628	0.000	0	138038	20.0	18.0	
78 2-Nitropropane	41	5.963	5.957	0.006	0	52126	40.0	34.5	
79 2-Chloroethyl vinyl ether	63	5.963	5.963	0.000	0	62906	20.0	19.7	
80 Epichlorohydrin	57	6.061	6.061	0.000	0	214664	400.0	407.4	
81 cis-1,3-Dichloropropene	75	6.109	6.109	0.000	0	163981	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.286	6.286	0.000	0	249804	100.0	100.6	
\$ 83 Toluene-d8 (Surr)	98	6.347	6.347	0.000	0	612043	50.0	52.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.420	6.420	0.000	0	432324	20.0	18.4	
85 trans-1,3-Dichloropropene	75	6.774	6.774	0.000	0	136542	20.0	19.0	
86 Ethyl methacrylate	69	6.817	6.810	0.006	0	128902	20.0	20.8	
87 1,1,2-Trichloroethane	83	6.981	6.981	0.000	0	74268	20.0	19.4	
88 Tetrachloroethene	166	7.012	7.006	0.006	0	84827	20.0	18.0	
89 1,3-Dichloropropane	76	7.182	7.182	0.000	0	146212	20.0	19.1	
90 2-Hexanone	43	7.262	7.262	0.000	0	400704	100.0	101.3	
91 n-Butyl acetate	43	7.383	7.383	0.000	0	201662	20.0	21.7	
92 Chlorodibromomethane	129	7.402	7.402	0.000	0	77405	20.0	18.8	
93 Ethylene Dibromide	107	7.548	7.548	0.000	0	73555	20.0	19.5	
* 94 Chlorobenzene-d5	117	8.091	8.085	0.006	0	435967	50.0	50.0	
95 Chlorobenzene	112	8.121	8.121	0.000	0	243602	20.0	18.3	
96 Ethylbenzene	106	8.237	8.237	0.000	0	140268	20.0	18.8	
97 1,1,1,2-Tetrachloroethane	131	8.249	8.249	0.000	0	102346	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.389	8.395	-0.006	0	171090	20.0	18.9	
99 o-Xylene	106	8.908	8.908	0.000	0	184918	20.0	19.7	
100 n-Butyl acrylate	73	8.926	8.926	0.000	0	80048	20.0	21.1	
101 Styrene	104	8.950	8.950	0.000	0	267765	20.0	19.8	
102 Bromoform	173	9.200	9.200	0.000	0	47316	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	9.225	9.225	0.000	0	264213	20.0	16.7	
104 Isopropylbenzene	105	9.371	9.371	0.000	97	510896	20.0	20.1	
\$ 105 4-Bromofluorobenzene	174	9.596	9.603	-0.007	0	149378	50.0	49.8	
106 Bromobenzene	156	9.743	9.743	0.000	0	94094	20.0	18.3	
107 1,1,2,2-Tetrachloroethane	83	9.828	9.828	0.000	0	127314	20.0	21.1	
108 N-Propylbenzene	91	9.846	9.846	0.000	0	622395	20.0	20.0	
109 1,2,3-Trichloropropane	110	9.871	9.871	0.000	96	30987	20.0	21.1	
110 trans-1,4-Dichloro-2-butene	53	9.901	9.901	0.000	80	30317	20.0	19.7	a
111 2-Chlorotoluene	91	9.956	9.956	0.000	0	415688	20.0	19.8	
112 4-Ethyltoluene	105	9.974	9.981	-0.007	96	470037	20.0	20.6	
113 1,3,5-Trimethylbenzene	105	10.054	10.054	0.000	0	422671	20.0	20.8	
114 4-Chlorotoluene	91	10.084	10.084	0.000	0	376320	20.0	19.5	
115 Butyl Methacrylate	87	10.188	10.188	0.000	0	136479	20.0	15.1	
116 tert-Butylbenzene	119	10.371	10.371	0.000	86	307922	20.0	15.0	
117 1,2,4-Trimethylbenzene	105	10.438	10.438	0.000	0	423990	20.0	20.4	
118 sec-Butylbenzene	105	10.590	10.590	0.000	94	538381	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.718	10.718	0.000	0	189367	20.0	18.4	
120 4-Isopropyltoluene	119	10.736	10.736	0.000	0	441584	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	10.791	10.791	0.000	0	216682	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.816	10.816	0.000	0	185996	20.0	18.0	
123 1,2,3-Trimethylbenzene	105	10.840	10.840	0.000	0	453917	20.0	20.4	
124 Benzyl chloride	91	10.962	10.962	0.000	0	217799	20.0	22.1	
125 2,3-Dihydroindene	117	11.017	11.017	0.000	0	404229	20.0	20.4	
126 p-Diethylbenzene	119	11.090	11.096	-0.006	0	229143	20.0	19.6	
127 n-Butylbenzene	92	11.114	11.114	0.000	0	265267	20.0	20.1	
128 1,2-Dichlorobenzene	146	11.157	11.157	0.000	0	195238	20.0	18.7	
129 1,2,4,5-Tetramethylbenzene	119	11.773	11.773	0.000	0	411258	20.0	20.3	
130 1,2-Dibromo-3-Chloropropane	157	11.852	11.852	0.000	0	22548	20.0	22.3	
131 1,3,5-Trichlorobenzene	180	11.968	11.968	0.000	0	165918	20.0	18.6	
132 1,2,4-Trichlorobenzene	180	12.468	12.474	-0.006	0	155529	20.0	18.0	
133 Hexachlorobutadiene	225	12.559	12.559	0.000	0	59680	20.0	18.3	
134 Naphthalene	128	12.663	12.663	0.000	0	415351	20.0	22.2	
135 1,2,3-Trichlorobenzene	180	12.846	12.846	0.000	0	152082	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 137 Xylenes, Total	100				0		40.0	38.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.8	
S 140 Total BTEX	1				0		100.0	94.7	

### QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00149

Amount Added: 20.00

Units: uL

524freon\_00047

Amount Added: 20.00

Units: uL

ACROLEIN W\_00135

Amount Added: 4.00

Units: uL

GASES Li\_00458

Amount Added: 20.00

Units: uL

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49381.D

Injection Date: 14-Jan-2022 19:53:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 5

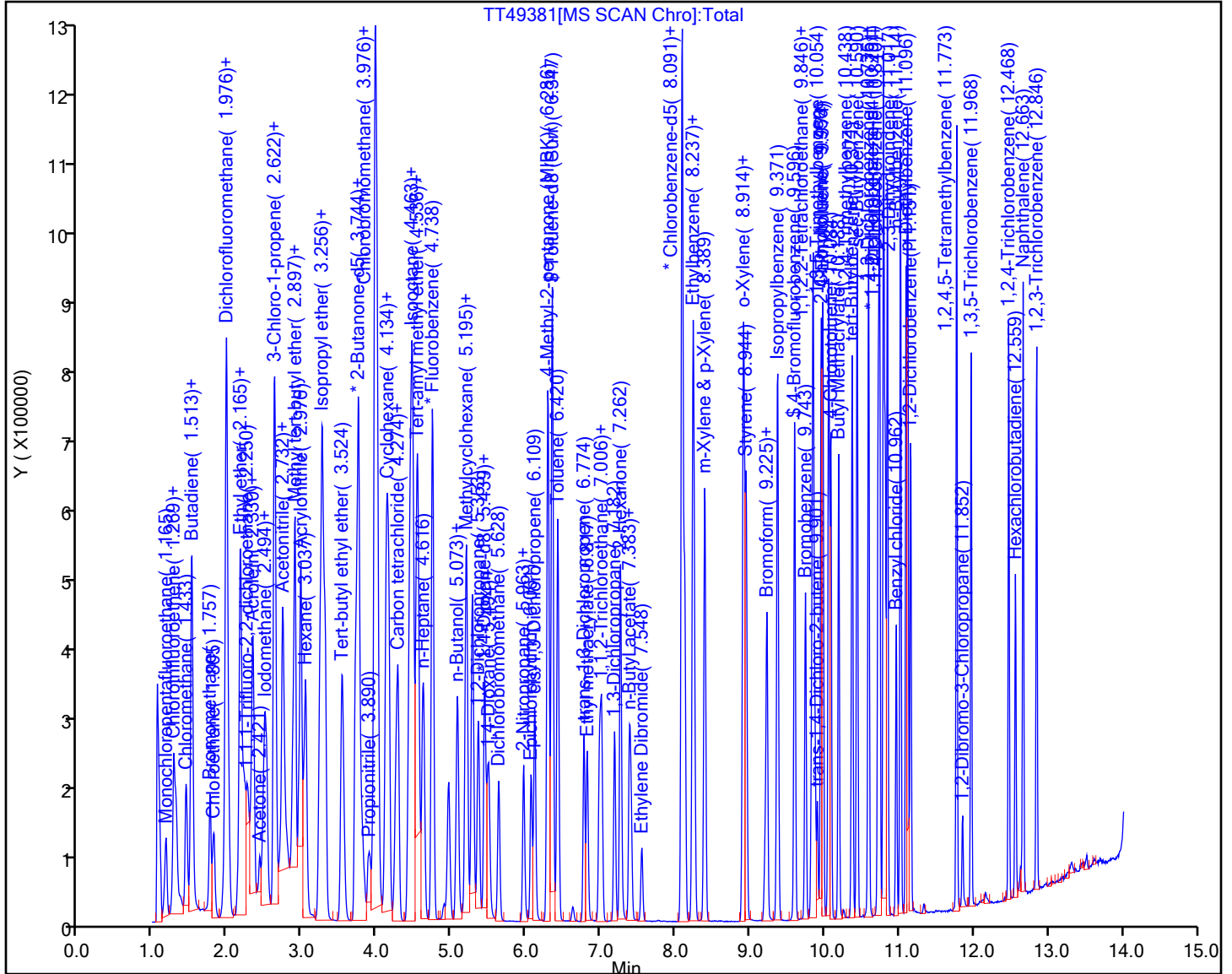
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20220114-140246.b\TT49381.D

Injection Date: 14-Jan-2022 19:53:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

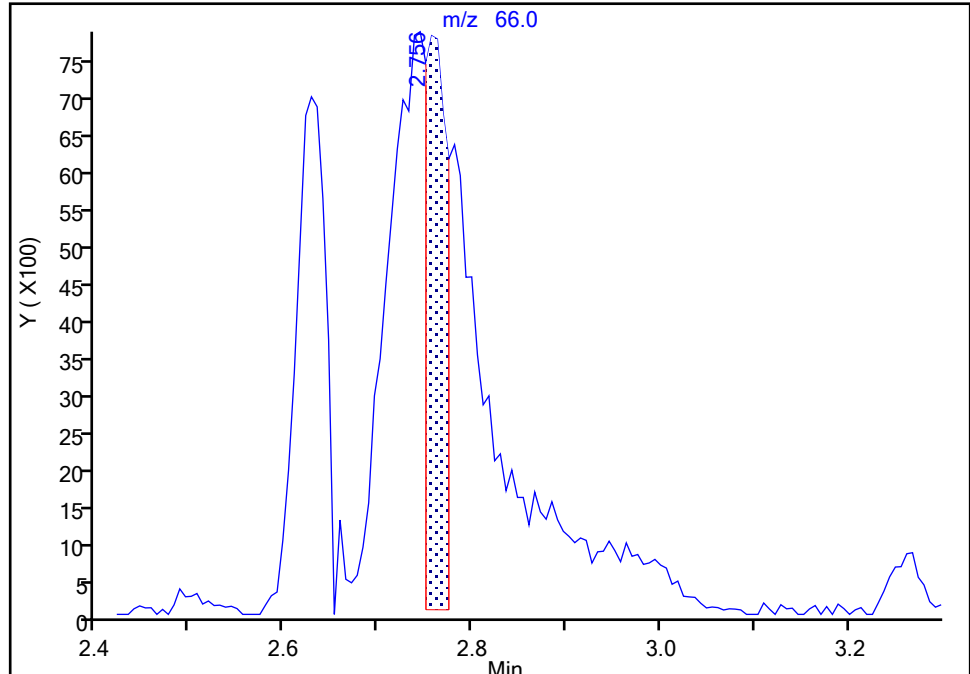
Detector: MS Quad

\* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

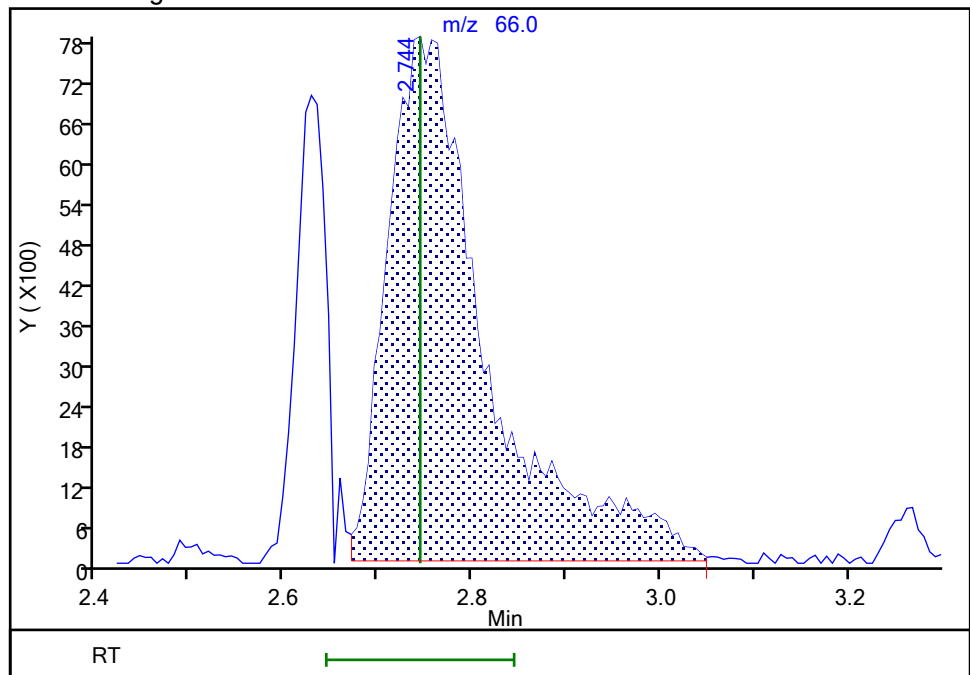
RT: 2.76  
Area: 12988  
Amount: 1000.0000  
Amount Units: ug/l

## Processing Integration Results



RT: 2.74  
Area: 57213  
Amount: 1000.0000  
Amount Units: ug/l

## Manual Integration Results



Reviewer: xuyvo, 16-Jan-2022 10:05:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20220107 MS Lab Sample ID: 460-250372-1 MS  
 Matrix: Water Lab File ID: T60516.D  
 Analysis Method: 8260D Date Collected: 01/07/2022 10:50  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/12/2022 04:00  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	18.3		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	17.6		1.0	0.33
99-87-6	4-Isopropyltoluene	19.8		1.0	0.37
71-43-2	Benzene	20.0		1.0	0.20
100-41-4	Ethylbenzene	23.1		1.0	0.30
98-82-8	Isopropylbenzene	20.2		1.0	0.34
1634-04-4	Methyl tert-butyl ether	17.8		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	23.4		1.0	0.30
91-20-3	Naphthalene	14.8		1.0	0.88
104-51-8	n-Butylbenzene	19.2		1.0	0.32
103-65-1	N-Propylbenzene	17.9		1.0	0.32
95-47-6	o-Xylene	23.9		1.0	0.36
135-98-8	sec-Butylbenzene	18.6		1.0	0.37
98-06-6	tert-Butylbenzene	18.3		1.0	0.34
108-88-3	Toluene	19.6		1.0	0.38
1330-20-7	Xylenes, Total	47.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60516.D  
 Lims ID: 460-250372-A-1 MS  
 Client ID: MW-01\_20220107  
 Sample Type: MS  
 Inject. Date: 12-Jan-2022 04:00:54 ALS Bottle#: 0 Worklist Smp#: 32  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250372-A-1 MS  
 Misc. Info.: 460-0140098-032  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 11:12:07 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1619

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:50:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.603	0.603	0.000	27	515	20.0	5.51	a
3 Chlorotrifluoroethene	116	0.640	0.640	0.000	41	7103	20.0	8.09	
2 1,1-Difluoroethane	65	0.646	0.652	-0.006	98	111129	20.0	87.4	
4 Dichlorodifluoromethane	85	0.652	0.658	-0.006	39	59526	20.0	21.4	
5 Chlorodifluoromethane	67	0.664	0.670	-0.006	77	11741	20.0	22.6	a
6 Chloromethane	50	0.731	0.737	-0.006	88	53256	20.0	17.6	
7 Vinyl chloride	62	0.768	0.768	0.000	98	67212	20.0	21.9	
8 Butadiene	54	0.780	0.780	0.000	97	57949	20.0	21.1	
9 Bromomethane	94	0.890	0.890	0.000	98	13660	20.0	18.3	
10 Chloroethane	64	0.932	0.932	0.000	99	41406	20.0	37.0	
11 Dichlorofluoromethane	67	1.018	1.018	0.000	91	106053	20.0	25.4	
12 Trichlorofluoromethane	101	1.042	1.042	0.000	88	85872	20.0	25.4	
13 Pentane	72	1.072	1.072	0.000	96	13208	40.0	37.2	
14 Ethanol	46	1.127	1.127	0.000	93	10609	800.0	1084.1	
15 Ethyl ether	59	1.164	1.164	0.000	58	38794	20.0	18.6	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.170	1.170	0.000	80	50419	20.0	22.0	
17 2-Methyl-1,3-butadiene	53	1.176	1.176	0.000	82	47244	20.0	21.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.194	1.201	-0.006	87	89039	20.0	23.3	
19 Acrolein	56	1.219	1.219	0.000	94	12917	40.6	39.3	
20 1,1-Dichloroethene	96	1.268	1.268	0.000	89	52006	20.0	22.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.268	1.274	-0.006	62	47946	20.0	21.1	
22 Acetone	43	1.292	1.292	0.000	86	63974	100.0	102.7	
23 Iodomethane	142	1.335	1.335	0.000	99	55495	20.0	26.4	
24 Carbon disulfide	76	1.365	1.365	0.000	99	172156	20.0	21.4	
25 Isopropyl alcohol	45	1.365	1.365	0.000	31	24483	200.0	186.3	
26 Acetonitrile	40	1.426	1.426	0.000	87	38085	200.0	282.9	
27 3-Chloro-1-propene	76	1.438	1.438	0.000	92	41666	20.0	24.5	
28 Methyl acetate	43	1.450	1.450	0.000	98	56453	40.0	31.8	
29 Cyclopentene	67	1.481	1.481	0.000	96	133617	20.0	21.4	
30 Methylene Chloride	84	1.499	1.499	0.000	88	57904	20.0	20.6	
* 31 TBA-d9 (IS)	66	1.518	1.524	-0.006	0	31613	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	98	40346	200.0	188.7	
33 Acrylonitrile	53	1.621	1.627	-0.006	93	175735	200.0	176.8	
34 trans-1,2-Dichloroethene	96	1.639	1.646	-0.007	82	57641	20.0	21.1	
35 Methyl tert-butyl ether	73	1.646	1.646	0.000	97	132342	20.0	17.8	
36 Hexane	57	1.804	1.804	0.000	93	49122	20.0	17.5	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	107175	20.0	22.1	
38 Vinyl acetate	86	1.920	1.920	0.000	99	17364	40.0	39.9	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	75	53975	20.0	21.1	
40 Isopropyl ether	45	1.932	1.932	0.000	81	152094	20.0	19.9	
41 Tert-butyl ethyl ether	59	2.158	2.164	-0.006	89	133982	20.0	17.2	
* 42 2-Butanone-d5	46	2.213	2.219	-0.006	80	235445	250.0	250.0	a
44 2,2-Dichloropropane	97	2.237	2.237	0.000	80	18632	20.0	18.5	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	87	60637	20.0	20.4	
45 2-Butanone (MEK)	43	2.255	2.255	0.000	99	83962	100.0	105.0	
46 Propionitrile	54	2.292	2.292	0.000	98	66854	200.0	266.7	
47 Ethyl acetate	70	2.310	2.310	0.000	99	8280	40.0	33.7	
48 Methyl acrylate	55	2.328	2.328	0.000	93	38252	20.0	13.1	
50 Methacrylonitrile	67	2.395	2.395	0.000	92	185005	200.0	162.4	
49 Chlorobromomethane	128	2.402	2.402	0.000	50	28638	20.0	23.7	
51 Tetrahydrofuran	72	2.438	2.438	0.000	74	12039	40.0	39.6	
52 Chloroform	83	2.469	2.469	0.000	93	103278	20.0	21.6	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.584	-0.006	0	132043	50.0	51.9	
54 1,1,1-Trichloroethane	97	2.591	2.591	0.000	87	91964	20.0	21.9	
55 Cyclohexane	84	2.633	2.633	0.000	91	81833	20.0	23.0	
56 Carbon tetrachloride	117	2.712	2.712	0.000	81	74419	20.0	21.1	
57 1,1-Dichloropropene	75	2.719	2.719	0.000	94	82467	20.0	21.1	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	154836	50.0	52.2	
59 Isobutyl alcohol	43	2.865	2.865	0.000	41	31703	500.0	501.4	
60 Benzene	78	2.871	2.871	0.000	97	224112	20.0	20.0	
61 1,2-Dichloroethane	62	2.889	2.889	0.000	79	74234	20.0	20.9	
62 Isooctane	57	2.962	2.968	-0.006	90	92334	20.0	18.8	a
63 Isopropyl acetate	61	2.987	2.987	0.000	89	14677	20.0	13.9	
64 Tert-amyl methyl ether	73	2.993	2.993	0.000	84	123668	20.0	16.1	
* 65 Fluorobenzene	96	3.109	3.109	0.000	0	501587	50.0	50.0	
66 n-Heptane	43	3.139	3.139	0.000	79	36320	20.0	17.3	
67 Trichloroethene	95	3.432	3.438	-0.006	94	58854	20.0	19.7	
68 n-Butanol	56	3.462	3.462	0.000	91	20207	500.0	354.4	
69 Ethyl acrylate	55	3.596	3.596	0.000	93	113131	20.0	19.2	
70 Methylcyclohexane	83	3.603	3.609	-0.006	88	78399	20.0	23.2	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	87	54952	20.0	19.9	
72 Dibromomethane	93	3.743	3.743	0.000	71	34363	20.0	19.8	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	27342	1000.0	1000.0	
74 1,4-Dioxane	88	3.792	3.792	0.000	52	12058	400.0	398.1	
75 Methyl methacrylate	100	3.810	3.810	0.000	89	21617	40.0	28.9	
76 n-Propyl acetate	43	3.895	3.895	0.000	98	48284	20.0	13.5	
77 Dichlorobromomethane	83	3.920	3.920	0.000	96	76052	20.0	21.0	
78 2-Nitropropane	41	4.163	4.163	0.000	98	23069	40.0	32.5	
80 Epichlorohydrin	57	4.316	4.316	0.000	98	60247	400.0	337.3	
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	88	86391	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	43	4.615	4.615	0.000	97	182645	100.0	101.0	
\$ 83 Toluene-d8 (Surr)	98	4.688	4.688	0.000	0	462753	50.0	47.1	
84 Toluene	91	4.761	4.761	0.000	93	230798	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
85 trans-1,3-Dichloropropene	75	5.066	5.066	0.000	95	75683	20.0	17.7	
86 Ethyl methacrylate	69	5.255	5.255	0.000	85	51913	20.0	14.8	
87 1,1,2-Trichloroethane	83	5.267	5.267	0.000	90	38652	20.0	18.2	
88 Tetrachloroethene	166	5.407	5.407	0.000	88	50883	20.0	20.7	
89 1,3-Dichloropropane	76	5.462	5.462	0.000	93	79392	20.0	18.4	
90 2-Hexanone	43	5.651	5.651	0.000	96	123867	100.0	94.0	
91 Chlorodibromomethane	129	5.736	5.736	0.000	96	50754	20.0	19.0	
92 Ethylene Dibromide	107	5.840	5.840	0.000	99	47280	20.0	17.9	
93 n-Butyl acetate	43	5.883	5.883	0.000	98	57446	20.0	14.4	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	365012	50.0	50.0	
95 Chlorobenzene	112	6.529	6.529	0.000	92	136804	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	6.675	6.675	0.000	91	46619	20.0	18.7	
97 Ethylbenzene	106	6.742	6.742	0.000	99	85501	20.0	23.1	
98 m-Xylene & p-Xylene	106	6.919	6.919	0.000	92	107162	20.0	23.4	
99 o-Xylene	106	7.480	7.480	0.000	93	103865	20.0	23.9	
100 Styrene	104	7.510	7.510	0.000	91	136412	20.0	18.3	
101 n-Butyl acrylate	73	7.614	7.614	0.000	96	29808	20.0	13.9	
102 Bromoform	173	7.718	7.718	0.000	93	31090	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	7.998	7.998	0.000	91	73090	20.0	15.0	
104 Isopropylbenzene	105	8.077	8.077	0.000	96	216941	20.0	20.2	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	132258	50.0	51.3	
106 Bromobenzene	156	8.425	8.425	0.000	96	53034	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	8.589	8.589	0.000	89	59922	20.0	15.8	
108 1,2,3-Trichloropropane	110	8.589	8.589	0.000	85	16840	20.0	15.5	
109 trans-1,4-Dichloro-2-butene	53	8.681	8.681	0.000	86	17957	20.0	16.9	
110 N-Propylbenzene	91	8.724	8.724	0.000	98	253340	20.0	17.9	
111 2-Chlorotoluene	91	8.772	8.772	0.000	96	162758	20.0	19.2	
112 4-Ethyltoluene	105	8.919	8.919	0.000	98	193668	20.0	18.0	
113 4-Chlorotoluene	91	8.961	8.961	0.000	99	180825	20.0	18.5	
114 1,3,5-Trimethylbenzene	105	9.034	9.034	0.000	92	157629	20.0	17.6	
115 Butyl Methacrylate	87	9.351	9.351	0.000	93	52795	20.0	14.2	
116 tert-Butylbenzene	119	9.534	9.534	0.000	90	130710	20.0	18.3	
117 1,2,4-Trimethylbenzene	105	9.614	9.614	0.000	98	165542	20.0	18.3	
118 sec-Butylbenzene	105	9.894	9.894	0.000	99	191937	20.0	18.6	
119 1,3-Dichlorobenzene	146	9.967	9.967	0.000	94	91518	20.0	19.9	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	181056	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.126	10.126	0.000	89	93269	20.0	19.5	
122 4-Isopropyltoluene	119	10.181	10.181	0.000	88	163210	20.0	19.8	
123 1,2,3-Trimethylbenzene	105	10.272	10.272	0.000	99	172949	20.0	19.0	
124 Benzyl chloride	91	10.394	10.394	0.000	98	87858	20.0	12.2	
125 2,3-Dihydroindene	117	10.546	10.546	0.000	90	177048	20.0	20.5	
126 1,2-Dichlorobenzene	146	10.711	10.711	0.000	94	86854	20.0	19.7	
127 p-Diethylbenzene	119	10.827	10.827	0.000	89	79455	20.0	19.0	a
128 n-Butylbenzene	92	10.857	10.857	0.000	98	82286	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	11.881	11.881	0.000	94	9996	20.0	13.3	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	96	134596	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	95	48563	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	12.772	12.772	0.000	90	39037	20.0	18.1	
134 Naphthalene	128	12.979	12.979	0.000	99	107877	20.0	14.8	
133 Hexachlorobutadiene	225	12.985	12.985	0.000	55	15869	20.0	19.5	
135 1,2,3-Trichlorobenzene	180	13.204	13.204	0.000	0	27406	20.0	15.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	47.3	
S 140 Total BTEX	1				0		100.0	110.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.3	
S 138 Total 1,2-dichloroethene	1				0			41.5	

### QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

### Reagents:

8260MIX1COMB\_00149

Amount Added: 20.00

Units: uL

ACROLEIN W\_00135

Amount Added: 4.00

Units: uL

524freon\_00047

Amount Added: 20.00

Units: uL

GASES Li\_00458

Amount Added: 20.00

Units: uL

VOA6IS/SURR\_00052

Amount Added: 5.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60516.D

Injection Date: 12-Jan-2022 04:00:54

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1 MS

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

32

Purge Vol: 5.000 mL

Dil. Factor:

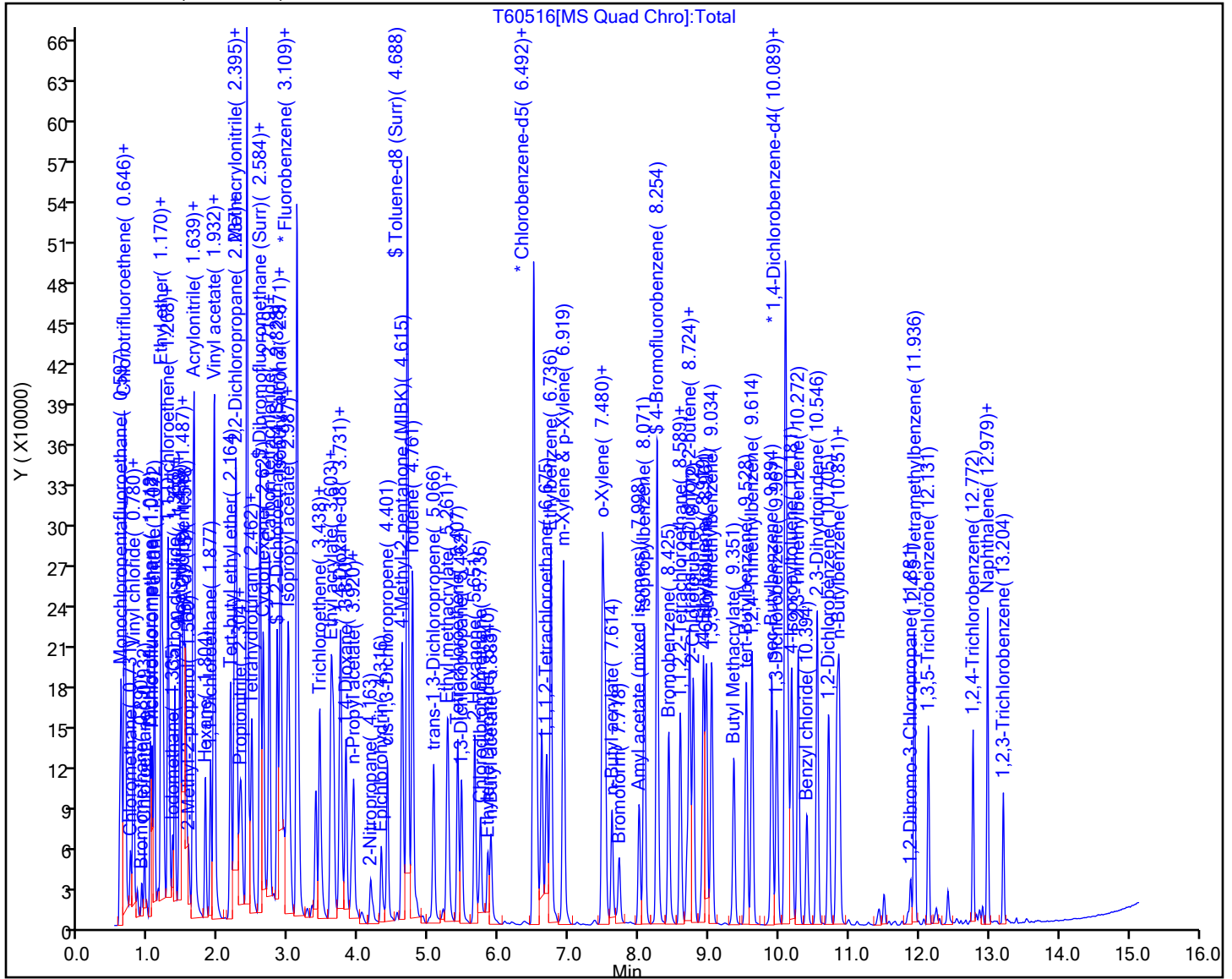
1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60516.D

Injection Date: 12-Jan-2022 04:00:54

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1 MS

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 32

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W\_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

Detector: MS Quad

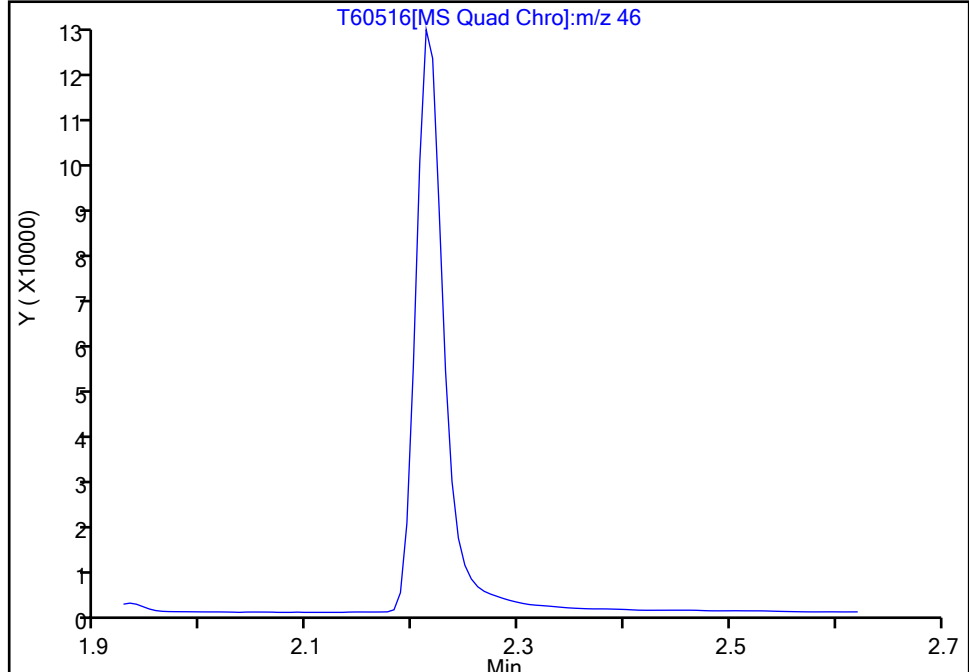
\* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 2.22

## Processing Integration Results



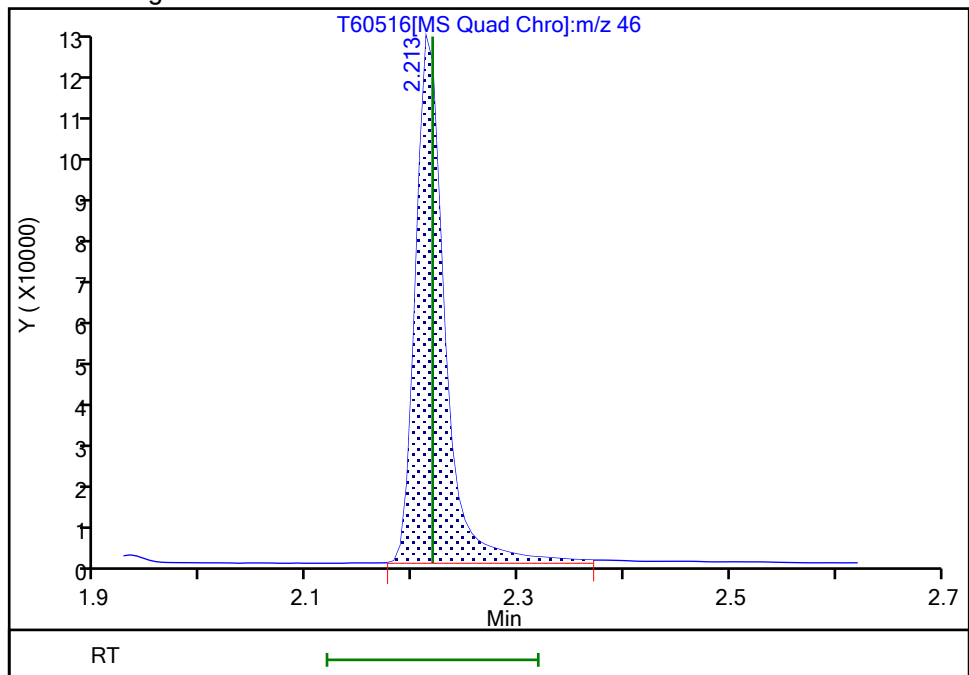
RT: 2.21

Area: 235445

Amount: 250.0000

Amount Units: ug/l

## Manual Integration Results



Reviewer: moroneyc, 12-Jan-2022 06:49:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: MW-01\_20220107 MSD Lab Sample ID: 460-250372-1 MSD  
 Matrix: Water Lab File ID: T60517.D  
 Analysis Method: 8260D Date Collected: 01/07/2022 10:50  
 Sample wt/vol: 5 (mL) Date Analyzed: 01/12/2022 04:22  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: DB-624 ID: 0.18 (mm)  
 % Moisture: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 822812 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	19.4		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	18.5		1.0	0.33
99-87-6	4-Isopropyltoluene	20.7		1.0	0.37
71-43-2	Benzene	20.8		1.0	0.20
100-41-4	Ethylbenzene	24.1		1.0	0.30
98-82-8	Isopropylbenzene	21.1		1.0	0.34
1634-04-4	Methyl tert-butyl ether	18.4		1.0	0.22
179601-23-1	m-Xylene & p-Xylene	24.6		1.0	0.30
91-20-3	Naphthalene	16.7		1.0	0.88
104-51-8	n-Butylbenzene	20.4		1.0	0.32
103-65-1	N-Propylbenzene	18.7		1.0	0.32
95-47-6	o-Xylene	24.9		1.0	0.36
135-98-8	sec-Butylbenzene	19.7		1.0	0.37
98-06-6	tert-Butylbenzene	19.3		1.0	0.34
108-88-3	Toluene	20.4		1.0	0.38
1330-20-7	Xylenes, Total	49.5		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120



Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60517.D  
 Lims ID: 460-250372-A-1 MSD  
 Client ID: MW-01\_20220107  
 Sample Type: MSD  
 Inject. Date: 12-Jan-2022 04:22:08 ALS Bottle#: 0 Worklist Smp#: 33  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-250372-A-1 MSD  
 Misc. Info.: 460-0140098-033  
 Operator ID: Instrument ID: CVOAMS15  
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\8260W\_15.m  
 Limit Group: VOA - 8260D Water and Solid  
 Last Update: 12-Jan-2022 11:12:07 Calib Date: 22-Oct-2021 10:18:19  
 Integrator: RTE ID Type: RT Order ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20211022-136419.b\T56949.D  
 Column 1 : DB-624 ( 0.18 mm) Det: MS Quad  
 Process Host: CTX1619

First Level Reviewer: moroneyc

Date: 12-Jan-2022 06:50:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	0.646	0.640	0.006	41	8004	20.0	9.15	
2 1,1-Difluoroethane	65	0.652	0.652	0.000	99	114849	20.0	90.6	
4 Dichlorodifluoromethane	85	0.658	0.658	0.000	42	59241	20.0	21.4	
5 Chlorodifluoromethane	67	0.664	0.670	-0.006	77	12521	20.0	24.2	
6 Chloromethane	50	0.731	0.737	-0.006	88	57612	20.0	19.1	
7 Vinyl chloride	62	0.767	0.768	-0.001	83	71169	20.0	23.2	
8 Butadiene	54	0.780	0.780	0.000	97	60066	20.0	21.9	
9 Bromomethane	94	0.896	0.890	0.006	99	18435	20.0	24.8	
10 Chloroethane	64	0.932	0.932	0.000	97	42787	20.0	38.2	
11 Dichlorofluoromethane	67	1.017	1.018	-0.001	91	110425	20.0	26.5	
12 Trichlorofluoromethane	101	1.042	1.042	0.000	99	88114	20.0	26.1	
13 Pentane	72	1.078	1.072	0.006	95	13005	40.0	36.7	
14 Ethanol	46	1.127	1.127	0.000	92	10874	800.0	1111.1	
15 Ethyl ether	59	1.164	1.164	0.000	61	40023	20.0	19.2	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	1.170	1.170	0.000	81	52889	20.0	23.2	
17 2-Methyl-1,3-butadiene	53	1.176	1.176	0.000	81	48012	20.0	22.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	1.200	1.201	0.000	88	90743	20.0	23.8	
19 Acrolein	56	1.219	1.219	0.000	88	13965	40.6	42.5	
20 1,1-Dichloroethene	96	1.267	1.268	-0.001	89	55160	20.0	23.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.273	1.274	-0.001	72	50702	20.0	22.4	
22 Acetone	43	1.292	1.292	0.000	86	64367	100.0	103.1	
23 Iodomethane	142	1.334	1.335	-0.001	99	57258	20.0	27.3	
24 Carbon disulfide	76	1.365	1.365	0.000	99	183479	20.0	22.9	
25 Isopropyl alcohol	45	1.365	1.365	0.000	31	26432	200.0	201.4	
26 Acetonitrile	40	1.432	1.426	0.006	82	40378	200.0	299.3	
27 3-Chloro-1-propene	76	1.438	1.438	0.000	91	42432	20.0	25.0	
28 Methyl acetate	43	1.450	1.450	0.000	97	57536	40.0	32.5	
29 Cyclopentene	67	1.481	1.481	0.000	97	139038	20.0	22.3	
30 Methylene Chloride	84	1.499	1.499	0.000	87	59568	20.0	21.2	
* 31 TBA-d9 (IS)	66	1.523	1.524	-0.001	0	31616	1000.0	1000.0	
32 2-Methyl-2-propanol	59	1.566	1.566	0.000	97	41675	200.0	194.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	1.627	1.627	0.000	94	182078	200.0	183.7	
34 trans-1,2-Dichloroethene	96	1.645	1.646	-0.001	84	61197	20.0	22.5	
35 Methyl tert-butyl ether	73	1.645	1.646	-0.001	97	136429	20.0	18.4	
36 Hexane	57	1.804	1.804	0.000	93	48931	20.0	17.5	
37 1,1-Dichloroethane	63	1.877	1.877	0.000	95	108847	20.0	22.5	
38 Vinyl acetate	86	1.920	1.920	0.000	99	18428	40.0	42.2	
39 2-Chloro-1,3-butadiene	88	1.932	1.932	0.000	76	56828	20.0	22.3	
40 Isopropyl ether	45	1.932	1.932	0.000	78	157644	20.0	20.6	
41 Tert-butyl ethyl ether	59	2.164	2.164	0.000	88	143126	20.0	18.5	
* 42 2-Butanone-d5	46	2.218	2.219	-0.001	0	235920	250.0	250.0	
44 2,2-Dichloropropane	97	2.237	2.237	0.000	82	19915	20.0	19.8	
43 cis-1,2-Dichloroethene	96	2.243	2.243	0.000	87	62965	20.0	21.2	
45 2-Butanone (MEK)	43	2.255	2.255	0.000	99	89142	100.0	111.2	
46 Propionitrile	54	2.292	2.292	0.000	98	68693	200.0	274.0	
47 Ethyl acetate	70	2.310	2.310	0.000	99	9072	40.0	36.9	
48 Methyl acrylate	55	2.328	2.328	0.000	93	40139	20.0	13.8	
50 Methacrylonitrile	67	2.395	2.395	0.000	92	191109	200.0	168.2	
49 Chlorobromomethane	128	2.401	2.402	-0.001	49	29303	20.0	24.4	
51 Tetrahydrofuran	72	2.438	2.438	0.000	73	12643	40.0	41.5	
52 Chloroform	83	2.468	2.469	-0.001	93	107029	20.0	22.5	
\$ 53 Dibromofluoromethane (Surr)	113	2.578	2.584	-0.006	0	131903	50.0	52.0	
54 1,1,1-Trichloroethane	97	2.590	2.591	0.000	87	95031	20.0	22.7	
55 Cyclohexane	84	2.633	2.633	0.000	91	84995	20.0	23.9	
56 Carbon tetrachloride	117	2.712	2.712	0.000	83	78278	20.0	22.3	
57 1,1-Dichloropropene	75	2.718	2.719	-0.001	93	86164	20.0	22.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	2.828	2.828	0.000	0	155130	50.0	52.5	
59 Isobutyl alcohol	43	2.865	2.865	0.000	42	33922	500.0	536.4	
60 Benzene	78	2.871	2.871	0.000	97	232689	20.0	20.8	
61 1,2-Dichloroethane	62	2.889	2.889	0.000	75	74139	20.0	21.0	
62 Isooctane	57	2.968	2.968	0.000	84	95029	20.0	19.4	
63 Isopropyl acetate	61	2.987	2.987	0.000	90	15292	20.0	14.6	
64 Tert-amyl methyl ether	73	2.993	2.993	0.000	83	129021	20.0	16.9	
* 65 Fluorobenzene	96	3.109	3.109	-0.001	0	500145	50.0	50.0	
66 n-Heptane	43	3.139	3.139	0.000	78	38733	20.0	18.5	
67 Trichloroethene	95	3.438	3.438	0.000	95	62586	20.0	21.0	
68 n-Butanol	56	3.462	3.462	0.000	91	21611	500.0	379.1	
69 Ethyl acrylate	55	3.596	3.596	0.000	93	115990	20.0	19.7	
70 Methylcyclohexane	83	3.608	3.609	-0.001	90	81873	20.0	24.3	
71 1,2-Dichloropropane	63	3.633	3.633	0.000	86	56360	20.0	20.5	
72 Dibromomethane	93	3.743	3.743	0.000	68	36445	20.0	21.0	
* 73 1,4-Dioxane-d8	96	3.743	3.743	0.000	0	27417	1000.0	1000.0	
74 1,4-Dioxane	88	3.797	3.792	0.005	40	12110	400.0	398.7	
75 Methyl methacrylate	100	3.810	3.810	0.000	89	22578	40.0	30.3	
76 n-Propyl acetate	43	3.895	3.895	0.000	97	50000	20.0	14.0	
77 Dichlorobromomethane	83	3.919	3.920	-0.001	96	78597	20.0	21.8	
78 2-Nitropropane	41	4.163	4.163	0.000	98	23828	40.0	33.7	
80 Epichlorohydrin	57	4.316	4.316	0.000	98	64335	400.0	359.5	
81 cis-1,3-Dichloropropene	75	4.401	4.401	0.000	88	89264	20.0	19.3	
82 4-Methyl-2-pentanone (MIBK)	43	4.614	4.615	-0.001	96	187667	100.0	103.6	
\$ 83 Toluene-d8 (Surr)	98	4.687	4.688	-0.001	0	461911	50.0	47.1	
84 Toluene	91	4.761	4.761	0.000	94	239752	20.0	20.4	
85 trans-1,3-Dichloropropene	75	5.065	5.066	-0.001	95	79824	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 Ethyl methacrylate	69	5.254	5.255	-0.001	86	53892	20.0	15.4	
87 1,1,2-Trichloroethane	83	5.267	5.267	0.000	90	40098	20.0	19.0	
88 Tetrachloroethene	166	5.407	5.407	0.000	89	53156	20.0	21.6	
89 1,3-Dichloropropane	76	5.462	5.462	0.000	93	82639	20.0	19.2	
90 2-Hexanone	43	5.651	5.651	0.000	96	132288	100.0	100.2	
91 Chlorodibromomethane	129	5.736	5.736	0.000	96	52699	20.0	19.8	
92 Ethylene Dibromide	107	5.840	5.840	0.000	98	49930	20.0	18.9	
93 n-Butyl acetate	43	5.882	5.883	-0.001	97	59820	20.0	15.0	
* 94 Chlorobenzene-d5	117	6.492	6.492	0.000	0	364306	50.0	50.0	
95 Chlorobenzene	112	6.529	6.529	0.000	92	142054	20.0	20.3	
96 1,1,1,2-Tetrachloroethane	131	6.675	6.675	0.000	91	48694	20.0	19.6	
97 Ethylbenzene	106	6.742	6.742	0.000	99	88911	20.0	24.1	
98 m-Xylene & p-Xylene	106	6.919	6.919	0.000	92	112485	20.0	24.6	
99 o-Xylene	106	7.480	7.480	0.000	93	108192	20.0	24.9	
100 Styrene	104	7.510	7.510	0.000	92	143889	20.0	19.3	
101 n-Butyl acrylate	73	7.614	7.614	0.000	96	32366	20.0	15.2	
102 Bromoform	173	7.717	7.718	-0.001	93	33129	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	7.998	7.998	0.000	90	76697	20.0	15.8	
104 Isopropylbenzene	105	8.077	8.077	0.000	96	225603	20.0	21.1	
\$ 105 4-Bromofluorobenzene	174	8.260	8.260	0.000	0	133213	50.0	51.8	
106 Bromobenzene	156	8.425	8.425	0.000	97	55660	20.0	20.2	
107 1,1,2,2-Tetrachloroethane	83	8.589	8.589	0.000	89	62637	20.0	16.6	
108 1,2,3-Trichloropropane	110	8.589	8.589	0.000	85	17564	20.0	16.2	
109 trans-1,4-Dichloro-2-butene	53	8.681	8.681	0.000	86	18020	20.0	17.1	
110 N-Propylbenzene	91	8.723	8.724	-0.001	98	264435	20.0	18.7	
111 2-Chlorotoluene	91	8.772	8.772	0.000	96	171188	20.0	20.3	
112 4-Ethyltoluene	105	8.918	8.919	-0.001	98	204740	20.0	19.1	
113 4-Chlorotoluene	91	8.961	8.961	0.000	99	189486	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	9.034	9.034	0.000	92	165128	20.0	18.5	
115 Butyl Methacrylate	87	9.351	9.351	0.000	92	56634	20.0	15.3	
116 tert-Butylbenzene	119	9.534	9.534	0.000	92	137219	20.0	19.3	
117 1,2,4-Trimethylbenzene	105	9.613	9.614	-0.001	98	174972	20.0	19.4	
118 sec-Butylbenzene	105	9.894	9.894	0.000	99	203060	20.0	19.7	
119 1,3-Dichlorobenzene	146	9.967	9.967	0.000	93	95739	20.0	20.9	
* 120 1,4-Dichlorobenzene-d4	152	10.089	10.089	0.000	0	180258	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.126	10.126	0.000	89	99174	20.0	20.8	
122 4-Isopropyltoluene	119	10.180	10.181	-0.001	88	169332	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	10.272	10.272	0.000	99	182732	20.0	20.1	
124 Benzyl chloride	91	10.394	10.394	0.000	98	92815	20.0	12.9	
125 2,3-Dihydroindene	117	10.546	10.546	0.000	90	182342	20.0	21.2	
126 1,2-Dichlorobenzene	146	10.711	10.711	0.000	94	91295	20.0	20.8	
127 p-Diethylbenzene	119	10.827	10.827	0.000	90	84467	20.0	20.3	
128 n-Butylbenzene	92	10.857	10.857	0.000	98	86935	20.0	20.4	
129 1,2-Dibromo-3-Chloropropane	157	11.881	11.881	0.000	93	10355	20.0	13.8	
130 1,2,4,5-Tetramethylbenzene	119	11.936	11.936	0.000	96	145818	20.0	20.8	
131 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	95	52286	20.0	22.0	
132 1,2,4-Trichlorobenzene	180	12.771	12.772	-0.001	93	42915	20.0	20.0	
134 Naphthalene	128	12.979	12.979	0.000	99	120567	20.0	16.7	
133 Hexachlorobutadiene	225	12.979	12.985	-0.006	52	16954	20.0	20.9	
135 1,2,3-Trichlorobenzene	180	13.204	13.204	0.000	92	30805	20.0	17.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.7	
S 137 Xylenes, Total	100				0		40.0	49.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 140 Total BTEX	1				0		100.0	114.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.0	
S 138 Total 1,2-dichloroethene	1				0			43.7	

### QC Flag Legend

Processing Flags

### Reagents:

8260MIX1COMB_00149	Amount Added: 20.00	Units: uL	
ACROLEIN W_00135	Amount Added: 4.00	Units: uL	
524freon_00047	Amount Added: 20.00	Units: uL	
GASES Li_00458	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00052	Amount Added: 5.00	Units: uL	Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220111-140098.b\T60517.D

Injection Date: 12-Jan-2022 04:22:08

Instrument ID: CVOAMS15

Lims ID: 460-250372-A-1 MSD

Client ID: MW-01\_20220107

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

33

Purge Vol: 5.000 mL

Dil. Factor:

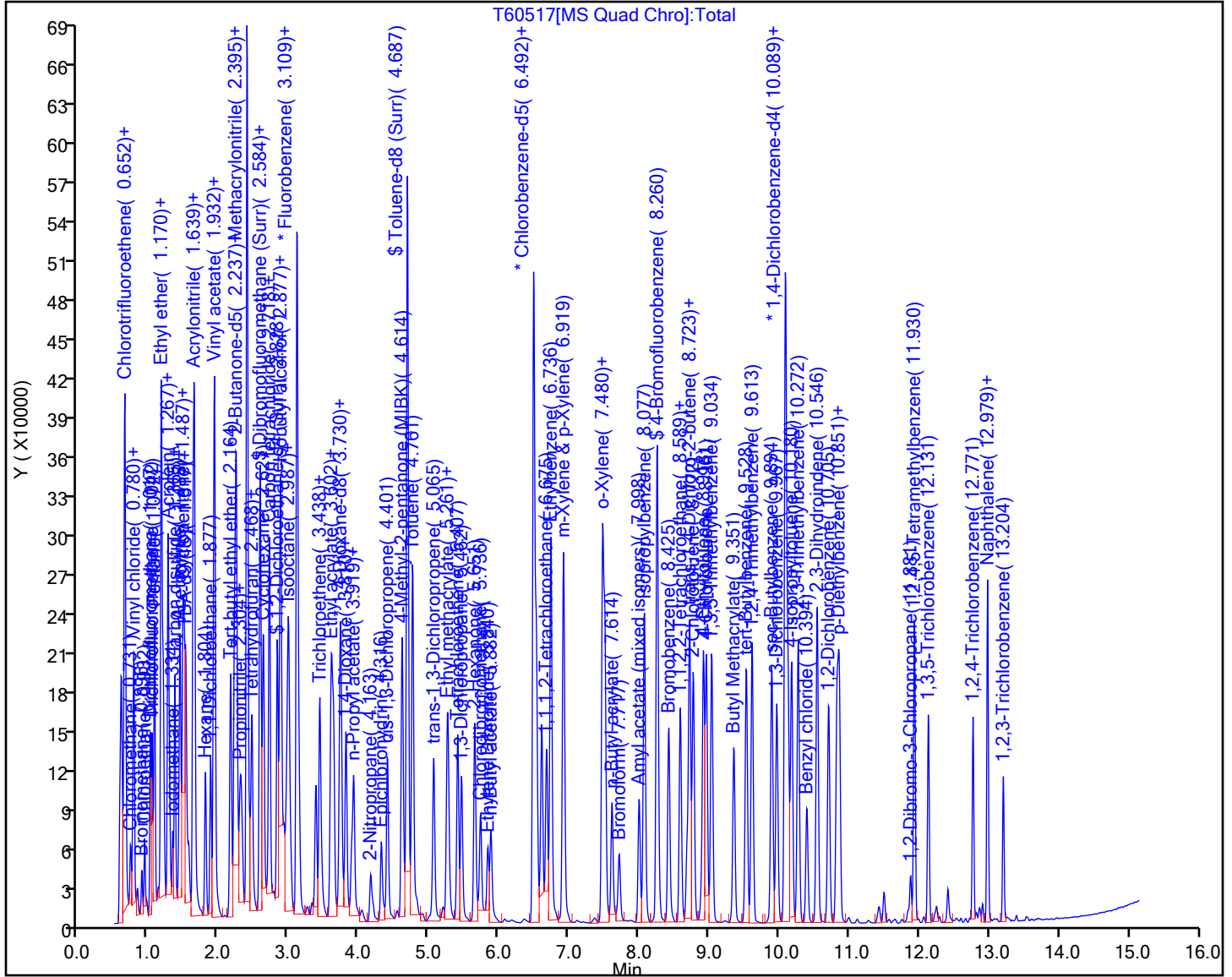
1.0000

Method: 8260W\_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison

Job No.: 460-250372-1

SDG No.:

Instrument ID: CVOAMS15

Start Date: 10/22/2021 07:28

Analysis Batch Number: 808628

End Date: 10/22/2021 20:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-808628/1		10/22/2021 07:28	1	T56941a.D	DB-624 0.18 (mm)
STD8 460-808628/2 IC		10/22/2021 07:50	1	T56942.D	DB-624 0.18 (mm)
STD05 460-808628/3 IC		10/22/2021 08:11	1	T56943.D	DB-624 0.18 (mm)
STD1 460-808628/4 IC		10/22/2021 08:32	1	T56944.D	DB-624 0.18 (mm)
STD5 460-808628/5 IC		10/22/2021 08:53	1	T56945.D	DB-624 0.18 (mm)
STD20 460-808628/6 ICIS		10/22/2021 09:14	1	T56946.D	DB-624 0.18 (mm)
STD50 460-808628/7 IC		10/22/2021 09:36	1	T56947.D	DB-624 0.18 (mm)
STD200 460-808628/8 IC		10/22/2021 09:57	1	T56948.D	DB-624 0.18 (mm)
STD500 460-808628/9 IC		10/22/2021 10:18	1	T56949.D	DB-624 0.18 (mm)
ICV 460-808628/13		10/22/2021 11:42	1	T56953.D	DB-624 0.18 (mm)
ZZZZZ		10/22/2021 12:03	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 12:24	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 13:07	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 13:49	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 14:10	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 14:31	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 14:52	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 15:14	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 15:35	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 15:56	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 16:17	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 16:38	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 16:59	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 17:20	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 17:42	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 18:03	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 18:24	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 18:45	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 19:06	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 19:27	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 19:48	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2021 20:09	1		DB-624 0.18 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS15 Start Date: 01/11/2022 17:15Analysis Batch Number: 822812 End Date: 01/12/2022 04:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		01/11/2022 17:15	1		DB-624 0.18 (mm)
CCVIS 460-822812/3		01/11/2022 17:44	1	T60487.D	DB-624 0.18 (mm)
LCS 460-822812/4		01/11/2022 18:06	1	T60488.D	DB-624 0.18 (mm)
ZZZZZ		01/11/2022 18:27	1		DB-624 0.18 (mm)
MB 460-822812/8		01/11/2022 19:31	1	T60492.D	DB-624 0.18 (mm)
ZZZZZ		01/11/2022 19:52	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 20:13	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 20:34	20		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 21:17	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 21:38	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 21:59	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 22:42	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 23:03	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 23:24	1		DB-624 0.18 (mm)
ZZZZZ		01/11/2022 23:46	1		DB-624 0.18 (mm)
ZZZZZ		01/12/2022 00:28	1		DB-624 0.18 (mm)
ZZZZZ		01/12/2022 00:49	1		DB-624 0.18 (mm)
ZZZZZ		01/12/2022 01:10	1		DB-624 0.18 (mm)
ZZZZZ		01/12/2022 01:32	1		DB-624 0.18 (mm)
460-250372-3	TB_20220107	01/12/2022 02:14	1	T60511.D	DB-624 0.18 (mm)
460-250372-4	FB_20220107	01/12/2022 02:35	1	T60512.D	DB-624 0.18 (mm)
460-250372-1	MW-01_20220107	01/12/2022 02:57	1	T60513.D	DB-624 0.18 (mm)
460-250372-2	MW-X_20220107	01/12/2022 03:18	1	T60514.D	DB-624 0.18 (mm)
460-250372-5	MW-03_20220107	01/12/2022 03:39	1	T60515.D	DB-624 0.18 (mm)
460-250372-1 MS	MW-01_20220107 MS	01/12/2022 04:00	1	T60516.D	DB-624 0.18 (mm)
460-250372-1 MSD	MW-01_20220107 MSD	01/12/2022 04:22	1	T60517.D	DB-624 0.18 (mm)

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17 Start Date: 01/11/2022 22:10Analysis Batch Number: 822855 End Date: 01/12/2022 03:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-822855/1		01/11/2022 22:10	1	TT49272.D	DB-624 0.18 (mm)
STD8 460-822855/3 IC		01/11/2022 23:00	1	TT49274.D	DB-624 0.18 (mm)
STD05 460-822855/4 IC		01/11/2022 23:21	1	TT49275.D	DB-624 0.18 (mm)
STD1 460-822855/5 IC		01/11/2022 23:42	1	TT49276.D	DB-624 0.18 (mm)
STD5 460-822855/6 IC		01/12/2022 00:03	1	TT49277.D	DB-624 0.18 (mm)
STD20 460-822855/7 ICIS		01/12/2022 00:24	1	TT49278.D	DB-624 0.18 (mm)
STD50 460-822855/8 IC		01/12/2022 00:44	1	TT49279.D	DB-624 0.18 (mm)
STD200 460-822855/9 IC		01/12/2022 01:05	1	TT49280.D	DB-624 0.18 (mm)
STD500 460-822855/10 IC		01/12/2022 01:26	1	TT49281.D	DB-624 0.18 (mm)
ICV 460-822855/15		01/12/2022 03:10	1	TT49286.D	DB-624 0.18 (mm)



## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins EdisonJob No.: 460-250372-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS17Start Date: 01/14/2022 19:11Analysis Batch Number: 823456End Date: 01/15/2022 04:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-823456/3		01/14/2022 19:11	1	TT49379.D	DB-624 0.18 (mm)
LCS 460-823456/4		01/14/2022 19:32	1	TT49380.D	DB-624 0.18 (mm)
LCSD 460-823456/5		01/14/2022 19:53	1	TT49381.D	DB-624 0.18 (mm)
MB 460-823456/8		01/14/2022 20:55	1	TT49384.D	DB-624 0.18 (mm)
ZZZZZ		01/14/2022 21:16	1		DB-624 0.18 (mm)
ZZZZZ		01/14/2022 21:37	1		DB-624 0.18 (mm)
ZZZZZ		01/14/2022 21:57	1		DB-624 0.18 (mm)
ZZZZZ		01/14/2022 22:18	1		DB-624 0.18 (mm)
ZZZZZ		01/14/2022 22:39	1		DB-624 0.18 (mm)
ZZZZZ		01/14/2022 23:00	1		DB-624 0.18 (mm)
ZZZZZ		01/14/2022 23:20	1		DB-624 0.18 (mm)
ZZZZZ		01/14/2022 23:41	1		DB-624 0.18 (mm)
460-250694-1	MW-02_20220112	01/15/2022 00:01	1	TT49393.D	DB-624 0.18 (mm)
ZZZZZ		01/15/2022 00:22	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 00:43	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 01:03	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 01:24	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 01:44	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 02:05	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 02:26	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 03:07	1		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 03:27	5		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 03:48	50		DB-624 0.18 (mm)
ZZZZZ		01/15/2022 04:08	50		DB-624 0.18 (mm)

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 808628 Batch Start Date: 10/22/21 07:28 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00134	524freon 00044	8260 SP 00145	8260MIX1COMB 00145
BFB 460-808628/1		8260D		5 mL	5 mL				
STD8 460-808628/2 IC		8260D		5 mL	5 mL				
STD05 460-808628/3 IC		8260D		5 mL	5 mL	15 uL	5 uL		5 uL
STD1 460-808628/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-808628/5 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD20 460-808628/6 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
STD50 460-808628/7 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-808628/8 IC		8260D		5 mL	5 mL				
STD500 460-808628/9 IC		8260D		5 mL	5 mL				
ICV 460-808628/13		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00037	8FreonsSS 00037	ACROLEIN SP 00130	ACROLEIN W 00132	ACRY/EPIH MIX 00091	BFB 00030
BFB 460-808628/1		8260D							1 uL
STD8 460-808628/2 IC		8260D						20 uL	
STD05 460-808628/3 IC		8260D					2 uL		
STD1 460-808628/4 IC		8260D					4 uL		
STD5 460-808628/5 IC		8260D					4 uL		
STD20 460-808628/6 ICIS		8260D					4 uL		
STD50 460-808628/7 IC		8260D					10 uL		
STD200 460-808628/8 IC		8260D		20 uL			20 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 3

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 808628 Batch Start Date: 10/22/21 07:28 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00037	8FreonsSS 00037	ACROLEIN SP 00130	ACROLEIN W 00132	ACRY/EPIH MIX 00091	BFB 00030
STD500 460-808628/9 IC		8260D		50 uL			40 uL		
ICV 460-808628/13		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00057	GAS C SP 00432	GAS Hi 00399	GASES Li 00444	MIX 2 Hi 00116	MIX I Hi 00143
BFB 460-808628/1		8260D							
STD8 460-808628/2 IC		8260D					2.5 uL		
STD05 460-808628/3 IC		8260D					5 uL		
STD1 460-808628/4 IC		8260D					10 uL		
STD5 460-808628/5 IC		8260D					10 uL		
STD20 460-808628/6 ICIS		8260D					20 uL		
STD50 460-808628/7 IC		8260D					50 uL		
STD200 460-808628/8 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-808628/9 IC		8260D		50 uL		50 uL		50 uL	50 uL
ICV 460-808628/13		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00050					
BFB 460-808628/1		8260D							
STD8 460-808628/2 IC		8260D		5 uL					
STD05 460-808628/3 IC		8260D		5 uL					
STD1 460-808628/4 IC		8260D		5 uL					
STD5 460-808628/5 IC		8260D		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 808628 Batch Start Date: 10/22/21 07:28 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00050					
STD20 460-808628/6 ICIS		8260D		5 uL					
STD50 460-808628/7 IC		8260D		5 uL					
STD200 460-808628/8 IC		8260D		5 uL					
STD500 460-808628/9 IC		8260D		5 uL					
ICV 460-808628/13		8260D		5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 822812 Batch Start Date: 01/11/22 17:15 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00047	8260MIX1COMB 00149	ACROLEIN W 00135
CCVIS 460-822812/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-822812/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-822812/8		8260D		5 mL	5 mL				
460-250372-A-3	TB_20220107	8260D	T	5 mL	5 mL	<2 PH Units			
460-250372-B-4	FB_20220107	8260D	T	5 mL	5 mL	<2 PH Units			
460-250372-A-1	MW-01_20220107	8260D	T	5 mL	5 mL	<2 PH Units			
460-250372-A-2	MW-X_20220107	8260D	T	5 mL	5 mL	<2 PH Units			
460-250372-C-5	MW-03_20220107	8260D	T	5 mL	5 mL	<2 PH Units			
460-250372-A-1 MS	MW-01_20220107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-250372-A-1 MSD	MW-01_20220107	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00458	VOA6IS/SURR 00052				
CCVIS 460-822812/3		8260D		20 uL	5 uL				
LCS 460-822812/4		8260D		20 uL	5 uL				
MB 460-822812/8		8260D			5 uL				
460-250372-A-3	TB_20220107	8260D	T		5 uL				
460-250372-B-4	FB_20220107	8260D	T		5 uL				
460-250372-A-1	MW-01_20220107	8260D	T		5 uL				
460-250372-A-2	MW-X_20220107	8260D	T		5 uL				
460-250372-C-5	MW-03_20220107	8260D	T		5 uL				
460-250372-A-1 MS	MW-01_20220107	8260D	T	20 uL	5 uL				
460-250372-A-1 MSD	MW-01_20220107	8260D	T	20 uL	5 uL				

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 822812 Batch Start Date: 01/11/22 17:15 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: \_\_\_\_\_

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 822855 Batch Start Date: 01/11/22 22:10 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00137	524freon 00047	8260 SP 00150	8260MIX1COMB 00149
BFB 460-822855/1		8260D		5 mL	5 mL				
STD8 460-822855/3 IC		8260D		5 mL	5 mL				
STD05 460-822855/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		5 uL
STD1 460-822855/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-822855/6 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD20 460-822855/7 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
STD50 460-822855/8 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-822855/9 IC		8260D		5 mL	5 mL				
STD500 460-822855/10 IC		8260D		5 mL	5 mL				
ICV 460-822855/15		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00040	8FreonsSS 00040	ACROLEIN SP 00133	ACROLEIN W 00135	ACRY/EPIH MIX 00094	BFB 00031
BFB 460-822855/1		8260D							1 uL
STD8 460-822855/3 IC		8260D						20 uL	
STD05 460-822855/4 IC		8260D					2 uL		
STD1 460-822855/5 IC		8260D					4 uL		
STD5 460-822855/6 IC		8260D					4 uL		
STD20 460-822855/7 ICIS		8260D					4 uL		
STD50 460-822855/8 IC		8260D					10 uL		
STD200 460-822855/9 IC		8260D		20 uL			20 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 822855 Batch Start Date: 01/11/22 22:10 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00040	8FreonsSS 00040	ACROLEIN SP 00133	ACROLEIN W 00135	ACRY/EPIH MIX 00094	BFB 00031
STD500 460-822855/10 IC		8260D		50 uL			40 uL		
ICV 460-822855/15		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00060	GAS C SP 00444	GAS Hi 00405	GASES Li 00458	MIX 2 Hi 00119	MIX I Hi 00146
BFB 460-822855/1		8260D							
STD8 460-822855/3 IC		8260D					2.5 uL		
STD05 460-822855/4 IC		8260D					5 uL		
STD1 460-822855/5 IC		8260D					10 uL		
STD5 460-822855/6 IC		8260D					10 uL		
STD20 460-822855/7 ICIS		8260D					20 uL		
STD50 460-822855/8 IC		8260D					50 uL		
STD200 460-822855/9 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-822855/10 IC		8260D		50 uL		50 uL		50 uL	50 uL
ICV 460-822855/15		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00052					
BFB 460-822855/1		8260D							
STD8 460-822855/3 IC		8260D		5 uL					
STD05 460-822855/4 IC		8260D		5 uL					
STD1 460-822855/5 IC		8260D		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3



## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 822855 Batch Start Date: 01/11/22 22:10 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00052					
STD5 460-822855/6 IC		8260D		5 uL					
STD20 460-822855/7 ICIS		8260D		5 uL					
STD50 460-822855/8 IC		8260D		5 uL					
STD200 460-822855/9 IC		8260D		5 uL					
STD500 460-822855/10 IC		8260D		5 uL					
ICV 460-822855/15		8260D		5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-250372-1

SDG No.: \_\_\_\_\_

Batch Number: 823456 Batch Start Date: 01/14/22 19:11 Batch Analyst: Starzec, MargaretBatch Method: 8260D Batch End Date: \_\_\_\_\_

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00047	8260MIX1COMB 00149	ACROLEIN W 00135
CCVIS 460-823456/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-823456/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-823456/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-823456/8		8260D		5 mL	5 mL				
460-250694-A-1	MW-02_20220112	8260D	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00458	VOA6IS/SURR 00052				
CCVIS 460-823456/3		8260D		20 uL	5 uL				
LCS 460-823456/4		8260D		20 uL	5 uL				
LCSD 460-823456/5		8260D		20 uL	5 uL				
MB 460-823456/8		8260D			5 uL				
460-250694-A-1	MW-02_20220112	8260D	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 1

# Shipping and Receiving Documents

TAL-8210

Regulatory Program: ☐ RCRA ☐ Other: \_\_\_\_\_

Project Manager: Adrianne ☐ RCRA ☐ Other: \_\_\_\_\_

Company Name: AREF INC

Address: 440 PARK AVE 7TH FL

City/State/Zip: NY NY 10016

Phone: 914 874 3358

Fax: \_\_\_\_\_

Project Name: 801 W 24th ST

Site: MM

P O #: 170087

Site Contact: Stefan

Lab Contact: M HARRIS

Date: 1/7/22

COC No: \_\_\_\_\_ of \_\_\_\_\_ COCs

Analysis Turnaround Time

☐ CALENDAR DAYS ☐ WORKING DAYS

TAT if different from Below \_\_\_\_\_

☐ 2 weeks ☐ 1 week ☐ 1 day

Standard

For Lab Use Only:

Walk-in Client: \_\_\_\_\_

Lab Sampling: \_\_\_\_\_

Job / SDG No.: 050370

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Sample Specific Notes:
MW-01-20220107	1/7/22	1050	G	W	3	X	X	-1
MW-X-20220107	1	1055	F		3	X	X	-2
MW-01-20220107-MS	1	1100			3	X	X	-3
MW-01-20220107-MSD	1/7/22	1105			3	X	X	-4
IB-20220107	LAB	LAB			2	X	X	-5
IB-20220107	1/7/22	1130			2	X	X	-6
MW-03-20220107	1/7/22	1320	G	W	3	X	X	-7

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other \_\_\_\_\_

Possible Hazard Identification: \_\_\_\_\_

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: leave SP6 open

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for \_\_\_\_\_ Months

Custody Seal No.: \_\_\_\_\_

Relinquished by: SA MM Date/Time: 1/7/22 1340

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by: James Date/Time: 1/7/22 1800

Received by: AREF Date/Time: 1/7/22 1340

Received by: James Date/Time: 1/7/22 1700

Received in Laboratory by: James Date/Time: 1/7/22 1800

Company: AREF Date/Time: 1/7/22 1340

Company: James Date/Time: 1/7/22 1700

Company: James Date/Time: 1/7/22 1800

Therm ID No.: \_\_\_\_\_

Cooler Temp. (°C): Obs'd: \_\_\_\_\_

Corr'd: \_\_\_\_\_

263092

IR Gun #

9

**If pH adjustments are required record the information below:**

Volume of Preservative used (ml):

**Expiration Date:**

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

*Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

**Initials:**


Date:

22

Address: \_\_\_\_\_

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: \_\_\_\_\_

TAL-8210

Client Contact		Project Manager: <u>Adiana Baez</u>		Site Contact: <u>Steve Seamp</u>		COC No: _____	
Company Name: <u>AKRF, Inc.</u>		Tel/Email: <u>about@akrf.com</u>		Lab Contact: <u>Melissa Hays</u>		Date: <u>1/12/22</u>	
Address: <u>440 Port Ave S 7th FL</u>		Analysis Turnaround Time		Carrier: _____		SAMPLER: _____	
City/State/Zip: <u>NY NY 10016</u>		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		For Lab Use Only:		COCs	
Phone: <u>646-388-9576</u>		TAT if different from Below _____		Walk-in Client:		Lab Sampling:	
Fax: _____		<input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Job / SDG No: <u>150694</u>			
Project Name: <u>601 W 29th Street NY NY</u>		Sample Date		Sample Time		Sample Type	
PO # <u>172087</u>		Date		Time		Type	
Sample Identification		Date		Time		Type	
<u>MW-02-2022-112</u>		<u>1/12/22</u>		<u>900</u>		<u>G</u>	
Sample Specific Notes:		Matrix		# of Cont.			
<u>W3</u>		<u>W3</u>		<u>W3</u>			
Filtered Sample (Y/N) <u>(N)</u>		Perform MS / MSD (Y/N) <u>(N)</u>		X			
Barcode: 		460-250694 Chain of Custody					
Preservation Used: 1 = Ice, 2 = HCl; 3 = H2SO4; 4 = HNO3; 5 = NaOH; 6 = Other _____							
Possible Hazard Identification:							
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments:							
<u>Add to SDG-460-250372</u>							
Custody Seal No.: _____		Cooler Temp. (°C): _____		Obs'd: _____		Therm ID No.: _____	
Relinquished by: <u>AKRF</u>		Date/Time: <u>1/12/22</u>		Company: <u>ETA</u>		Date/Time: <u>1-12-22</u>	
Relinquished by: <u>ETA</u>		Date/Time: <u>1-13-22</u>		Company: <u>ETA</u>		Date/Time: <u>1-13-22</u>	
Relinquished by: <u>ETA</u>		Date/Time: <u>1-13-22</u>		Company: <u>ETA</u>		Date/Time: <u>1-13-22</u>	



250694

IR Gun #

## Cooler Temperatures

[illegible]

**If pH adjustments are required record the information below:**

Volume of Preservative used (ml):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: LCR

Date: 1/13/21

## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-250372-1

Login Number: 250372

List Number: 1

Creator: Lysy, Susan

List Source: Eurofins 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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	



## Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-250372-1

Login Number: 250694

List Number: 1

Creator: Lysy, Susan

List Source: Eurofins 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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

**APPENDIX F**  
**IDW DISPOSAL MANIFEST**

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone <b>(631) 727-2700</b>	4. Waste Tracking Number
5. Generator's Name and Mailing Address <b>DD WEST 29th LLC 601 W 29TH ST TENN PLAZA NEW YORK 10001 NY / NYC, NY</b>			Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name <b>EASTERN ENVIRONMENTAL SOLUTIONS INC</b>			U.S. EPA ID Number <b>NYR000135624</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address			U.S. EPA ID Number		
Facility's Phone:					
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity
			No. X	Type	12. Unit Wt/Vol.
	1. <b>NON HAZ / NON RCRA REGULATED liquid</b>		1	DM	150 P
	2. <b>NON HAZ / NON RCRA REGULATED solid</b>		1	DM	250 P
	3.				
4.					
13. Special Handling Instructions and Additional Information <b>9.1 PETRAEUM IMPACTED liquid 9.2 PETRAEUM IMPACTED solid</b>					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <b>Adrianna Boscolo Agent for Generator</b>			Signature <i>Adrianna Boscolo</i>		Month Day Year <b>1 13 22</b>
INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		
	Transporter Signature (for exports only):				
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>Thaddeus RANKIN</b>		Signature <i>Thaddeus Rankin</i>		Month Day Year <b>1 13 22</b>
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name <b>Alexia Acavado</b>			Signature <i>Alexia Acavado</i>		Month Day Year <b>2 1 22</b>

**APPENDIX G**  
**AIR MONITORING LOGS**



AKRF, Inc.

## Air Monitoring Log

Project: West 23th Street Client: DD West 23th St Date: 09/15/2021

Work Activity: + Drilling for installation of groundwater monitoring wells at MU-01 and MU-02 Logged By: M. Bollette

Weather: Overcast and Rain after 10AM Wind Direction: from NE Job No: 172087

Wind Speed: (2-7 mph) COMMENTS (activity; work zone, upwind or downwind)

TIME	LOCATION	PID (ppm)	DUST (mg/m <sup>3</sup> )	ODORS	COMMENTS
745	NE of site	0.0	0.027	None	BACKGROUND

1000	Drilling	0.0	0.046	None	Mobilization
------	----------	-----	-------	------	--------------

1020	By MU-02	0.0	0.066	None	Excavation with shot
------	----------	-----	-------	------	----------------------

1040	By MU-02	0.0	0.055	None	Drilling at MU-02
------	----------	-----	-------	------	-------------------

Raining. Air monitoring is  
 stopped for the day  
 due to the  
 rain.

09/15/2021

## Work Zone Action Levels

PID	DUST
<5 ppm: Level D	<0.150 mg/m <sup>3</sup> above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m <sup>3</sup> above background in breathing zone: Dust suppression

## Community (Perimeter) Action Levels

PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m <sup>3</sup> above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m <sup>3</sup> above background: STOP

AKRF, Inc.

## Air Monitoring Log

Project: West 29th Street

Client: DD West 29th St

Date: 04/16/2021

Work Activity: Drilling for installation of groundwater monitoring well MW-02

Logged By: M. Bollette

Job No: 170087

Weather: Partly Cloudy (41-52)°F

Wind Direction: from NW (4-14) mph

Wind Speed: (4-14) mph

TIME	LOCATION	PID (ppm)	DUST (mg/m <sup>3</sup> )	ODORS	COMMENTS (activity, work zone, upwind or downwind)
730	NW of site	0.0	0.031	None	BACKGROUND
800	By MW-02	0.0	0.062	None	Drilling at MW-02
820	By MW-02	0.0	0.051	None	" "
840	None up	0.0	0.048	None	Drilling at MW-02
1000	NW of site	0.0	0.036	None	Background

04/16/2021

Work Zone Action Levels	
PID	DUST
<5 ppm: Level D	<0.150 mg/m <sup>3</sup> above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m <sup>3</sup> above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m <sup>3</sup> above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m <sup>3</sup> above background: STOP



AKRF, Inc.

## Air Monitoring Log

Project: West 23th Street		Client: DD West 23th St.		Date: 04/19/2021	
Work Activity: Installation of well Mdl-01 Developing of well Mdl-01		Logged By: M. Belletto		Job No: 170087	
Weather: Partly Cloudy (50-64)°F		Wind Direction: from NW		Wind Speed: (1 to 4) mph	
TIME	LOCATION	PID (ppm)	DUST (mg/m <sup>3</sup> )	ODORS	COMMENTS (activity; work zone, upwind or downwind)
7 15	NW of site	0.0	0.028	None	BACKGROUND
8 00	By Mdl-02	0.0	0.041	None	Drilling at Mdl-02
8 20	By Mdl-02	0.0	0.039	None	
8 40	Rowing	0.0	0.051	None	Drilling at Mdl-02
8 10	By Mdl-02	0.0	0.060	None	Installation of Mdl-02
8 40	By Mdl-02	0.0	0.064	None	
10 10	Rowing	0.0	0.057	None	
10 30	By Mdl-02	0.0	0.037	None	Well developing at Mdl-02
10 50	By Mdl-01	0.0	0.044	None	Drilling at Mdl-01
11 10	By Mdl-01	0.0	0.051	None	
11 30	Rowing	0.0	0.066	None	
11 50	By Mdl-01	0.0	0.057	None	
12 10	By Mdl-01	0.0	0.049	None	
12 30	By Mdl-01	0.0	0.061	None	Drilling at Mdl-01 / installing Mdl-01
13 00	Rowing	0.0	0.059	None	Mdl-01 well developing
13 30	By Mdl-01	0.0	0.061	None	
14 00	By Mdl-01	0.0	0.066	None	
14 30	Rowing	0.0	0.057	None	
15 00	Rowing	0.0	0.064	None	Mdl-01 well developing

04/19/2021

## Work Zone Action Levels

PID	DUST
<5 ppm: Level D	<0.150 mg/m <sup>3</sup> above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m <sup>3</sup> above background in breathing zone: Dust suppression

## Community (Perimeter) Action Levels

PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m <sup>3</sup> above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m <sup>3</sup> above background: STOP



AKRF, Inc.

## Air Monitoring Log

Project: West 29th Street		Client:		Date: 04/23/2021	
Work Activity: Drilling for Mtl-03 Installation + Installation and developing of well Mtl-03				Logged By: M. Belletta	
Weather: Sunny (39 to 61)°F				Wind Direction: from NW	
				Job No:	
				Wind Speed: (8-23) mph	
COMMENTS (activity; work zone, upwind or downwind)					
TIME	LOCATION	PID (ppm)	DUST (mg/m <sup>3</sup> )	ODORS	
730	Mtl-03 site	0.0	0.027	None	BACKGROUND
1015	Working	0.0	0.041	None	On site Mobilization of Mtl-03
1030	By Mtl-03	0.0	0.051	None	Drilling for recovering Rod
1050	By Mtl-03	0.0	0.038	None	" " "
1110	By Mtl-03	0.0	0.044	None	Drilling for Mtl-03
1130	Working	0.0	0.064	None	No drilling
1200	Working	0.0	0.074	None	No drilling
1230	By Mtl-03	0.0	0.088	None	Drilling for Mtl-03
1250	By Mtl-03	0.0	0.058	None	Drilling for Mtl-03
1310	Working	0.0	0.083	None	
1330	By Mtl-03	0.0	0.081	None	
1350	By Mtl-03	0.0	0.077	None	
1410	By Mtl-03	0.0	0.049	None	
1430	By Mtl-03	0.0	0.055	None	Drilling for Mtl-03
1450	By Mtl-03	0.0	0.064	None	Installation of Well Mtl-03
1510	By Mtl-03	0.0	0.077	None	Developing Mtl-03
1530	By Mtl-03	0.0	0.064	None	Developing Mtl-03
					04/23/2021

## Work Zone Action Levels

PID	DUST
<5 ppm: Level D	<0.150 mg/m <sup>3</sup> above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m <sup>3</sup> above background in breathing zone: Dust suppression

## Community (Perimeter) Action Levels

PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m <sup>3</sup> above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m <sup>3</sup> above background: STOP